

Making the railway system
work better for society.

Technical document

TAF TSI — ANNEX D.2: APPENDIX F — TAF TSI DATA AND MESSAGE MODEL

*In the Document History table, version are identified as x.n where
“x” is a correlative number assigned to an approved version when reaching a main milestones
“n” is a correlative number assigned to draft versions, starting by 1. “n”=0 means version approved
Information related to previous draft versions (i.e. 0.1, 0.2 etc.) shall be deleted from the table when a
subsequent approved version is issued.*

Document History

<i>Version</i>	<i>Date</i>	<i>Comments</i>
1.0	25.01.2011	Initial version
1.1	15.05.2012	New TAF TSI baseline 5.2

2.0	08.08.2013	All the chapters were revised due to the TAF TSI Revision Process and the TAF TSI CCM WP cycle 2012 – 2013. New TAF TSI baseline 5.3.
2.0	17.10.2013	Validated by the ERA TAF CCB on 11.09.2013
2.1	10.02.2015	All the chapters were revised due to the TAF TSI CCM WP cycle 2013 – 2014. Validated by the ERA TAF CCB on 10.02.2015. New TAF TSI baseline 2.1
2.2	18.03.2018	New TAF TSI baseline 2.2
2.2.2	16.06.2018	Validated by the ERA TAF CCB on 31.05.2018.
2.3.0	30.11.2018	Validated by the ERA TAF CCB on 28.11.2018.
2.3.1	16.04.2020	Hotfix 2.3.1
2.4.0	27.05.2020	Validated by the ERA TAF CCB on 27.05.2020
2.4.1	03.09.2020	Hotfix 2.4.1
2.5.0	15.12.2020	Validated by the ERA TAF CCB on 25.11.2020
3.0.0	15.06.2021	Validated by the ERA TAF CCB on 26.05.2021
3.1.0	15.12.2021	Validated by the ERA TAF CCB on 24.11.2021
3.2.0	15.06.2022	Validated by the ERA TAF CCB on 01.06.2022
3.3.0	15.12.2022	Validated by the ERA TAF CCB on 30.11.2022
3.4.0	15.06.2023	Validated by the ERA TAF CCB on 31.05.2023
3.4.1	15.12.2023	Validated by the ERA TAF CCB on 29.11.2023
3.5.0	15.06.2024	Validated by the ERA TAF CCB on 04.06.2024

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Application:

With effect from 08 March 2012.

All actors of the European Union falling under the provisions of the TAF TSI.

2. Summary

The following document is a complete list of data elements and messages defined in the TAF-TSI data catalogue. It is represented in XML format.

This catalogue shall be used as a basis for message development. During the course of the technical specifications and the implementation phase, this catalogue may be modified and/or amended.

All the elements listed in appendixes B, C and D are contained within this catalogue and described in detail.

The TAF TSI data catalogue is split into two documents:

- › The schema TAF_CAT_COMPLETE.XSD, containing the messages and the main data elements of the TAF TSI
- › The schema TAF_CAT_CODELIST.XSD, containing the code lists of the TAF TSI

In accordance with Commission Regulation (EU) 2015/302 of 25 February 2015 amending Regulation (EU) No 454/2011 on the technical specification for interoperability relating to the subsystem ‘telematics applications for passenger services’, the technical document TAP TSI Technical Document B.30 attached to TAP TSI refers to the TAF TSI data catalogue. Therefore, for TAF TSI and TAP TSI there will share a unique RU/IM communication catalogue.

3. Schema taf_cat_complete.xsd

Schema **taf_cat_complete.xsd**

schema location: [taf_cat_complete.xsd](#)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.5>

Elements	Complex types	Simple types	Attributes
ActualEndDateTime	CargoCodeType	CommunicationRefID	CI_InstanceNumber
ActualETA	CompositIdentifierOperationalType	CompanyCode	
ActualETI	CompositIdentifierPlannedType	CountryIdentISO	
AdditionalInstruction	ConsignmentIdent	CurrencyCode_Type	
Address	CustomerCode	DeltaTime	
AdministrativeContactInformation	DanGoodsType	DerailmentDetectionDevice	
AffectedLocation	DimensionValue	EquipmentNumberType	
AffectedSection	IntermodalTransportDataType	EquipmentTypeType	

AgainstBooked	LocationIdent	ForwardingRestrictionType
AgainstReferenced	TrainActivityType	FreeText
AgreedTimeOfDelivery	WagonTelematics	LoadUnitNumberType
AirBrake		Money_Type
AirBrakedMass		Name
AlertMessage		NHMCodeType
AllocationCompany		Numeric0-2
Altitude		Numeric1-5
ArrivalAtDestination		Numeric1-6
ArrivalInterchangeReport		Numeric2-2
ArrivalTimeAtDestination		Numeric3-3
ArrivalTimeAtLocation		Numeric4-4
ArrivalTimeAtLocationActual		Percentage
ArrivalTrackAtLocation		Speed
AssociatedAttachedLocationIdent		String1-10
AssociatedAttachedOTN		String1-14
AssociatedAttachedTimingAtLocation		String1-5
AssociatedAttachedTrainID		String1-7
AssociatedAttachedTrainServiceNumber		String1-8
BitmapDays		String4-4
BogiePitch		String5-5
BogieWagonsOnly		String5-8
BookedLocationDateTime		Time
BookedLocationTime		VolumeValue
BrakeWeight		WagonIdent
BrakingRatio		WeightValueKilo
CarrierStatus		WeightValueTonne
ChangeofTrackMessage		
CityTown		
ClosingTime		
Coasting		
Comments		
CommitmentETA		
Company		
ConsignmentNumber		
ConsignmentOrderMessage		
ContainerHandlingFlag		
ContractNumber		
ContractNumberMovement		
CoordinatingIM		
Core		
CountryCodeISO		
CreateDateTime		
Customer		
CustomerNumber		
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DangerousGoodsIndication		

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[DeliveryReference](#)
[DeliveryTimeAtDestination](#)
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[ExceptionalGaugingInd](#)
[ExceptionalGaugingProfile](#)
[ExceptionPoint](#)
[ExceptionReason](#)
[ExceptionTimeAtLocation](#)
[FaxNumber](#)
[FerryPermittedFlag](#)
[FreeTextField](#)
[FreightFlag](#)
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[GeographicCoordinates](#)
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[TrainDelayCauseMessage](#)

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[TrainID](#)

[TrainInformation](#)

[TrainJourneyModification](#)

[TrainJourneyModificationIndicator](#)

[TrainJourneyModificationMessage](#)

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[VesselIndication](#)

[VesselName](#)

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[WagonData](#)

[WagonETI ETA Message](#)

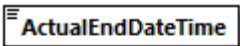
[WagonEventInformation](#)

[WagonInformation](#)

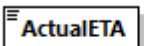
[WagonLength](#)

[WagonLocationStatus](#)

[WagonMaxSpeed](#)[WagonNumberFreight](#)[WagonNumberOfAxles](#)[WagonOperationalData](#)[WagonPickupAtOrigin](#)[Wagons](#)[WagonStatusMessages](#)[WagonTechData](#)[WagonTrainPosition](#)[WagonWeightEmpty](#)[WeightOfSetOfCarriages](#)[WheelDiameter](#)[WheelsetGauge](#)[Width](#)[WIMO_Dataset](#)[YardArrival](#)[YardDeparture](#)element **ActualEndTime**

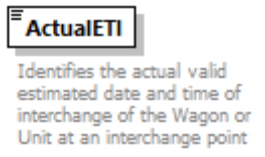
diagram	 <p>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="ActualEndTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ActualETA**

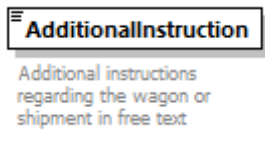
diagram	 <p>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="ActualETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ActualETI**

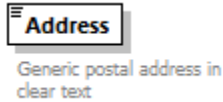
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<pre><xs:element name="ActualETI" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>

element **AdditionalInstruction**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Additional instructions regarding the wagon or shipment in free text									

source	<pre><xs:element name="AdditionalInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Additional instructions regarding the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>
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element **Address**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element AdministrativeContactInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Generic postal address in clear text									
source	<pre><xs:element name="Address" type="FreeText"> <xs:annotation> <xs:documentation>Generic postal address in clear text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AdministrativeContactInformation**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Name Address eMail PhoneNumber FaxNumber FreeTextField</p>
<p>used by</p>	<p>elements Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage</p>
<p>annotation</p>	<p>documentation Used to define administrative contact information</p>
<p>source</p>	<pre><xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element ref="Address" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> <xs:element ref="PhoneNumber" minOccurs="0"/> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **AffectedLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location LocationDateTime OperationalTrainNumberIdentifier
used by	element ReceiptConfirmationMessage
annotation	documentation Affected location
source	<pre> <xs:element name="AffectedLocation"> <xs:annotation> <xs:documentation>Affected location </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AffectedSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	StartOfSection EndOfSection OperationalTrainNumberIdentifier PlannedCalendar NetworkSpecificParameter
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage ReceiptConfirmationMessage
annotation	documentation Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path
source	<pre> <xs:element name="AffectedSection"> <xs:annotation> <xs:documentation>Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AffectedSection/StartOfSection**

<p>diagram</p>	<p>The diagram illustrates the structure of the StartOfSection element. It is an extension of the LocationIdent type. The LocationIdent type (shown in a yellow dashed box) includes the following elements:</p> <ul style="list-style-type: none"> CountryCodeISO: Identifies a Country or State by code (ISO 3166-1) LocationPrimaryCode: Primary location code PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location <p>The StartOfSection element includes the following elements:</p> <ul style="list-style-type: none"> BookedLocationDateTime: Scheduled Date and Time of a train at a specied location as defined in the path contract BookedLocationTime: Scheduled Time of a train at a specied location as defined in the path contract
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime</p>
<p>source</p>	<pre><xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **AffectedSection/EndOfSection**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime</p>
<p>source</p>	<pre><xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **AgainstBooked**

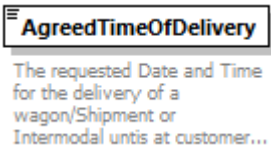
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>DeltaTime</p>

properties	content simple
used by	element TrainDelay
facets	Kind Value Annotation length 5
annotation	documentation Identifies the Delta delay time against the booked schedule in minutes
source	<pre><xs:element name="AgainstBooked" type="DeltaTime"> <xs:annotation> <xs:documentation>Identifies the Delta delay time against the booked schedule in minutes</xs:documentation> </xs:annotation> </xs:element></pre>

element **AgainstReferenced**

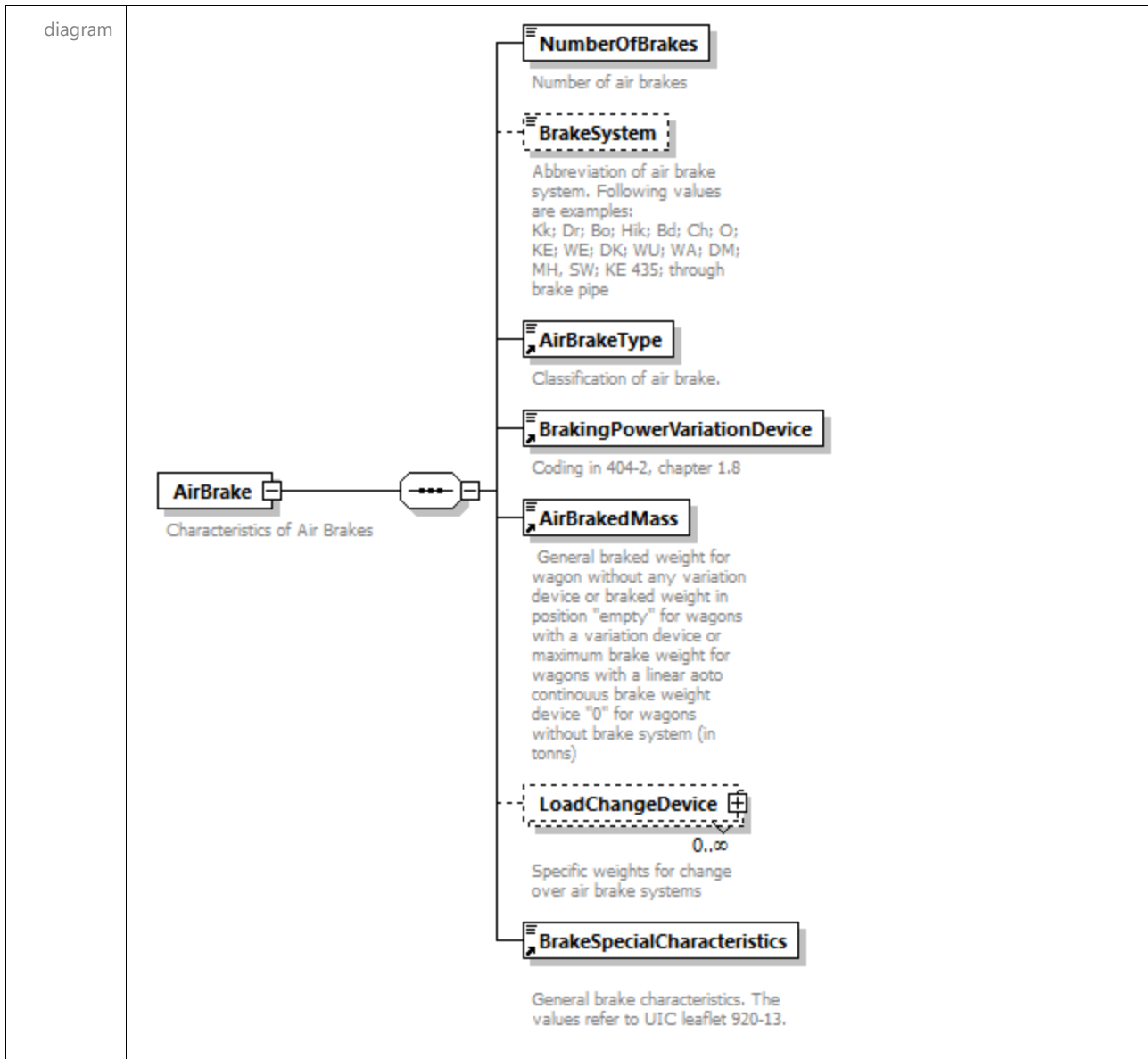
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeltaTime
properties	content simple
used by	element TrainDelay
facets	Kind Value Annotation length 5
annotation	documentation Delay compared to the referenced Date/Time
source	<pre><xs:element name="AgainstReferenced" type="DeltaTime"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element></pre>

element **AgreedTimeOfDelivery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
annotation	documentation The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings

source	<pre><xs:element name="AgreedTimeOfDelivery" type="xs:dateTime"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal untis at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **AirBrake**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfBrakes BrakeSystem ns1:AirBrakeType ns1:BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice ns1:BrakeSpecialCharacteristics
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Characteristics of Air Brakes

source

```

<xs:element name="AirBrake">
  <xs:annotation>
    <xs:documentation>Characteristics of Air Brakes</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberOfBrakes" type="Numeric2-2">
        <xs:annotation>
          <xs:documentation>Number of air brakes</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="BrakeSystem" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Abbreviation of air brake system. Following
values are examples:
Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through
brake pipe</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="AirBrakeType"/>
      <xs:element ref="BrakingPowerVariationDevice"/>
      <xs:element ref="AirBrakedMass">
        <xs:annotation>
          <xs:documentation>General braked weight for wagon without any
variation device or braked weight in position "empty" for wagons with a
variation device or maximum brake weight for wagons with a linear auto
continous brake weight device "0" for wagons without brake system (in
tonns)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="LoadChangeDevice" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Specific weights for change over air brake
systems</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ChangeOverWeight" type="Numeric3-3">
              <xs:annotation>
                <xs:documentation>Change over weight of braked weight in
tonns variation device</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="AirBrakedMassLoaded" type="Numeric3-3">
              <xs:annotation>
                <xs:documentation>Braked weight in tonns loaded for change
over weight</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

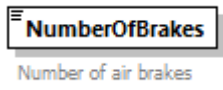
```

```

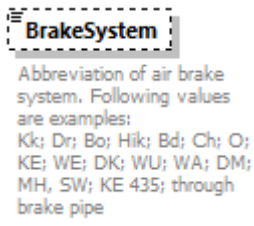
</xs:element>
<xs:element ref="BrakeSpecialCharacteristics"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **AirBrake/NumberOfBrakes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Number of air brakes									
source	<pre> <xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **AirBrake/BrakeSystem**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe						
source	<pre> <xs:element name="BrakeSystem" minOccurs="0"> <xs:annotation> <xs:documentation>Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:documentation> </pre>						


```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="256"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
    
```


element **AirBrake/LoadChangeDevice**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>ChangeOverWeight AirBrakedMassLoaded</p>
<p>annotation</p>	<p>documentation Specific weights for change over air brake systems</p>
<p>source</p>	<pre> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tons variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tons loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric3-3									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Change over weight of braked weight in tonns variation device									
source	<pre><xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element></pre>									

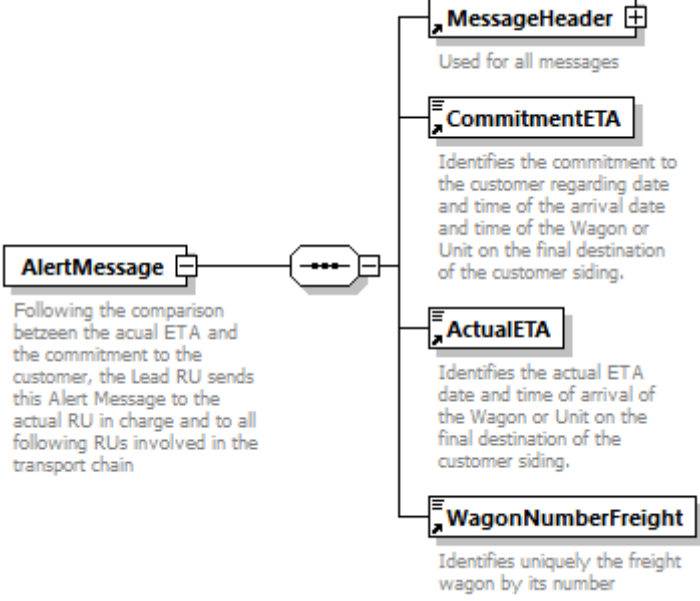
element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric3-3									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Braked weight in tonns loaded for change over weight									
source	<pre><xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element></pre>									

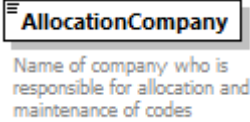
element **AirBrakedMass**

diagram	 <p>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element AirBrake									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999									
annotation	<p>documentation</p> <p>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</p>									
source	<pre><xs:element name="AirBrakedMass"> <xs:annotation> <xs:documentation>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AlertMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader CommitmentETA ActualETA WagonNumberFreight</p>
<p>annotation</p>	<p>documentation Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</p>
<p>source</p>	<pre><xs:element name="AlertMessage"> <xs:annotation> <xs:documentation>Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="CommitmentETA"/> <xs:element ref="ActualETA"/> <xs:element ref="WagonNumberFreight"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **AllocationCompany**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>CompanyCode</p>

properties	content simple												
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Name of company who is responsible for allocation and maintenance of codes												
source	<pre><xs:element name="AllocationCompany" type="CompanyCode"> <xs:annotation> <xs:documentation>Name of company who is responsible for allocation and maintenance of codes</xs:documentation> </xs:annotation> </xs:element></pre>												

element **Altitude**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m
source	<pre><xs:element name="Altitude" type="xs:integer"> <xs:annotation> <xs:documentation>Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5


properties	content complex
children	Destination ArrivalTimeAtDestination
annotation	documentation Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings
source	<pre> <xs:element name="ArrivalAtDestination"> <xs:annotation> <xs:documentation>Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="ArrivalTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ArrivalInterchangeReport**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Source Location ArrivalTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation The arrival or interchange station where ETI end
source	<pre> <xs:element name="ArrivalInterchangeReport"> <xs:annotation> <xs:documentation>The arrival or interchange station where ETI end</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ArrivalInterchangeReport/Source**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Experienced time of arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Real Time Train Situation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Estimated time of arrival</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Experienced time of arrival		enumeration	Real Time Train Situation		enumeration	Estimated time of arrival	
Kind	Value	Annotation											
enumeration	Experienced time of arrival												
enumeration	Real Time Train Situation												
enumeration	Estimated time of arrival												
annotation	documentation Source of information												
source	<pre> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **ArrivalTimeAtDestination**

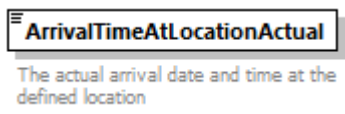
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime

properties	content simple
used by	element ArrivalAtDestination
annotation	documentation The actual Date and Time of the arrival of wagons by train at its final destination yard
source	<pre><xs:element name="ArrivalTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time of the arrival of wagons by train at its final destination yard</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ArrivalInterchangeReport
annotation	documentation The actual arrival date and time at the defined location
source	<pre><xs:element name="ArrivalTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTimeAtLocationActual**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element YardArrival
annotation	documentation The actual arrival date and time at the defined location
source	<pre><xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTrackAtLocation**

<p>diagram</p>	<p>The diagram illustrates the structure of the ArrivalTrackAtLocation element. It is a complex content type that is a specialization of the LocationIdent type. The ArrivalTrackAtLocation element is shown as a box with a small square on its right side, connected to a larger box representing LocationIdent. Inside LocationIdent, there are four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. Each child element has a small square on its left side, indicating a 1:1 relationship. The PrimaryLocationName and LocationSubsidiaryIdentification elements are shown with dashed borders, indicating they are optional. The LocationSubsidiaryIdentification element also has a small square with a plus sign on its right side, indicating it is a complex type.</p> <p>ArrivalTrackAtLocation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p> <p>LocationIdent</p> <ul style="list-style-type: none"> CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p>
<p>source</p>	<pre><xs:element name="ArrivalTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. </xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedLocationIdent**

<p>diagram</p>	<p>AssociatedAttachedLocationIdent Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists</p> <p>LocationIdent</p> <ul style="list-style-type: none"> CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>used by</p>	<p>complexType TrainActivityType</p>
<p>annotation</p>	<p>documentation Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists</p>
<p>source</p>	<pre><xs:element name="AssociatedAttachedLocationIdent" type="LocationIdent"> <xs:annotation> <xs:documentation>Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists </xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedOTN**

<p>diagram</p>	<p>AssociatedAttachedOTN Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</p>									
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>									
<p>type</p>	<p>String1-8</p>									
<p>properties</p>	<p>content simple</p>									
<p>used by</p>	<p>complexType TrainActivityType</p>									
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									

annotation	documentation Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.
source	<pre><xs:element name="AssociatedAttachedOTN" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedTimingAtLocation**


diagram	<p>Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType</p> <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arrival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TimingAtLocation
used by	complexType TrainActivityType
annotation	documentation Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType
source	<pre><xs:element name="AssociatedAttachedTimingAtLocation"> <xs:annotation> <xs:documentation>Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TimingAtLocation" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

</xs:element>

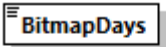
element **AssociatedAttachedTrainID**

<p>diagram</p>	<p>AssociatedAttachedTrainID TrainID of the Associated Train in an Attach Activity</p> <p>CompositIdentifierPlannedType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determent by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: The start of the date/time in effect
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>CompositIdentifierPlannedType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>complexType TrainActivityType</p>
<p>annotation</p>	<p>documentation TrainID of the Associated Train in an Attach Activity</p>
<p>source</p>	<pre><xs:element name="AssociatedAttachedTrainID" type="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>TrainID of the Associated Train in an Attach Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedTrainServiceNumber**


diagram	 <p>Identifies the associated train service line number for the train activity connecting service</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-8									
properties	content simple									
used by	complexType TrainActivityType									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the associated train service line number for the train activity connecting service									
source	<pre><xs:element name="AssociatedAttachedTrainServiceNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train service line number for the train activity connecting service</xs:documentation> </xs:annotation> </xs:element></pre>									

element **BitmapDays**

diagram	 <p>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
used by	elements PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>740</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-1]{1,740}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	740		whiteSpace	collapse		pattern	[0-1]{1,740}	
Kind	Value	Annotation														
minLength	1															
maxLength	740															
whiteSpace	collapse															
pattern	[0-1]{1,740}															
annotation	documentation Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.															
source	<pre><xs:element name="BitmapDays"> <xs:annotation> <xs:documentation>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</xs:documentation> </xs:annotation></pre>															

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **BogiePitch**

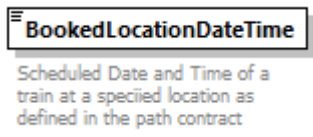
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Bogie Wheelbase measured in mm									
source	<pre> <xs:element name="BogiePitch"> <xs:annotation> <xs:documentation>Bogie Wheelbase measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **BogieWagonsOnly**

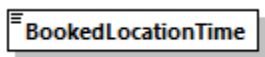
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).
source	<pre><xs:element name="BogieWagonsOnly" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).</xs:documentation> </xs:annotation> </xs:element></pre>

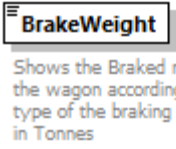
element **BookedLocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements ChangeofTrackMessage DelayEventReport AffectedSection/EndOfSection InterruptionPoint JourneySectionDestination JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport
annotation	documentation Scheduled Date and Time of a train at a specified location as defined in the path contract
source	<pre><xs:element name="BookedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element></pre>

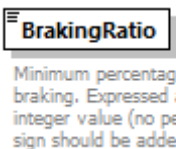
element **BookedLocationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:time
properties	content simple
used by	elements AffectedSection/EndOfSection AffectedSection/StartOfSection
source	<pre><xs:element name="BookedLocationTime" type="xs:time"/></pre>

element **BrakeWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData WagonOperationalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99999									
annotation	documentation Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
source	<pre><xs:element name="BrakeWeight"> <xs:annotation> <xs:documentation>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **BrakingRatio**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).									
source	<pre><xs:element name="BrakingRatio"> <xs:annotation> <xs:documentation>Minimum percentage of braking. Expressed as an integer</pre>									

```

value (no percent sign should be added).</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:integer">
    <xs:maxInclusive value="999"/>
    <xs:minInclusive value="1"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **CarrierStatus**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
used by	elements WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier ConsignmentOrderMessage/COMS/COM/Carriers															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation 0: Contractual carrier</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation 1: Successive carrier</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation 2: Substitute carrier</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation 0: Contractual carrier	enumeration	1	documentation 1: Successive carrier	enumeration	2	documentation 2: Substitute carrier	enumeration	3	documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)
Kind	Value	Annotation														
enumeration	0	documentation 0: Contractual carrier														
enumeration	1	documentation 1: Successive carrier														
enumeration	2	documentation 2: Substitute carrier														
enumeration	3	documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)														
annotation	documentation Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)															
source	<xs:element name="CarrierStatus"> <xs:annotation> <xs:documentation>Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g.															



```
subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2
(which have to be mentioned in the consignment note)</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>0: Contractual carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>1: Successive carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>2: Substitute carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>3: to be used for all other partners (e.g.
subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2
(which have to be mentioned in the consignment note)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```

element **ChangeofTrackMessage**

<p>diagram</p>	<p>ChangeofTrackMessage</p> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p> <ul style="list-style-type: none"> MessageHeader: Used for all messages MessageStatus: Assigned by the Sender 1=Creation, 2=Modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime: Scheduled Date and Time of a train at a specified location as defined in the path contract TrainLocationStatus: Identifies the status of a train related to the actual time at a reporting point InterruptionReason: This element identifies the reason for an interruption of the train running InterruptionDescription: The free text description of an interruption (0..∞) TransferPoint: Transfer point or station of destination in the considered network where the Reference Train Numbers refers to TransfereelM: Next IM
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime TrainLocationStatus InterruptionReason InterruptionDescription TransferPoint TransfereelM</p>
<p>annotation</p>	<p>documentation This message is issued to show that the train is arriving at another platform to the one that was scheduled</p>

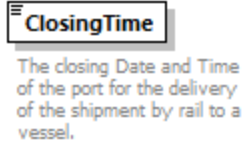
source	<pre> <xs:element name="ChangeofTrackMessage"> <xs:annotation> <xs:documentation> This message is issued to show that the train is arriving at another platform to the one that was scheduled</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="LocationPlannedTrack" minOccurs="0"/> <xs:element ref="LocationActualTrack"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specied location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **CityTown**

diagram	 <p>Name of the City or Town in Clear Text</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									

annotation	documentation Name of the City or Town in Clear Text
source	<pre> <xs:element name="CityTown"> <xs:annotation> <xs:documentation>Name of the City or Town in Clear Text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ClosingTime**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element VesselIndication
annotation	documentation The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
source	<pre> <xs:element name="ClosingTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Coasting**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple

used by	element PlannedTrainTechnicalData
annotation	documentation IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.
source	<pre><xs:element name="Coasting" type="xs:boolean"> <xs:annotation> <xs:documentation>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Comments**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<pre><xs:element name="Comments" type="FreeText"/></pre>									

element **CommitmentETA**

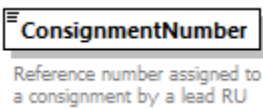
diagram	 <p>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="CommitmentETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final</pre>

	<pre>destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **Company**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Identifies a railway company (RU or IM)												
source	<pre><xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<pre><xs:element name="ConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader COMS</p>
<p>annotation</p>	<p>documentation Consignment Order Message from Lead RU to RU</p>
<p>source</p>	<pre> <xs:element name="ConsignmentOrderMessage"> <xs:annotation> <xs:documentation>Consignment Order Message from Lead RU to RU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> </pre>

```

        <xs:documentation>Message Reference NumberThis
identification is being generated during creation of the message. This
allows the tracing of the message.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="18">
                <xs:annotation>
                    <xs:documentation>Use here a counter, any
system.</xs:documentation>
                </xs:annotation>
            </xs:maxLength>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ShipmentType">
    <xs:annotation>
        <xs:documentation>Classification of the wagon order as
'CUV', 'CIM' or "SMGS".</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="CIM">
                <xs:annotation>
                    <xs:documentation>Regular transport, according
in basic to the CIM consignment note.</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="CUV">
                <xs:annotation>
                    <xs:documentation>Transport of empty wagons. If
loaded and empty wagons are withing the same shipment, then the ShipmentType
has to be set to CIM. For the empty wagons the loading status has to be set
in the WagonDetails.</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="SMGS"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
    <xs:annotation>
        <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Internal identification number of
the Wo. This information is important to be able to identify the COM even
after modifications. Format: RRRRYYYMMDDNNNNNNNN Where RRRR = railway code,
YYYY = year, MM = month, DD = day and NNNNNNNN = running
number.</xs:documentation>
    </xs:annotation>

```



```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="19"/>
    <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-
3]\d{8}"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number
has to be incremented after each modification. On creation this value has
to be set to 0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-
CN or CIM-CN for combined traffic. This information assures, that the same
paper document will be used for the 'duplicate of the consignment note' and
the final print out of the ECN for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to
be used for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be
used for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0"
maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU /
contractual carrier during the transport.</xs:documentation>

```

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DateTime">
      <xs:annotation>
        <xs:documentation>DateTime, when the changes
were applied.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="NumberOfModifiedVersion">
      <xs:annotation>
        <xs:documentation>Version number of the modified
message (as also written into
COMHeader/COMVersionNumber).</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="COM">
  <xs:annotation>
    <xs:documentation>Consignment order
message</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="AcceptancePoint">
        <xs:annotation>
          <xs:documentation>Description of location and time for
the take over of the consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element name="AcceptanceDate" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Date and time (month, day and
hour) at which the goods were accepted. </xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ConsignmentNumber">
              <xs:annotation>
                <xs:documentation>Running number and check digit
of the consignment between Lead RU and customer. Format: NNNNNC The number

```

```

consists of NNNNN = running number C = check digit, </xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="6"/>
    <xs:pattern value="\d*[1-9]\d*" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ForwardingTrainNumber"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Train number at shipping
  </xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="6"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
  <xs:annotation>
    <xs:documentation>Code of the shipping carrier
mentioned in the consignment number.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for
the hand over of the consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Station"/>
      <xs:element ref="RP_Code" minOccurs="0"/>
      <xs:element ref="ProductionStation" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
  <xs:annotation>
    <xs:documentation>Information about the consignor,
consignee and freight payers. At least information about consignor and
consignee has to be given</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Consignors declarartions, this
element contains either declarations of the original consignor or
declarations of the LeadRU as consignor</xs:documentation>
  </xs:annotation>

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="ConsignorDeclarationCode"/>
    <xs:element ref="DeclarationText" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>General information about the
complete consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorReference" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor's reference
concerning the complete consignment</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="InformationConsignee"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Information from the consignor
to the consignee relating to the consignment. This information is not to
commit the carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="WagonGroupInfo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor information
regarding the whole consignment. Comparable with the element WagonInfo, but
for all wagons.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="500"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">

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```

        <xs:annotation>
          <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DocumentType">
              <xs:annotation>
                <xs:documentation>Type code of attached
document. The UN/DIFACT 1001 list of codes is to be used to code
accompanying documents.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:int">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="999"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DocumentInformation"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Additional information
regarding the attached document may be entered here.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="Quantity" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Amount of the documents of the
specified type.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="DocumentTypeDescription"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Description of document type,
when it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Filename" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Filename of embedded pdf in
legacy system</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">

```

```

        <xs:maxLength value="35"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial
Specification</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CommercialSpecificationCode"/>
      <xs:element name="SpecificationText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with
free text</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
        <xs:annotation>
          <xs:documentation>additional carrier code
belonging to the given contract number</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
          <xs:documentation>additional contract number
according to the given carrier code.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
      <xs:element ref="PrepaidcodeCarrier"/>
      <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual
carrier so only one structure is needed for field 20 and 49. The carrier is
only allowed to apply changes, when ordered by the
consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent"/>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
          <xs:documentation>Additional
Charges</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Code">
              <xs:annotation>
                <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2"/>
                  <xs:pattern value="\d*[1-9]\d*" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Additional charges
description</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
  <xs:annotation>
    <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="ContractNumber">
        <xs:annotation>
          <xs:documentation>Number of customer
agreement.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Number of the
tariff.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary, but without check
digit)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>

```



```

</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Sectional
Invoicing</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Section" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Sectional
Invoicing</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Sectional invoicing
by</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="InvoicedSection">
              <xs:annotation>
                <xs:documentation>Information about the
section to be invoiced.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:choice>
                  <xs:element name="CountryCode"
type="CountryIdentISO">
                    <xs:annotation>
                      <xs:documentation>Invoiced section
specified by country</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="SectionCarrierCode"
type="CompanyCode">
                    <xs:annotation>
                      <xs:documentation>Invoiced section
specified by carrier</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                </xs:choice>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="DeclarationOfValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the value of the goods
and the currency code when the value exceeds the limit given in CIM Article
30 section 2.</xs:documentation>
  </xs:annotation>

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="Amount" type="Money_Type">
      <xs:annotation>
        <xs:documentation>Amount</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
      <xs:annotation>
        <xs:documentation>Currency abbreviation (ISO-
4217 alphanumeric)</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="InterestInDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount and currency
code of a special interest in delivery.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-
4217 alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CashOnDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount to be
collected on delivery and the currency code.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-
4217 alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="RouteSection" minOccurs="0"
maxOccurs="30">
        <xs:annotation>
            <xs:documentation>Route sequence Sequential
information about the complete routing of the consignment, the LeadRu
decides wether to provide this information or not</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SequenceID" type="xs:int">
                    <xs:annotation>
                        <xs:documentation>Position of the route section
in transport chain. Used to determine the exact way of the transport for
customs purposes.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:sequence>
                    <xs:element name="RouteCode">
                        <xs:annotation>
                            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
                        </xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="5"/>
                                <xs:pattern value="\d*[1-9]\d*0"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="RouteText" minOccurs="0">
                        <xs:annotation>
                            <xs:documentation>Description of the specific
route section</xs:documentation>
                        </xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="80"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
    <xs:element name="CustomsProcedures" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Customs
procedures</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="RU_Partner" minOccurs="0">

```

```

        <xs:annotation>
          <xs:documentation>Code of the RU entrusted of
customs procedures. </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Location"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs Data</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SimplifiedTransportProcedure"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Simplified transport procedure
is used (STP).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code for the principal
RU</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CustomsSurveillance">
        <xs:annotation>
          <xs:documentation>Good under customs
surveillance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CustomsEndorsements"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Reserved for endorsements by
customs or a consignor/consignee authorised by customs. Data element in
accordance with Regulation (EC) 1875/2006.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:element name="RU_Declarations" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Carriers
declaration</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
                <xs:annotation>
                  <xs:documentation>Details of the carriers
declaration.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="DeclaringRU"
type="CompanyCode">
                      <xs:annotation>
                        <xs:documentation>Code of carrier, who
added the declaration.</xs:documentation>
                      </xs:annotation>
                      </xs:element>
                      <xs:element ref="RU_DeclarationCode"/>
                      <xs:element ref="DeclarationText"
minOccurs="0"/>
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
              <xs:element name="DifferentAcceptance"
minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Details of the changes of the
acceptance point given by the consignor.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Variance of acceptance
point given in structure AcceptancePoint.</xs:documentation>
                      </xs:annotation>
                      </xs:element>
                    <xs:element name="DifferentAcceptanceDate"
minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Variance of acceptance
date given structure AcceptancePoint.</xs:documentation>
                      </xs:annotation>
                      <xs:simpleType>
                        <xs:restriction base="xs:dateTime"/>
                      </xs:simpleType>
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:complexType>

```

```

</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode"
type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code) of the carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of
Carrier</xs:documentation>
        </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Streetnumber of
carrier.</xs:documentation>
        </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="5"/>
        </xs:restriction>
      </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the
carrier</xs:documentation>
        </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
      </xs:element>
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="9"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode"
type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be
performed by the carrier. This can be a station OR a border crossing
point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of section to be performed
by the carrier. This can be a station OR a border crossing
point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of customer agreement
between the responsible and the operating carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>

```

```

        <xs:attribute name="sequenceID" type="xs:int">
        <xs:annotation>
        <xs:documentation>Position of carrier during
transport. </xs:documentation>
        </xs:annotation>
        </xs:attribute>
        </xs:complexType>
    </xs:element>
    <xs:element name="LeadCarrier">
    <xs:annotation>
    <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
    <xs:element name="CarrierCode" type="CompanyCode">
    <xs:annotation>
    <xs:documentation>Contractual carrier, railway
undertaking (Railway Code).</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="CarrierName" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Name of contractual
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="35"/>
    </xs:restriction>
    </xs:simpleType>
    </xs:element>
    <xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="5"/>
    </xs:restriction>
    </xs:simpleType>
    </xs:element>
    <xs:element name="Street" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="35"/>
    </xs:restriction>
    </xs:simpleType>
    </xs:element>
    <xs:element name="ZIPCode" minOccurs="0">

```



```

<xs:annotation>
  <xs:documentation>Postal Code</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="9"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode"
type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature of the contractual
carrier. When missing, the shipment number (CIM: 62) shall be used for
signature purposes.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut">
  <xs:annotation>
    <xs:documentation>Made out</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Place">
        <xs:annotation>
          <xs:documentation>Place on which the consignment
note was made out</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:element>
<xs:element name="Date" type="xs:date">
  <xs:annotation>
    <xs:documentation>Date at which the consignment
note was made out.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charges note</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ChargesNoteAvailable"
type="xs:boolean"/>
      <xs:element name="DateOfReturn" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date, when the destination
carrier sent the charges note back to the contractual
carrier.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CodeOfCause"/>
      <xs:element name="Description" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description for CodeOfCause
no. 9.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Place">
        <xs:annotation>
          <xs:documentation>Place of the
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Beginning">
      <xs:annotation>
        <xs:documentation>Beginning of the
extension.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Ending">
      <xs:annotation>
        <xs:documentation>End of
extension.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Charging section</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Start" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>Start of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="End" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>End of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CommercialRouteCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Route code (RIP) when the
customer agreement or the tariff applied provide for it. </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="3"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>

```

```

        <xs:documentation>Code for the currency of the
amounts entered in the charging section.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="Tariff" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="NHMCode" type="NHMCodeType">
                    <xs:annotation>
                        <xs:documentation>NHM code determining the
charges applicable.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="TariffNumber">
                    <xs:annotation>
                        <xs:documentation>Customer agreement or
tariff applied</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1"/>
                            <xs:maxLength value="6"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="ChargedMass" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Charged mass [weight in
kg]. As appropriate, area in m2 or the volume of the wagon or goods in m3 if
used as the basis for charging.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value">
                                <xs:simpleType>
                                    <xs:restriction base="xs:decimal">
                                        <xs:minInclusive value="1"/>
                                        <xs:totalDigits value="8"/>
                                        <xs:fractionDigits value="1"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:element>
                            <xs:element name="measure"
minOccurs="0">
                                <xs:simpleType>
                                    <xs:restriction base="xs:token">
                                        <xs:enumeration value="kg"/>
                                        <xs:enumeration value="m2"/>
                                        <xs:enumeration value="m3"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for
amounts to be paid by the consignor or consignee which are not expressed in
the invoicing currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance,
expressed in km or zones, between the stations or points corresponding to
the beginning and end of the charging section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance,
expressed in km, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance,
expressed in zones, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees,
deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">

```

```

        <xs:totalDigits value="4"/>
        <xs:minInclusive value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="FreightCharges"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges (paid
and due)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="Prepaid"
type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges
to be paid by the consignor in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Transferred"
type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges
to be paid by the consignee in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of
Prepaid</xs:documentation>
        <xs:documentation>Sum of
Transferred</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges
code</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="2"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:choice>
<xs:element name="Prepaid"

```

```

type="Money_Type">
    <xs:annotation>
    <xs:documentation>Prepaid</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Transferred"
type="Money_Type">
    <xs:annotation>
    <xs:documentation>Transferred</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
    <xs:annotation>
    <xs:documentation>Contains list of transported Goods,
Wagons and ITU etc.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="WagonPreviousNumberFreight"
minOccurs="0" maxOccurs="20">
    <xs:annotation>
    <xs:documentation>Identifies the previous freight
wagon if a shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="WagonIdent">
    <xs:length value="12"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
    <xs:annotation>
    <xs:documentation>The requested Date and Time for the
delivery of a wagon/Shipment or Intermodal units at customer
sidings</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 50 content complex
children	COM Header COM
annotation	documentation Message (all bounded optional elements are bounded to obligations of legacy systems)
source	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


```

        <xs:maxLength value="18">
        <xs:annotation>
        <xs:documentation>Use here a counter, any
system.</xs:documentation>
        </xs:annotation>
        </xs:maxLength>
        </xs:restriction>
        </xs:simpleType>
</xs:element>
<xs:element name="ShipmentType">
  <xs:annotation>
    <xs:documentation>Classification of the wagon order as
'CUV', 'CIM' or 'SMGS'.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="CIM">
        <xs:annotation>
          <xs:documentation>Regular transport, according in
basic to the CIM consignment note.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CUV">
        <xs:annotation>
          <xs:documentation>Transport of empty wagons. If loaded
and empty wagons are withing the same shipment, then the ShipmentType has to
be set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="SMGS"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
  <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime"/>
  </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Internal identification number of the Wo.
This information is important to be able to identify the COM even after
modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY =
year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="19"/>
      <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

```

<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number has to
    be incremented after each modification. On creation this value has to be
    set to 0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or
    CIM-CN for combined traffic. This information assures, that the same paper
    document will be used for the 'duplicate of the consignment note' and the
    final print out of the ECN for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to be used
          for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be used for
          print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU /
    contractual carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
          applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfModifiedVersion">
        <xs:annotation>
          <xs:documentation>Version number of the modified
message (as also written into
COMHeader/COMVersionNumber).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="COM">
  <xs:annotation>
    <xs:documentation>Consignment order message</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="AcceptancePoint">
        <xs:annotation>
          <xs:documentation>Description of location and time for the
take over of the consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element name="AcceptanceDate" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Date and time (month, day and hour)
at which the goods were accepted. </xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ConsignmentNumber">
              <xs:annotation>
                <xs:documentation>Running number and check digit of
the consignment between Lead RU and customer. Format: NNNNNC The number
consists of NNNNN = running number C = check digit, </xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="6"/>
                  <xs:pattern value="\d*[1-9]\d*"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ForwardingTrainNumber" minOccurs="0">
              <xs:annotation>

```

```

        <xs:documentation>Train number at shipping
</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="6"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
            <xs:documentation>Code of the shipping carrier
mentioned in the consignment number.</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
    <xs:annotation>
        <xs:documentation>Description of location and time for the
hand over of the consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
    <xs:annotation>
        <xs:documentation>Information about the consignor, consignee
and freight payers. At least information about consignor and consignee has
to be given</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Consignors declarartions, this element
contains either declarations of the original consignor or declarations of
the LeadRU as consignor</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="ConsignorDeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
    </xs:annotation>

```

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<xs:complexType>
  <xs:sequence>
    <xs:element name="ConsignorReference" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Consignor's reference concerning the
complete consignment</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="InformationConsignee" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Information from the consignor to
the consignee relating to the consignment. This information is not to commit
the carrier.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="350"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="WagonGroupInfo" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Consignor information regarding the
whole consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="500"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>

```

```

        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DocumentInformation" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="Quantity" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Amount of the documents of the
specified type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DocumentTypeDescription" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Description of document type, when
it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Filename" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="StatusOfDocument" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial
Specification</xs:documentation>
  </xs:annotation>

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="CommercialSpecificationCode"/>
    <xs:element name="SpecificationText" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="350"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional carrier code belonging to
the given contract number</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional contract number according
to the given carrier code.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1">
            <xs:annotation>
              <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
            </xs:annotation>
          </xs:minLength>
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:choice>
        </xs:complexType>
    </xs:element>
    <xs:element ref="PrepaidcodeCarrier"/>
    <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual
carrier so only one structure is needed for field 20 and 49. The carrier is
only allowed to apply changes, when ordered by the
consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:complexContent>
                <xs:extension base="LocationIdent"/>
            </xs:complexContent>
        </xs:complexType>
    </xs:element>
    <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
            <xs:documentation>Additional
Charges</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="Code">
                    <xs:annotation>
                        <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:length value="2"/>
                            <xs:pattern value="\d*[1-9]\d*"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="Description" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Additional charges
description</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1"/>
                            <xs:maxLength value="35"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
    <xs:annotation>

```



```

        <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:choice>
        <xs:element name="ContractNumber">
        <xs:annotation>
        <xs:documentation>Number of customer
agreement.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
        <xs:minLength value="1">
        <xs:annotation>
        <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
        </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:element name="TariffNumber">
        <xs:annotation>
        <xs:documentation>Number of the
tariff.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
        <xs:minLength value="1">
        <xs:annotation>
        <xs:documentation>has to be sent as n6 (with
leading zeros if necessary, but without check digit)</xs:documentation>
        </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
        <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
    </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Sectional Invoicing</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
        <xs:element name="Section" minOccurs="0" maxOccurs="30">
        <xs:annotation>
        <xs:documentation>Sectional
Invoicing</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
            <xs:element name="InvoicingCarrierCode"
type="CompanyCode">

```

```

        <xs:annotation>
          <xs:documentation>Sectional invoicing
by</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="InvoicedSection">
        <xs:annotation>
          <xs:documentation>Information about the section
to be invoiced.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element name="CountryCode"
type="CountryIdentISO">
              <xs:annotation>
                <xs:documentation>Invoiced section
specified by country</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="SectionCarrierCode"
type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Invoiced section
specified by carrier</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeclarationOfValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the value of the goods and the
currency code when the value exceeds the limit given in CIM Article 30
section 2.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="InterestInDelivery" minOccurs="0">

```

```

    <xs:annotation>
      <xs:documentation>Details of the amount and currency code of
a special interest in delivery.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CashOnDelivery" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Details of the amount to be collected on
delivery and the currency code.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
    <xs:annotation>
      <xs:documentation>Route sequence Sequential information
about the complete routing of the consignment, the LeadRu decides wether to
provide this information or not</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="SequenceID" type="xs:int">
          <xs:annotation>
            <xs:documentation>Position of the route section in
transport chain. Used to determine the exact way of the transport for
customs purposes.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RouteCode">

```

```

        <xs:annotation>
          <xs:documentation>Route code (International
RouteCode)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="5"/>
            <xs:pattern value="\d*[1-9]\d*0"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="RouteText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description of the specific route
section</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="80"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs procedures</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RU_Partner" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Location"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs Data</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SimplifiedTransportProcedure"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Simplified transport procedure is
used (STP).</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

        <xs:restriction base="xs:boolean"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Code for the principal
RU</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CustomsSurveillance">
      <xs:annotation>
        <xs:documentation>Good under customs
surveillance</xs:documentation>
      </xs:annotation>
    </xs:simpleType>
    <xs:restriction base="xs:boolean"/>
  </xs:simpleType>
</xs:element>
<xs:element name="CustomsEndorsements" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Reserved for endorsements by customs
or a consignor/consignee authorised by customs. Data element in accordance
with Regulation (EC) 1875/2006.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DeclaringRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="RU_DeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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```

        </xs:complexType>
      </xs:element>
      <xs:element name="DifferentAcceptance" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Details of the changes of the
acceptance point given by the consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Variance of acceptance point
given in structure AcceptancePoint.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="DifferentAcceptanceDate"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Variance of acceptance date
given structure AcceptancePoint.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode"
type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway Code)
of the carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Name of street of the
carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be performed by

```

```

the carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionTo" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>End of section to be performed by
the carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of customer agreement between
the responsible and the operating carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1">
          <xs:annotation>
            <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
          </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
<xs:attribute name="sequenceID" type="xs:int">
  <xs:annotation>
    <xs:documentation>Position of carrier during transport.
</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
  <xs:annotation>
    <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Contractual carrier, railway
undertaking (Railway Code).</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of contractual
carrier</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:restriction base="xs:string">

```



```

        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Streetnumber of
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Country Code (ISO
Code)</xs:documentation>
    </xs:annotation>
</xs:element>

```

```

<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature of the contractual
carrier. When missing, the shipment number (CIM: 62) shall be used for
signature purposes.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut">
  <xs:annotation>
    <xs:documentation>Made out</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Place">
        <xs:annotation>
          <xs:documentation>Place on which the consignment note
was made out</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Date" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date at which the consignment note
was made out.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charges note</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ChargesNoteAvailable"
type="xs:boolean"/>
      <xs:element name="DateOfReturn" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date, when the destination carrier
sent the charges note back to the contractual carrier.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="CodeOfCause"/>
          <xs:element name="Description" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="180"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Place">
            <xs:annotation>
              <xs:documentation>Place of the
extension.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="180"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Beginning">
            <xs:annotation>
              <xs:documentation>Beginning of the
extension.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:dateTime"/>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Ending">
            <xs:annotation>
              <xs:documentation>End of extension.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:dateTime"/>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="ChargingSections" maxOccurs="15">
      <xs:annotation>
        <xs:documentation>Charging section</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>

```

```

<xs:element name="Start" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of the charging
section</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="End" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of the charging
section</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CommercialRouteCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="3"/>
      <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode" type="CurrencyCode_Type">
  <xs:annotation>
    <xs:documentation>Code for the currency of the amounts
entered in the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the
charges applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in kg].

```

As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation>

```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="value">
      <xs:simpleType>
        <xs:restriction base="xs:decimal">
          <xs:minInclusive value="1"/>
          <xs:totalDigits value="8"/>
          <xs:fractionDigits value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="measure" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="kg"/>
          <xs:enumeration value="m2"/>
          <xs:enumeration value="m3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
```

Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation>

```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:decimal">
    <xs:totalDigits value="18"/>
    <xs:fractionDigits value="3"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
```

Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>

```
</xs:annotation>
<xs:complexType>
  <xs:choice>
    <xs:element name="KM">
      <xs:annotation>
        <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:choice>
</xs:complexType>
```

```

        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance,
expressed in zones, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees,
deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be
paid by the consignor in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Transferred"
type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be
paid by the consignee in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">

```

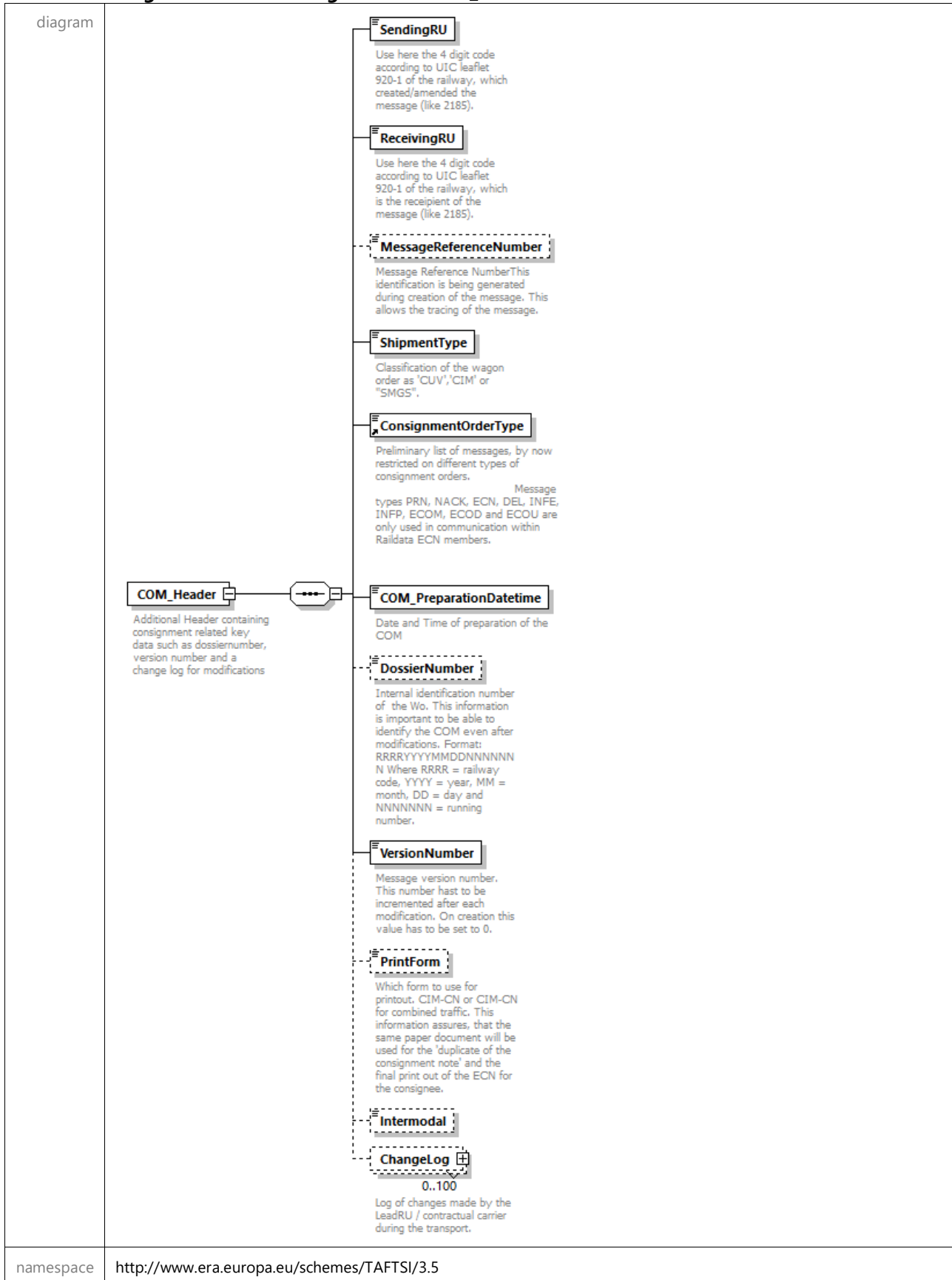
```

        <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of Prepaid</xs:documentation>
        <xs:documentation>Sum of
Transferred</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
        <xs:element name="Code">
        <xs:annotation>
        <xs:documentation>Additional charges
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="2"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:choice>
        <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
        <xs:documentation>Prepaid</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="Transferred" type="Money_Type">
        <xs:annotation>
        <xs:documentation>Transferred</xs:documentation>
        </xs:annotation>
        </xs:element>
        </xs:choice>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
        <xs:annotation>
        <xs:documentation>Contains list of transported Goods, Wagons
and ITU etc.</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
        <xs:annotation>
        <xs:documentation>Identifies the previous freight wagon if a
shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="WagonIdent">
        <xs:length value="12"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>

```

```
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The requested Date and Time for the
delivery of a wagon/Shipment or Intermodal units at customer
sidings</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```


element **ConsignmentOrderMessage/COMS/COM_Header**



properties	content complex
children	SendingRU ReceivingRU MessageReferenceNumber ShipmentType ns1:ConsignmentOrderType COM_PreparationDatetime DossierNumber VersionNumber PrintForm Intermodal ChangeLog
annotation	documentation Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications
source	<pre> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV','CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to </pre>

```

the CIM consignment note.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CUV">
  <xs:annotation>
    <xs:documentation>Transport of empty wagons. If loaded and
empty wagons are withing the same shipment, then the ShipmentType has to be
set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="SMGS"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
  <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime"/>
  </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Internal identification number of the Wo. This
information is important to be able to identify the COM even after
modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY =
year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="19"/>
      <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number hast to be
incremented after each modification. On creation this value has to be set to
0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN
for combined traffic. This information assures, that the same paper document
will be used for the 'duplicate of the consignment note' and the final print
out of the ECN for the consignee.</xs:documentation>

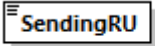
```

```

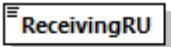
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="WLT">
      <xs:annotation>
        <xs:documentation>Wagon load transport form to be used for
print-out.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="CT">
      <xs:annotation>
        <xs:documentation>Combined traffic form to be used for
print-out.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual
carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfModifiedVersion">
        <xs:annotation>
          <xs:documentation>Version number of the modified message (as
also written into COMHeader/COMVersionNumber).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM_Header/SendingRU**

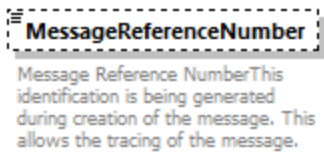
diagram	 <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).												
source	<pre><xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU**

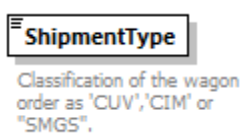
diagram	 <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).												
source	<pre><xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>												

	<code></xs:element></code>
--	----------------------------------

element **ConsignmentOrderMessage/COMS/COM_Header/MessageReferenceNumber**

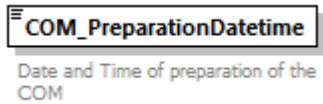
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>18</td> <td>documentation Use here a counter, any system.</td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	18	documentation Use here a counter, any system.
Kind	Value	Annotation								
minLength	1									
maxLength	18	documentation Use here a counter, any system.								
annotation	documentation Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.									
source	<pre><xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM_Header/ShipmentType**

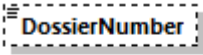
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:token						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIM</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIM	documentation
Kind	Value	Annotation					
enumeration	CIM	documentation					

	<p>enumeration CUV Regular transport, according in basic to the CIM consignment note. documentation Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</p> <p>enumeration SMGS</p>
annotation	<p>documentation Classification of the wagon order as 'CUV','CIM' or "SMGS".</p>
source	<pre><xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV','CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SMGS"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

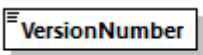
element **ConsignmentOrderMessage/COMS/COM_Header/COM_PreparationDatetime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	<p>documentation Date and Time of preparation of the COM</p>
source	<pre><xs:element name="COM_PreparationDatetime"> <xs:annotation> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM_Header/DossierNumber**


diagram	 <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYMMDDNNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 19 pattern \d{4}20\d{2}[0-1][0-9][0-3]\d{8}
annotation	documentation Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.
source	<pre><xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM_Header/VersionNumber**

diagram	 <p>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple

facets	Kind minInclusive maxInclusive	Value 0 100	Annotation
annotation	documentation	Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.	
source	<pre><xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **ConsignmentOrderMessage/COMS/COM_Header/PrintForm**

diagram	 <p>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	minOcc maxOcc content	0 1 simple	
facets	Kind enumeration enumeration	Value WLT CT	Annotation documentation Wagon load transport form to be used for print-out. documentation Combined traffic form to be used for print-out.
annotation	documentation	Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.	
source	<pre><xs:element name="PrintForm" minOccurs="0"> <xs:annotation> <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="WLT"></pre>		

	<pre> <xs:annotation> <xs:documentation>Wagon load transport form to be used for print- out.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CT"> <xs:annotation> <xs:documentation>Combined traffic form to be used for print- out.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM_Header/Intermodal**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:byte
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern 0 1
source	<pre> <xs:element name="Intermodal" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:byte"> <xs:pattern value="0 1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog**

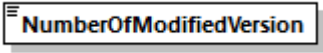
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 100 content complex
children	DateTime NumberOfModifiedVersion
annotation	documentation Log of changes made by the LeadRU / contractual carrier during the transport.

source	<pre> <xs:element name="ChangeLog" minOccurs="0" maxOccurs="100"> <xs:annotation> <xs:documentation>Log of changes made by the LeadRU / contractual carrier during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	---

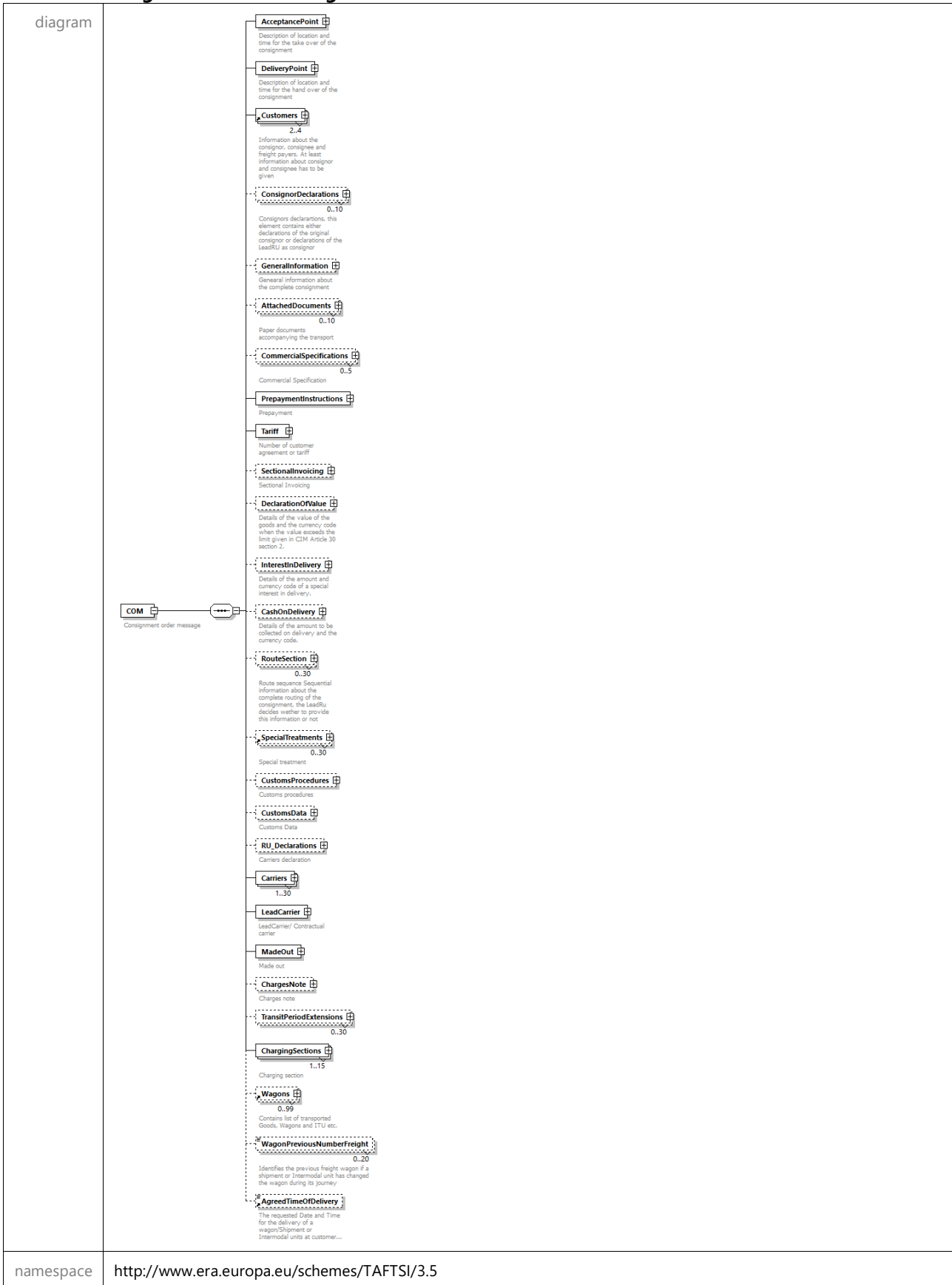
element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/DateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/NumberOfModifiedVersion**

diagram	 <p>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple
annotation	documentation Version number of the modified message (as also written into COMHeader/COMVersionNumber).
source	<pre> <xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM**



properties	content complex
children	AcceptancePoint DeliveryPoint Customers ConsignorDeclarations GeneralInformation AttachedDocuments CommercialSpecifications PrepaymentInstructions Tariff SectionalInvoicing DeclarationOfValue InterestInDelivery CashOnDelivery RouteSection SpecialTreatments CustomsProcedures CustomsData RU Declarations Carriers LeadCarrier MadeOut ChargesNote TransitPeriodExtensions ChargingSections Wagons WagonPreviousNumberFreight AgreedTimeOfDelivery
annotation	documentation Consignment order message
source	<pre> <xs:element name="COM"> <xs:annotation> <xs:documentation>Consignment order message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        </xs:element>
        <xs:element name="CarrierCode" type="CompanyCode">
          <xs:annotation>
            <xs:documentation>Code of the shipping carrier mentioned in
the consignment number.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="DeliveryPoint">
    <xs:annotation>
      <xs:documentation>Description of location and time for the hand
over of the consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="Station"/>
        <xs:element ref="RP_Code" minOccurs="0"/>
        <xs:element ref="ProductionStation" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element ref="Customers" minOccurs="2" maxOccurs="4">
    <xs:annotation>
      <xs:documentation>Information about the consignor, consignee and
freight payers. At least information about consignor and consignee has to be
given</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10">
    <xs:annotation>
      <xs:documentation>Consignors declarartions, this element contains
either declarations of the original consignor or declarations of the LeadRU
as consignor</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="ConsignorDeclarationCode"/>
        <xs:element ref="DeclarationText" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
      <xs:documentation>General information about the complete
consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="ConsignorReference" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Consignor's reference concerning the
complete consignment</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>

```

```

        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="InformationConsignee" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Information from the consignor to the
consignee relating to the consignment. This information is not to commit the
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="350"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="WagonGroupInfo" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="500"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DocumentInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
        </xs:annotation>

```



```

        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Quantity" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="DocumentTypeDescription" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description of document type, when it is
not in the UN/EDIFACT 1001 list included.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Filename" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="StatusOfDocument" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial Specification</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CommercialSpecificationCode"/>
      <xs:element name="SpecificationText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with free
text</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0"
maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional carrier code belonging to the
given contract number</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ContractNumber" minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional contract number according to
the given carrier code.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1">
            <xs:annotation>
              <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
            </xs:annotation>
          </xs:minLength>
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
      <xs:element ref="PrepaidcodeCarrier"/>
      <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charges Paid Up To ... This information is
being sent by the consignor in agreement with the contractual carrier so
only one structure is needed for field 20 and 49. The carrier is only
allowed to apply changes, when ordered by the consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:complexContent>

```

```

        <xs:extension base="LocationIdent"/>
    </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Additional Charges</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges code according
CIT GLV-CIM appendix 3</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="2"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Additional charges
description</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
    <xs:annotation>
        <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="ContractNumber">
                <xs:annotation>
                    <xs:documentation>Number of customer
agreement.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1">
                            <xs:annotation>
                                <xs:documentation>has to be sent as n6 (with leading

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zeros if necessary)</xs:documentation>
  </xs:annotation>
  </xs:minLength>
  <xs:maxLength value="6"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="TariffNumber">
  <xs:annotation>
    <xs:documentation>Number of the tariff.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6 (with leading
zeros if necessary, but without check digit)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Sectional Invoicing</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Section" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Sectional Invoicing</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Sectional invoicing
by</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="InvoicedSection">
              <xs:annotation>
                <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:choice>
                  <xs:element name="CountryCode"
type="CountryIdentISO">
                    <xs:annotation>
                      <xs:documentation>Invoiced section specified by
country</xs:documentation>
                    </xs:annotation>

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        </xs:annotation>
      </xs:element>
      <xs:element name="SectionCarrierCode"
type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Invoiced section specified by
carrier</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeclarationOfValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the value of the goods and the
currency code when the value exceeds the limit given in CIM Article 30
section 2.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="InterestInDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount and currency code of a
special interest in delivery.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CashOnDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount to be collected on
delivery and the currency code.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence Sequential information about the
complete routing of the consignment, the LeadRu decides wether to provide
this information or not</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element name="RouteCode">
          <xs:annotation>
            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="5"/>
              <xs:pattern value="\d*[1-9]\d*0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="RouteText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>

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        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="80"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs procedures</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="RU_Partner" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="Location"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code for the principal
RU</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CustomsSurveillance">
                <xs:annotation>
                    <xs:documentation>Good under customs
surveillance</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CustomsEndorsements" minOccurs="0">

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        <xs:annotation>
          <xs:documentation>Reserved for endorsements by customs or a
consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DeclaringRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="RU_DeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DifferentAcceptance" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Details of the changes of the acceptance
point given by the consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Variance of acceptance point given
in structure AcceptancePoint.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="DifferentAcceptanceDate" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Variance of acceptance date given
structure AcceptancePoint.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

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        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway Code) of the
carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Streetnumber of
carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the
carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>

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```

        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="City" minOccurs="0">
    <xs:annotation>
      <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Country Code (ISO Code)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionFrom" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>Start of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionTo" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>End of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of customer agreement between the
responsible and the operating carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1">
          <xs:annotation>
            <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>

```

```

        </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
<xs:attribute name="sequenceID" type="xs:int">
    <xs:annotation>
        <xs:documentation>Position of carrier during transport.
</xs:documentation>
    </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
    <xs:annotation>
        <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Contractual carrier, railway undertaking
(Railway Code).</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CarrierName" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of contractual
carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="StreetNumber" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="5"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Street" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of street of the
carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>

```

```

        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  <xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="City" minOccurs="0">
    <xs:annotation>
      <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Country Code (ISO Code)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Signature" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Signature of the contractual carrier. When
missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut">
  <xs:annotation>
    <xs:documentation>Made out</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Place">
        <xs:annotation>

```

```

        <xs:documentation>Place on which the consignment note was
made out</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Date" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date at which the consignment note was
made out.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charges note</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ChargesNoteAvailable" type="xs:boolean"/>
      <xs:element name="DateOfReturn" type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date, when the destination carrier sent
the charges note back to the contractual carrier.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CodeOfCause"/>
      <xs:element name="Description" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="180"/>
  </xs:restriction>
</xs:element>
<xs:element name="Place">
  <xs:annotation>
    <xs:documentation>Place of the extension.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">

```

```

        <xs:minLength value="1"/>
        <xs:maxLength value="180"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Beginning">
    <xs:annotation>
        <xs:documentation>Beginning of the
extension.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
<xs:element name="Ending">
    <xs:annotation>
        <xs:documentation>End of extension.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
    <xs:annotation>
        <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Start" type="LocationIdent">
                <xs:annotation>
                    <xs:documentation>Start of the charging
section</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="End" type="LocationIdent">
                <xs:annotation>
                    <xs:documentation>End of the charging
section</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CommercialRouteCode" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="3"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                <xs:annotation>
                    <xs:documentation>Code for the currency of the amounts

```

```

entered in the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m2 or the volume of the wagon or goods in m3 if used as
the basis for charging.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value">
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:minInclusive value="1"/>
                  <xs:totalDigits value="8"/>
                  <xs:fractionDigits value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="measure" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:token">
                  <xs:enumeration value="kg"/>
                  <xs:enumeration value="m2"/>
                  <xs:enumeration value="m3"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">

```

```

    <xs:annotation>
      <xs:documentation>Exchange rate for amounts to be paid
by the consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:decimal">
        <xs:totalDigits value="18"/>
        <xs:fractionDigits value="3"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Distance" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Tariff distance, expressed in km or
zones, between the stations or points corresponding to the beginning and end
of the charging section.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:choice>
        <xs:element name="KM">
          <xs:annotation>
            <xs:documentation>Tariff distance, expressed in
km, between the stations or points corresponding to the beginning and end of
the charging section.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99999"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Zones">
          <xs:annotation>
            <xs:documentation>Tariff distance, expressed in
zones, between the stations or points corresponding to the beginning and end
of the charging section.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="99"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:choice>
    </xs:complexType>
  </xs:element>
  <xs:element name="Fee" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Supplements, fees,
deductions</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:int">
        <xs:totalDigits value="4"/>
        <xs:minInclusive value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

```



```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="FreightCharges" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:choice>
          <xs:element name="Prepaid" type="Money_Type">
            <xs:annotation>
              <xs:documentation>Carriage charges to be paid by
the consignor in the tariff currency.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="Transferred" type="Money_Type">
            <xs:annotation>
              <xs:documentation>Carriage charges to be paid by
the consignee in the tariff currency.</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:choice>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation/>
    <xs:documentation>Sum of Prepaid</xs:documentation>
    <xs:documentation>Sum of Transferred</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Additional charges
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:choice>
        <xs:element name="Prepaid" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Prepaid</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="Transferred" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Transferred</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
  <xs:annotation>
    <xs:documentation>Contains list of transported Goods, Wagons and
ITU etc.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
  <xs:annotation>
    <xs:documentation>Identifies the previous freight wagon if a
shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="WagonIdent">
      <xs:length value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The requested Date and Time for the delivery of
a wagon/Shipment or Intermodal units at customer sidings</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

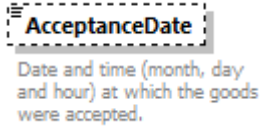
```

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint**

<p>diagram</p>	<p>AcceptancePoint Description of location and time for the take over of the consignment</p> <ul style="list-style-type: none"> Station: Details of station serving the point RP_Code: Routing point code of the production station of the acceptance or delivery point. ProductionStation: Details of production station serving the point, this element is used if the productional station differs from the commercial station AcceptanceDate: Date and time (month, day and hour) at which the goods were accepted. ConsignmentNumber: Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC. The number consists of NNNNN = running number C = check digit. ForwardingTrainNumber: Train number at shipping CarrierCode: Code of the shipping carrier mentioned in the consignment number.
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Station RP_Code ProductionStation AcceptanceDate ConsignmentNumber ForwardingTrainNumber CarrierCode</p>
<p>annotation</p>	<p>documentation Description of location and time for the take over of the consignment</p>
<p>source</p>	<pre><xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

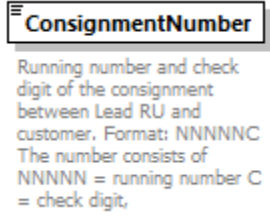
	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/AcceptanceDate**

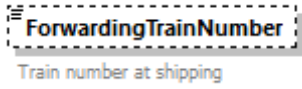
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date and time (month, day and hour) at which the goods were accepted.
source	<pre> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ConsignmentNumber**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element WIMO Dataset/ConsignmentLevelData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit,									
source	<pre> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ForwardingTrainNumber**

diagram					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5				
type	restriction of xs:string				
properties	<table border="1"> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table>	minOcc	0	maxOcc	1
minOcc	0				
maxOcc	1				

	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	6	
Kind	Value	Annotation								
minLength	1									
maxLength	6									
annotation	documentation Train number at shipping									
source	<pre><xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the shipping carrier mentioned in the consignment number.												
source	<pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/DeliveryPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Station RP_Code ProductionStation
annotation	documentation Description of location and time for the hand over of the consignment
source	<pre> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	ns1:ConsignorDeclarationCode DeclarationText
annotation	documentation Consignors declarartions, this element contains either declarations of the original consignor or declarations of the

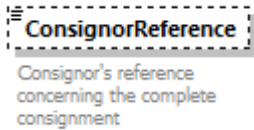
	LeadRU as consignor
source	<pre> <xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsignorDeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation**

diagram	<pre> classDiagram class GeneralInformation { ConsignorReference InformationConsignee WagonGroupInfo } class ConsignorReference { Consignor's reference concerning the complete consignment } class InformationConsignee { Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier. } class WagonGroupInfo { Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons. } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference InformationConsignee WagonGroupInfo
annotation	documentation General information about the complete consignment
source	<pre> <xs:element name="GeneralInformation" minOccurs="0"> <xs:annotation> <xs:documentation>General information about the complete consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

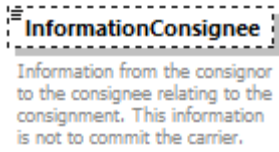
	<pre> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="InformationConsignee" minOccurs="0"> <xs:annotation> <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/ConsignorReference**

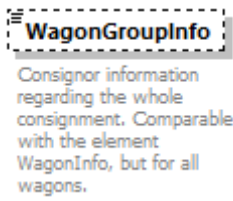
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Consignor's reference concerning the complete consignment
source	<pre> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete </pre>

	<pre> consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/InformationConsignee**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.									
source	<pre> <xs:element name="InformationConsignee" minOccurs="0"> <xs:annotation> <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/WagonGroupInfo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 500
annotation	documentation Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.
source	<pre> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments**


<p>diagram</p>	<p>AttachedDocuments 0..10 Paper documents accompanying the transport</p> <p>DocumentType Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p> <p>DocumentInformation Additional information regarding the attached document may be entered here.</p> <p>Quantity Amount of the documents of the specified type.</p> <p>DocumentTypeDescription Description of document type, when it is not in the UN/EDIFACT 1001 list included.</p> <p>Filename Filename of embedded pdf in legacy system</p> <p>StatusOfDocument Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN ...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 10 content complex</p>
<p>children</p>	<p>DocumentType DocumentInformation Quantity DocumentTypeDescription Filename StatusOfDocument</p>
<p>annotation</p>	<p>documentation Paper documents accompanying the transport</p>
<p>source</p>	<pre><xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Paper documents accompanying the transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType></pre>

```


        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DocumentInformation" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional information regarding the attached
document may be entered here.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="Quantity" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DocumentTypeDescription" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Description of document type, when it is not in
the UN/EDIFACT 1001 list included.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Filename" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="StatusOfDocument" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentType**

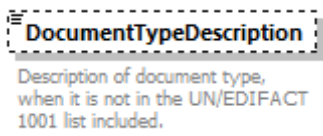
diagram	 <p>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.									
source	<pre><xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentInformation**

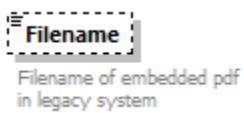
diagram	 <p>Additional information regarding the attached document may be entered here.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Additional information regarding the attached document may be entered here.									
source	<pre><xs:element name="DocumentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation></pre>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentTypeDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Description of document type, when it is not in the UN/EDIFACT 1001 list included.									
source	<pre> <xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/Filename**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 35
annotation	documentation Filename of embedded pdf in legacy system
source	<pre><xs:element name="Filename" minOccurs="0"> <xs:annotation> <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications**

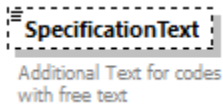
diagram	<p>The diagram shows a class CommercialSpecifications (multiplicity 0..5) containing a sequence of four elements: CommercialSpecificationCode (multiplicity 0..10), SpecificationText (multiplicity 0..10), CarrierCode (multiplicity 0..10), and ContractNumber (multiplicity 0..10). Each element has a brief description: Commercial specifications code, Additional Text for codes with free text, additional carrier code belonging to the given contract number, and additional contract number according to the given carrier code.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 5 content complex
children	ns1:CommercialSpecificationCode SpecificationText CarrierCode ContractNumber
annotation	documentation Commercial Specification
source	<pre><xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Commercial Specification</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CommercialSpecificationCode"/> <xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierCode" minOccurs="0"> <xs:annotation> <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ContractNumber" minOccurs="0"> <xs:annotation> <xs:documentation>additional contract number according to the given carrier code.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>


```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="350"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>additional carrier code belonging to the given
contract number</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ContractNumber" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>additional contract number according to the
given carrier code.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6 (with leading zeros
if necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

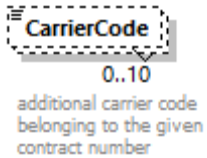
```

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/SpecificationText**

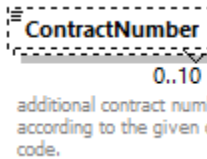
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Additional Text for codes with free text									
source	<xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free									

	<pre> text</xs:documentation> </xs:annotation> </xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 10 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation additional carrier code belonging to the given contract number												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/ContractNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 10 content simple
used by	element WIMO Dataset/ConsignmentLevelData

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									
annotation	documentation additional contract number according to the given carrier code.									
source	<pre><xs:element name="ContractNumber" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional contract number according to the given carrier code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PrepaymentCustomer ns1:PrepaidcodeCarrier PaidUpTo AdditionalCharges
annotation	documentation Prepayment
source	<pre><xs:element name="PrepaymentInstructions"> <xs:annotation></pre>

```

<xs:documentation>Prepayment</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="PrepaymentCustomer" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:choice>
          <xs:element ref="PrepaidCodeCustomer"/>
          <xs:element ref="IncotermCode"/>
        </xs:choice>
      </xs:complexType>
    </xs:element>
    <xs:element ref="PrepaidcodeCarrier"/>
    <xs:element name="PaidUpTo" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Charges Paid Up To ... This information is being
sent by the consignor in agreement with the contractual carrier so only one
structure is needed for field 20 and 49. The carrier is only allowed to
apply changes, when ordered by the consignor.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:complexContent>
          <xs:extension base="LocationIdent"/>
        </xs:complexContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5">
      <xs:annotation>
        <xs:documentation>Additional Charges</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Code">
            <xs:annotation>
              <xs:documentation>Additional charges code according CIT GLV-
CIM appendix 3</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="2"/>
                <xs:pattern value="\d*[1-9]\d*"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Description" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Additional charges
description</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PrepaymentCustomer**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>ns1:PrepaidCodeCustomer ns1:IncotermCode</p>
<p>annotation</p>	<p>documentation Prepaidcode (given by the client)</p>
<p>source</p>	<pre> <xs:element name="PrepaymentCustomer" minOccurs="0"> <xs:annotation> <xs:documentation>Prepaidcode (given by the client)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="PrepaidCodeCustomer"/> <xs:element ref="IncotermCode"/> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo**

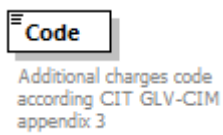
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</p>
<p>source</p>	<pre><xs:element name="PaidUpTo" minOccurs="0"> <xs:annotation> <xs:documentation>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges**

<p>diagram</p>	
----------------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 5 content complex
children	Code Description
annotation	documentation Additional Charges
source	<pre> <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Code**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	2	
Kind	Value	Annotation					
length	2						

	pattern \d*[1-9]\d*
annotation	documentation Additional charges code according CIT GLV-CIM appendix 3
source	<pre><xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element

ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Description

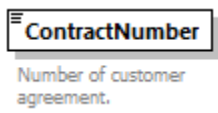
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Additional charges description									
source	<pre><xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/Tariff**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ContractNumber TariffNumber
annotation	documentation Number of customer agreement or tariff
source	<pre> <xs:element name="Tariff"> <xs:annotation> <xs:documentation>Number of customer agreement or tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </pre>

	<code></xs:element></code>
--	----------------------------------

element **ConsignmentOrderMessage/COMS/COM/Tariff/ContractNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element WIMO Dataset/ConsignmentLevelData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									
annotation	documentation Number of customer agreement.									
source	<pre><xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/Tariff/TariffNumber**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)	maxLength	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation											
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)											
maxLength	6												
pattern	\d*[1-9]\d*												
annotation	documentation Number of the tariff.												

source	<pre> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Section
annotation	documentation Sectional Invoicing
source	<pre> <xs:element name="SectionalInvoicing" minOccurs="0"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> </xs:complexType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

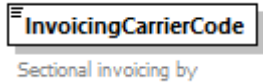
element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 30 content complex
children	InvoicingCarrierCode InvoicedSection
annotation	documentation Sectional Invoicing
source	<pre> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> </pre>

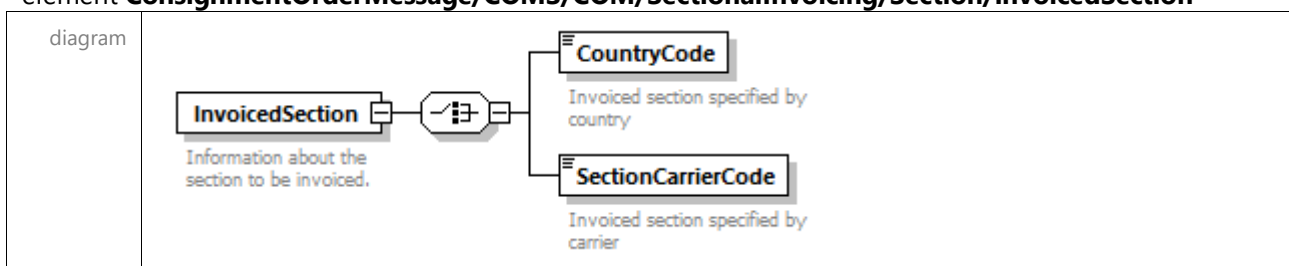
```

<xs:complexType>
  <xs:choice>
    <xs:element name="CountryCode" type="CountryIdentISO">
      <xs:annotation>
        <xs:documentation>Invoiced section specified by
country</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SectionCarrierCode" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Invoiced section specified by
carrier</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Sectional invoicing by												
source	<pre> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> </pre>												

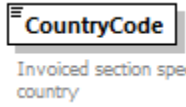
element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CountryCode SectionCarrierCode
annotation	documentation Information about the section to be invoiced.
source	<pre> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

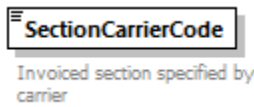
element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode

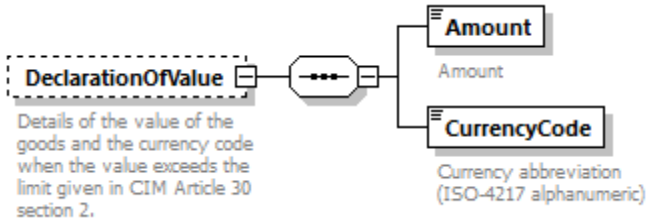
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Invoiced section specified by country									
source	<pre> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> </pre>									

element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Invoiced section specified by carrier												
source	<pre><xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue**

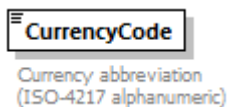
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	Amount CurrencyCode						
annotation	documentation Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.						
source	<pre><xs:element name="DeclarationOfValue" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>						

	<pre> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									
source	<pre> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	CurrencyCode_Type						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </pre>						

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery**

diagram	<p>InterestInDelivery Details of the amount and currency code of a special interest in delivery.</p> <p>Amount Amount</p> <p>CurrencyCode Currency abbreviation (ISO-4217 alphanumeric)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Amount CurrencyCode
annotation	documentation Details of the amount and currency code of a special interest in delivery.
source	<pre><xs:element name="InterestInDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount and currency code of a special interest in delivery.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount**

diagram	<p>Amount Amount</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									

source	<pre><xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element></pre>
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element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode**

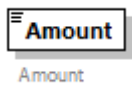
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	CurrencyCode Type						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<pre><xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element></pre>						

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Amount CurrencyCode
annotation	documentation Details of the amount to be collected on delivery and the currency code.
source	<pre><xs:element name="CashOnDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount to be collected on delivery and the currency code.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation></pre>

	<pre> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									
source	<pre> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	CurrencyCode_Type						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </pre>						

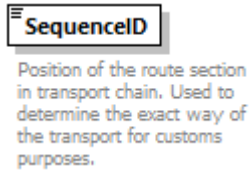
</xs:element>

element **ConsignmentOrderMessage/COMS/COM/RouteSection**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 30 content complex</p>
<p>children</p>	<p>SequenceID RouteCode RouteText</p>
<p>annotation</p>	<p>documentation Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</p>
<p>source</p>	<pre><xs:element name="RouteSection" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> <xs:element name="RouteText" minOccurs="0"></pre>

	<pre> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/RouteSection/SequenceID**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:int
properties	content simple
annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RouteSection/RouteCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>5</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*0</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	5		pattern	\d*[1-9]\d*0	
Kind	Value	Annotation								
length	5									
pattern	\d*[1-9]\d*0									

annotation	documentation Route code (International RouteCode)
source	<pre> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RouteSection/RouteText**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>80</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	documentation Description of the specific route section									
source	<pre> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/CustomsProcedures**

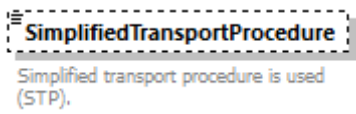
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RU_Partner Location
annotation	documentation Customs procedures
source	<pre> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Code of the RU entrusted of customs procedures. </xs:documentation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData**

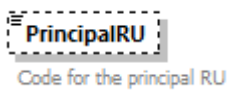
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	minOcc 0 maxOcc 1 content complex
children	SimplifiedTransportProcedure PrincipalRU CustomsSurveillance CustomsEndorsements
annotation	documentation Customs Data
source	<pre> <xs:element name="CustomsData" minOccurs="0"> <xs:annotation> <xs:documentation>Customs Data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure**

diagram	 <p>Simplified transport procedure is used (STP).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre><xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU**


diagram	 <p>Code for the principal RU</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code for the principal RU												
source	<pre><xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsSurveillance**

diagram	 <p>Good under customs surveillance</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:boolean
properties	content simple
annotation	documentation Good under customs surveillance
source	<pre><xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsEndorsements**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).
source	<pre><xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

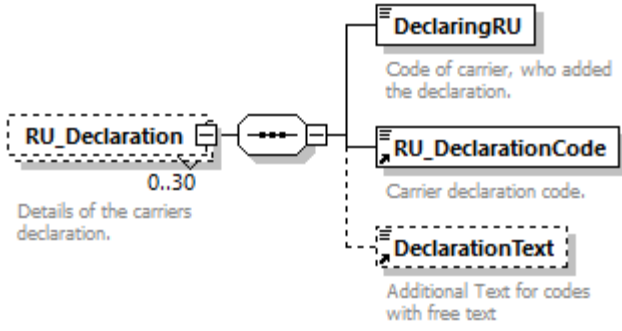
element **ConsignmentOrderMessage/COMS/COM/RU_Declarations**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RU_Declaration DifferentAcceptance
annotation	documentation Carriers declaration
source	<pre> <xs:element name="RU_Declarations" minOccurs="0"> <xs:annotation> <xs:documentation>Carriers declaration</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RU_DeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

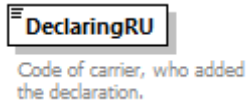
```

        <xs:element name="DifferentAcceptanceDate" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Variance of acceptance date given
structure AcceptancePoint.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

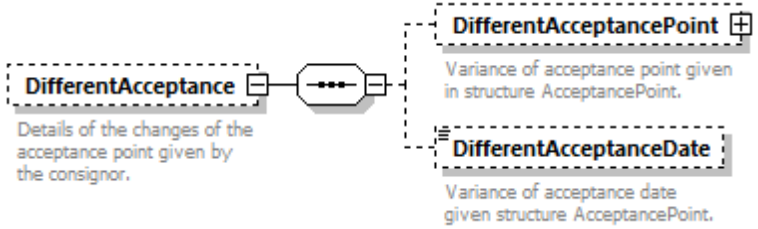
element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 30 content complex</p>
<p>children</p>	<p>DeclaringRU ns1:RU_DeclarationCode DeclarationText</p>
<p>annotation</p>	<p>documentation Details of the carriers declaration.</p>
<p>source</p>	<pre> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RU_DeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of carrier, who added the declaration.												
source	<pre><xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	DifferentAcceptancePoint DifferentAcceptanceDate
annotation	documentation Details of the changes of the acceptance point given by the consignor.
source	<pre><xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation></pre>

```

</xs:annotation>
</xs:element>
<xs:element name="DifferentAcceptanceDate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Variance of acceptance date given structure
AcceptancePoint.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime"/>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```


element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

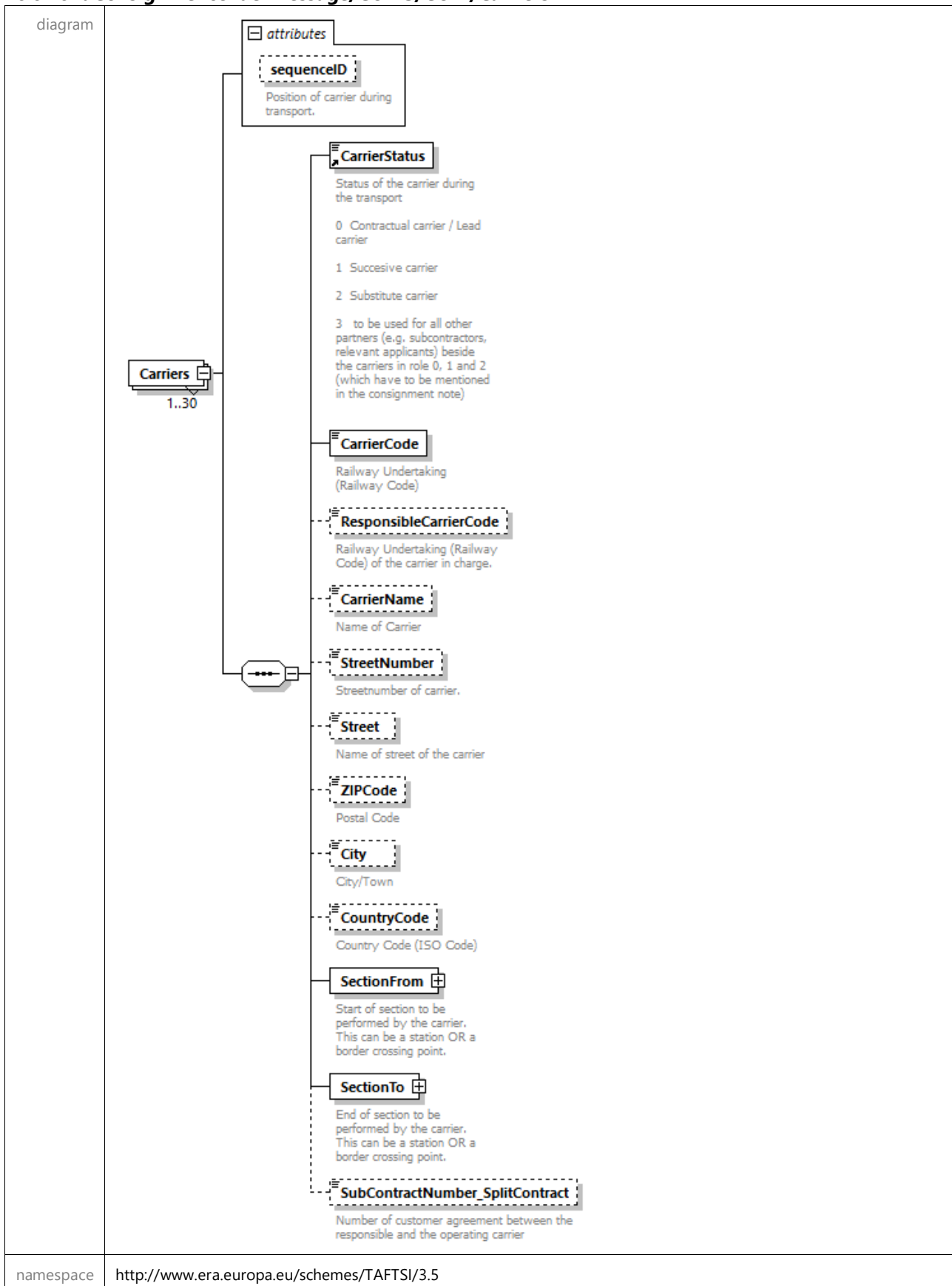
<p>diagram</p>	<p>The diagram illustrates the structure of the DifferentAcceptancePoint element. It is a complex type that contains four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The CountryCodeISO element identifies a County or State by code (ISO 3166-1). The LocationPrimaryCode element identifies a location. The PrimaryLocationName element is the location name in an official language of the country using the ISO Unicode alphabet. The LocationSubsidiaryIdentification element provides the code, name, and allocation company of a subsidiary location. The DifferentAcceptancePoint element is shown as a dashed box containing a solid box representing the AcceptancePoint structure, indicating that it is a variance of the acceptance point given in that structure.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Variance of acceptance point given in structure AcceptancePoint.</p>
<p>source</p>	<pre> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> </pre>

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<pre> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers**



properties	minOcc 1 maxOcc 30 content complex												
children	CarrierStatus CarrierCode ResponsibleCarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode SectionFrom SectionTo SubContractNumber SplitContract												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>sequenceID</td> <td>xs:int</td> <td></td> <td></td> <td></td> <td>documentation Position of carrier during transport.</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	sequenceID	xs:int				documentation Position of carrier during transport.
Name	Type	Use	Default	Fixed	Annotation								
sequenceID	xs:int				documentation Position of carrier during transport.								
source	<pre> <xs:element name="Carriers" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CarrierStatus"/> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>												

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be performed by the carrier.
This can be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of section to be performed by the carrier.
This can be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of customer agreement between the
responsible and the operating carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6 (with leading zeros
if necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>

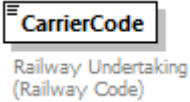
```

	<pre> </xs:element> </xs:sequence> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element> </pre>
--	---

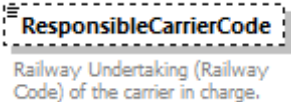
attribute ConsignmentOrderMessage/COMS/COM/Carriers/@sequenceID

type	xs:int
annotation	documentation Position of carrier during transport.
source	<pre> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </pre>

element ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Railway Undertaking (Railway Code)												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element> </pre>												

element ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode


diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Railway Undertaking (Railway Code) of the carrier in charge.
source	<pre><xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierName**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of Carrier
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/StreetNumber**

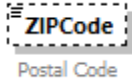
diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>


element **ConsignmentOrderMessage/COMS/COM/Carriers/Street**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of street of the carrier
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

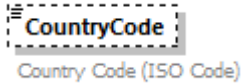
element **ConsignmentOrderMessage/COMS/COM/Carriers/ZIPCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Postal Code									
source	<pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

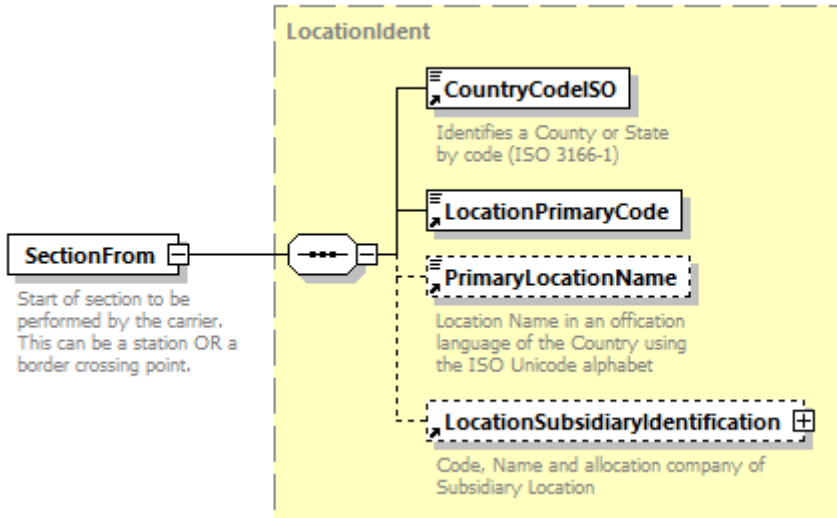
element **ConsignmentOrderMessage/COMS/COM/Carriers/City**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation City/Town									
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre><xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Start of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre><xs:element name="SectionFrom" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of section to be performed by the carrier. This</pre>

	<p>can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element></p>
--	---

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo**

diagram	<p>The diagram shows a class SectionTo with the description: "End of section to be performed by the carrier. This can be a station OR a border crossing point." It is connected to a class LocationIdent (highlighted in yellow). LocationIdent contains four sub-elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre><xs:element name="SectionTo" type="LocationIdent"> <xs:annotation> <xs:documentation>End of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SubContractNumber_SplitContract**

diagram	<p>The diagram shows a class SubContractNumber_SplitContract (dashed border) with the description: "Number of customer agreement between the responsible and the operating carrier".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table border="0"> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									

annotation	documentation Number of customer agreement between the responsible and the operating carrier
source	<pre> <xs:element name="SubContractNumber_SplitContract" minOccurs="0"> <xs:annotation> <xs:documentation>Number of customer agreement between the responsible and the operating carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

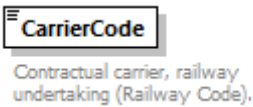
element **ConsignmentOrderMessage/COMS/COM/LeadCarrier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode Signature

annotation	documentation LeadCarrier/ Contractual carrier
source	<pre> <xs:element name="LeadCarrier"> <xs:annotation> <xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


	<pre> </xs:element> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Contractual carrier, railway undertaking (Railway Code).												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </pre>												

	<code></xs:element></code>
--	----------------------------------

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of contractual carrier									
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/StreetNumber**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Streetnumber of carrier.									
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

```

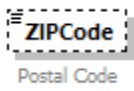
<xs:maxLength value="5"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element ConsignmentOrderMessage/COMS/COM/LeadCarrier/Street


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of street of the carrier									
source	<pre> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element ConsignmentOrderMessage/COMS/COM/LeadCarrier/ZIPCode

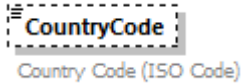
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Postal Code									
source	<pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> </pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/City**

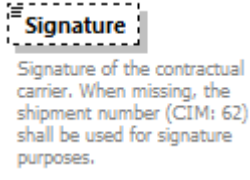
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation City/Town									
source	<pre> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode**

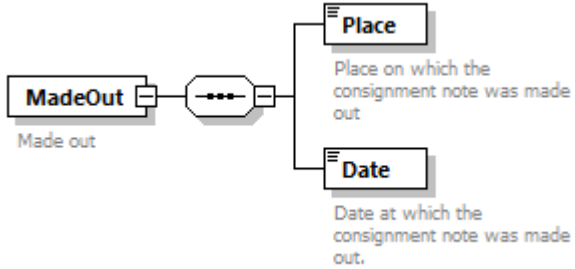
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country Code (ISO Code)									
source	<pre> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> </pre>									

	<pre> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/Signature**

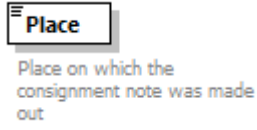
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.									
source	<pre> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/MadeOut**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	Place Date
annotation	documentation Made out
source	<pre> <xs:element name="MadeOut"> <xs:annotation> <xs:documentation>Made out</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/MadeOut/Place**

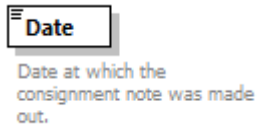
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Place on which the consignment note was made out									
source	<pre> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>									


```

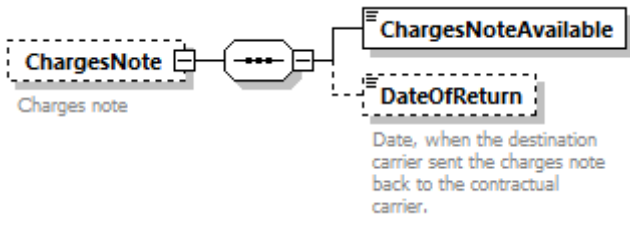
<xs:maxLength value="35"/>
<xs:minLength value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element ConsignmentOrderMessage/COMS/COM/MadeOut/Date

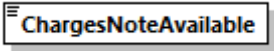
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date at which the consignment note was made out.
source	<pre> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/ChargesNote

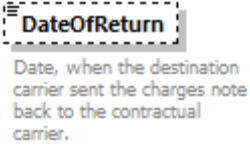
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ChargesNoteAvailable DateOfReturn
annotation	documentation Charges note
source	<pre> <xs:element name="ChargesNote" minOccurs="0"> <xs:annotation> <xs:documentation>Charges note</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChargesNoteAvailable" type="xs:boolean"/> <xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the </pre>

	<pre>charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/ChargesNoteAvailable**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
source	<pre><xs:element name="ChargesNoteAvailable" type="xs:boolean"/></pre>

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/DateOfReturn**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date, when the destination carrier sent the charges note back to the contractual carrier.
source	<pre><xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 30 content complex
children	ns1:CodeOfCause Description Place Beginning Ending
source	<pre> <xs:element name="TransitPeriodExtensions" minOccurs="0" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CodeOfCause"/> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </pre>

	<pre> </xs:simpleType> </xs:element> <xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Description**

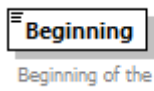
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>180</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	180	
Kind	Value	Annotation								
minLength	1									
maxLength	180									
annotation	documentation Description for CodeOfCause no. 9.									
source	<pre> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Place**


diagram				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5			
type	restriction of xs:string			
properties	content simple			
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> </tbody> </table>	Kind	Value	Annotation
Kind	Value	Annotation		

	minLength 1 maxLength 180
annotation	documentation Place of the extension.
source	<pre><xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Beginning**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation Beginning of the extension.
source	<pre><xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Ending**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation End of extension.
source	<pre><xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType></pre>

```
<xs:restriction base="xs:dateTime"/>
</xs:simpleType>
</xs:element>
```

element **ConsignmentOrderMessage/COMS/COM/ChargingSections**

<p>diagram</p>	<p>The diagram shows a class ChargingSections (multiplicity 1..15) with the following elements:</p> <ul style="list-style-type: none"> Start: Start of the charging section End: End of the charging section CommercialRouteCode: Route code (RIP) when the customer agreement or the tariff applied provide for it. CurrencyCode: Code for the currency of the amounts entered in the charging section. Tariff: Freight Charges Section Tariff AdditionalCharges: 0..10
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 1 maxOcc 15 content complex</p>
<p>children</p>	<p>Start End CommercialRouteCode CurrencyCode Tariff AdditionalCharges</p>
<p>annotation</p>	<p>documentation Charging section</p>
<p>source</p>	<pre><xs:element name="ChargingSections" maxOccurs="15"> <xs:annotation> <xs:documentation>Charging section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or</pre>

```

the tariff applied provide for it. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="3"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode" type="CurrencyCode_Type">
  <xs:annotation>
    <xs:documentation>Code for the currency of the amounts entered in
the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m2 or the volume of the wagon or goods in m3 if used as
the basis for charging.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value">
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:minInclusive value="1"/>
                  <xs:totalDigits value="8"/>
                  <xs:fractionDigits value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="measure" minOccurs="0">

```

```

        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="kg"/>
            <xs:enumeration value="m2"/>
            <xs:enumeration value="m3"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by
the consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in km,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in zones,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>

```



```

        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Supplements, fees,
deductions</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:totalDigits value="4"/>
            <xs:minInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="Prepaid" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be paid by the
consignor in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Transferred" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be paid by the
consignee in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of Prepaid</xs:documentation>
        <xs:documentation>Sum of Transferred</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges code</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="2"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

```

</xs:element>
<xs:choice>
  <xs:element name="Prepaid" type="Money_Type">
    <xs:annotation>
      <xs:documentation>Prepaid</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Transferred" type="Money_Type">
    <xs:annotation>
      <xs:documentation>Transferred</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Start**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Start of the charging section</p>
<p>source</p>	<pre> <xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/End**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of the charging section
source	<pre><xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CommercialRouteCode**

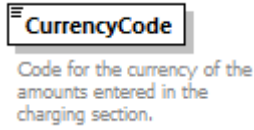
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 3 pattern \d*[1-9]\d*
annotation	documentation Route code (RIP) when the customer agreement or the tariff applied provide for it.
source	<pre><xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or the tariff applied provide for it. </xs:documentation></pre>

```

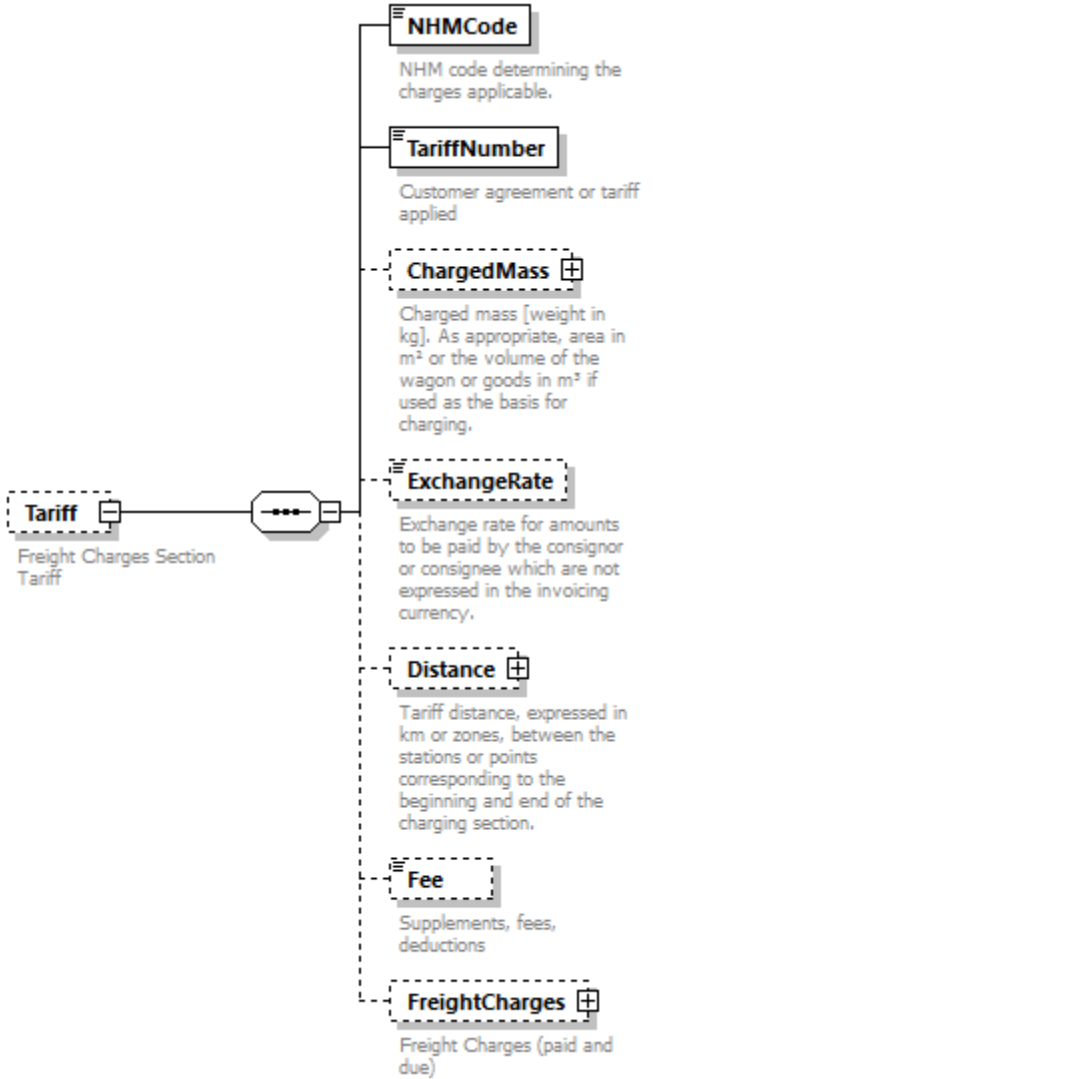
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="\d*[1-9]\d*" />
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	CurrencyCode Type						
properties	content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Code for the currency of the amounts entered in the charging section.						
source	<pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Code for the currency of the amounts entered in the charging section.</xs:documentation> </xs:annotation> </xs:element> </pre>						

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>NHMCode TariffNumber ChargedMass ExchangeRate Distance Fee FreightCharges</p>
<p>annotation</p>	<p>documentation Freight Charges Section Tariff</p>
<p>source</p>	<pre><xs:element name="Tariff" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges Section Tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TariffNumber"></pre>

```

    <xs:annotation>
      <xs:documentation>Customer agreement or tariff
    applied</xs:documentation>
    </xs:annotation>
  </xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="6"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ChargedMass" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charged mass [weight in kg]. As appropriate,
    area in m2 or the volume of the wagon or goods in m3 if used as the basis
    for charging.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="value">
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:minInclusive value="1"/>
            <xs:totalDigits value="8"/>
            <xs:fractionDigits value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="measure" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="kg"/>
            <xs:enumeration value="m2"/>
            <xs:enumeration value="m3"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by the
    consignor or consignee which are not expressed in the invoicing
    currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones,
    between the stations or points corresponding to the beginning and end of the
    charging section.</xs:documentation>

```


```

</xs:annotation>
<xs:complexType>
  <xs:choice>
    <xs:element name="KM">
      <xs:annotation>
        <xs:documentation>Tariff distance, expressed in km, between
the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Zones">
      <xs:annotation>
        <xs:documentation>Tariff distance, expressed in zones,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees, deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be paid by the
consignor in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Transferred" type="Money_Type">
        <xs:annotation>

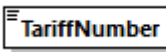
```

	<pre> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode**

diagram	 <p>NHM code determining the charges applicable.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	NHMCodeType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM code determining the charges applicable.									
source	<pre> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/TariffNumber**

diagram	 <p>Customer agreement or tariff applied</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	6	
Kind	Value	Annotation								
minLength	1									
maxLength	6									
annotation	documentation Customer agreement or tariff applied									
source	<pre> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Customer agreement or tariff applied</xs:documentation> </pre>									


```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="6"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

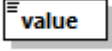
```

element ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass

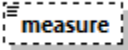
diagram	<p>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	value measure
annotation	documentation Charged mass [weight in kg]. As appropriate, area in m ² or the volume of the wagon or goods in m ³ if used as the basis for charging.
source	<pre> <xs:element name="ChargedMass" minOccurs="0"> <xs:annotation> <xs:documentation>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>
--	----------------------------------


element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/value**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:decimal												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>8</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		totalDigits	8		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	1												
totalDigits	8												
fractionDigits	1												
source	<pre><xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

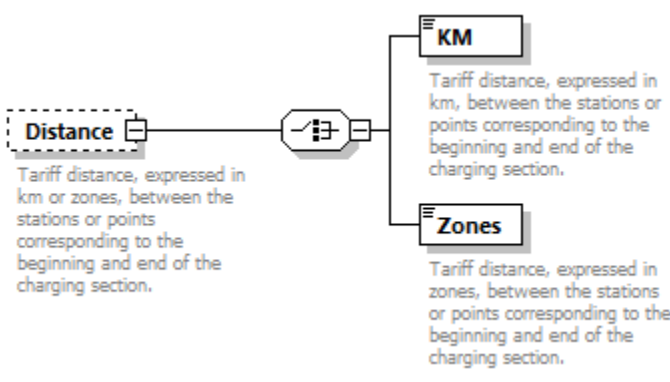
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/measure**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple						
minOcc	0												
maxOcc	1												
content	simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>kg</td> <td></td> </tr> <tr> <td>enumeration</td> <td>m2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>m3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	kg		enumeration	m2		enumeration	m3	
Kind	Value	Annotation											
enumeration	kg												
enumeration	m2												
enumeration	m3												
source	<pre><xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ExchangeRate**


diagram	 <p>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	3	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	3									
annotation	documentation Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.									
source	<pre><xs:element name="ExchangeRate" minOccurs="0"> <xs:annotation> <xs:documentation>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance**

diagram	 <p>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</p> <p>KM Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</p> <p>Zones Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	KM Zones
annotation	documentation Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of

	the charging section.
source	<pre> <xs:element name="Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/KM**

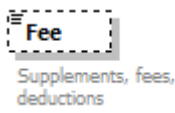
diagram	 <p>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									

annotation	documentation Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.
source	<pre><xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

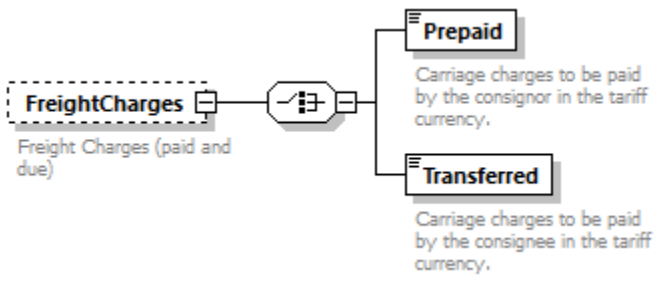
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/Zones**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.									
source	<pre><xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Fee**

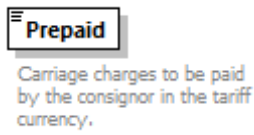
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 totalDigits 4
annotation	documentation Supplements, fees, deductions
source	<pre><xs:element name="Fee" minOccurs="0"> <xs:annotation> <xs:documentation>Supplements, fees, deductions</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="4"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges**

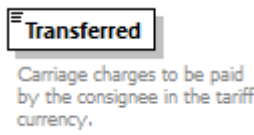
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Prepaid Transferred
annotation	documentation Freight Charges (paid and due)
source	<pre><xs:element name="FreightCharges" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges (paid and due)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation></pre>

	<pre> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Carriage charges to be paid by the consignor in the tariff currency.									
source	<pre> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Carriage charges to be paid by the consignee in the tariff currency.									

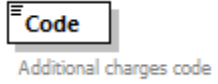
source	<pre><xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges**

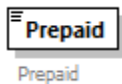
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	Code Prepaid Transferred
annotation	documentation Sum of Prepaid documentation Sum of Transferred
source	<pre><xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation/> <xs:documentation>Sum of Prepaid</xs:documentation> <xs:documentation>Sum of Transferred</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation></pre>

	<pre> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Code**

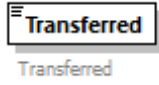
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Additional charges code									
source	<pre> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid**

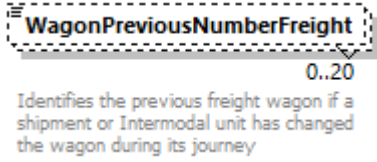
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Prepaid									
source	<pre> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> </pre>									

	<pre></xs:annotation> </xs:element></pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Transferred									
source	<pre><xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of WagonIdent												
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>20</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	20	content	simple						
minOcc	0												
maxOcc	20												
content	simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>12</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	12		maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation											
length	12												
maxLength	12												
pattern	[0-9]{12}												
annotation	documentation Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey												
source	<pre><xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WagonIdent"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

	<code></xs:element></code>
--	----------------------------------

element **ContainerHandlingFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation This establishment is able to handle container traffic
source	<pre><xs:element name="ContainerHandlingFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>This establishment is able to handle container traffic</xs:documentation> </xs:annotation> </xs:element></pre>

element **ContractNumber**

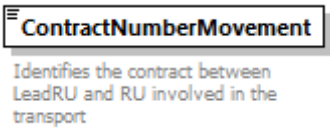
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element WIMO Dataset/ConsignmentLevelData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									
annotation	documentation Number of agreement between LeadRU and Responsible RU									
source	<pre><xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of agreement between LeadRU and Responsible RU</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:restriction> </xs:simpleType> </xs:element></pre>									

```

</xs:minLength>
<xs:maxLength value="6"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **ContractNumberMovement**

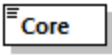
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identifies the contract between LeadRU and RU involved in the transport									
source	<pre> <xs:element name="ContractNumberMovement" type="FreeText"> <xs:annotation> <xs:documentation>Identifies the contract between LeadRU and RU involved in the transport</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **CoordinatingIM**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												

annotation	documentation The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.
source	<pre><xs:element name="CoordinatingIM" type="CompanyCode"> <xs:annotation> <xs:documentation>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner- IMs. </xs:documentation> </xs:annotation> </xs:element></pre>

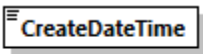
element Core

diagram	 <p>It is the main part of identifier and is determined by the company that creates it.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>12</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[\-*0-9A-Z]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	12		maxLength	12		whiteSpace	replace		pattern	[\-*0-9A-Z]{12}	
Kind	Value	Annotation														
minLength	12															
maxLength	12															
whiteSpace	replace															
pattern	[\-*0-9A-Z]{12}															
annotation	documentation It is the main part of identifier and is determined by the company that creates it.															
source	<pre><xs:element name="Core"> <xs:annotation> <xs:documentation>It is the main part of identifier and is determined by the company that creates it.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="12"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="12"/> <xs:pattern value="[\-*0-9A-Z]{12}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

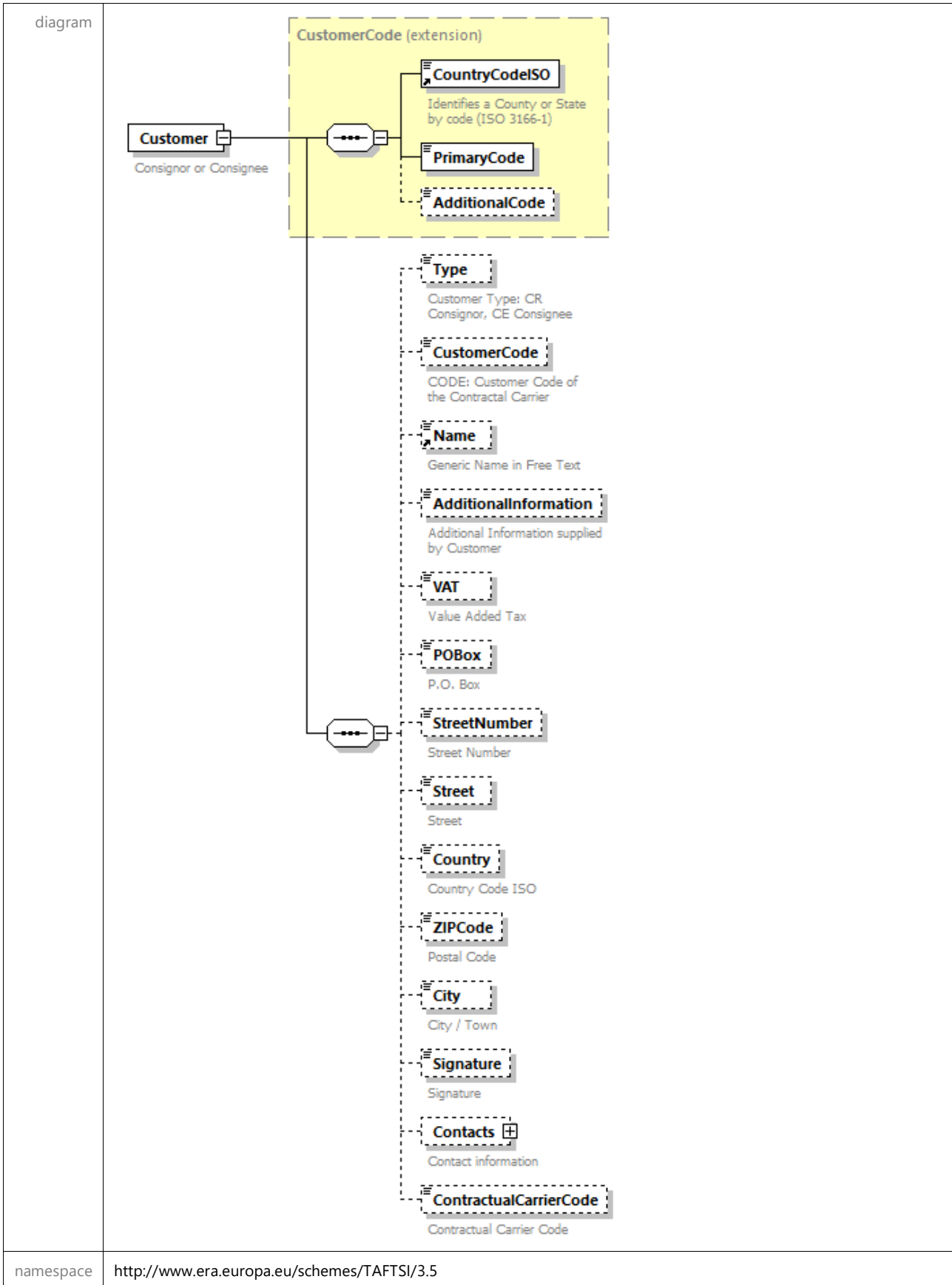
element **CountryCodeISO**

diagram	 <p>Identifies a County or State by code (ISO 3166-1)</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	extension of CountryIdentISO									
properties	content complex									
used by	<p>elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier LocationFileDatasetMessage RollingRoadUnit/RollingRoadUnitDetails/Vehicles</p> <p>complexTypees CustomerCode LocationIdent</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<p>documentation Identifies a County or State by code (ISO 3166-1)</p>									
source	<pre><xs:element name="CountryCodeISO"> <xs:annotation> <xs:documentation>Identifies a County or State by code (ISO 3166-1)</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CountryIdentISO"/> </xs:simpleContent> </xs:complexType> </xs:element></pre>									

element **CreateDateTime**

diagram	 <p>Date and Time of creation of data</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	<p>documentation Date and Time of creation of data</p>
source	<pre><xs:element name="CreateDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of creation of data </xs:documentation> </xs:annotation> </xs:element></pre>

element **Customer**



type	extension of CustomerCode
properties	content complex
children	CountryCodeISO PrimaryCode AdditionalCode Type CustomerCode Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts ContractualCarrierCode
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Consignor or Consignee
source	<pre> <xs:element name="Customer"> <xs:annotation> <xs:documentation>Consignor or Consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="CustomerCode"> <xs:sequence> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Name" minOccurs="0"/> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </pre>


```

</xs:annotation>
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    <xs:maxLength value="25"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
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    <xs:documentation>P.O. Box</xs:documentation>
  </xs:annotation>
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      <xs:maxLength value="35"/>
    </xs:restriction>
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<xs:element name="StreetNumber" minOccurs="0">
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    <xs:documentation>Street Number</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
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      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Street</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
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      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Country" minOccurs="0">
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    <xs:documentation>Country Code ISO</xs:documentation>
  </xs:annotation>
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  </xs:simpleType>
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  </xs:annotation>
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      <xs:minLength value="1"/>

```

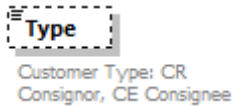
```

        <xs:maxLength value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City / Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Contacts" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contact information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PhonNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Telephone Number</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="30"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="FaxNumber" minOccurs="0"/>
      <xs:element ref="eMail" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ContractualCarrierCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contractual Carrier Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

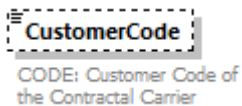
```

	<pre> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>
--	--

element **Customer/Type**

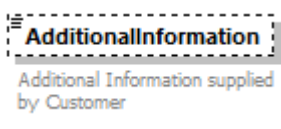
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CE</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	CR		enumeration	CE	
Kind	Value	Annotation								
enumeration	CR									
enumeration	CE									
annotation	documentation Customer Type: CR Consignor, CE Consignee									
source	<pre> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Customer/CustomerCode**

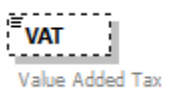
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>16</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	documentation CODE: Customer Code of the Contractual Carrier									
source	<pre> <xs:element name="CustomerCode" minOccurs="0"> </pre>									

	<pre> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **Customer/AdditionalInformation**

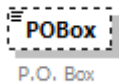
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>45</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	45	
Kind	Value	Annotation								
minLength	1									
maxLength	45									
annotation	documentation Additional Information supplied by Customer									
source	<pre> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Customer/VAT**

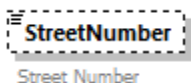
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation Value Added Tax									
source	<pre><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/POBox**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation P.O. Box									
source	<pre><xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/StreetNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Street Number
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Street Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/Street**

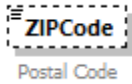
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/Country**


diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 2
annotation	documentation Country Code ISO
source	<pre><xs:element name="Country" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code ISO</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>


element **Customer/ZIPCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/City**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation City / Town									
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City / Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/Signature**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Signature									
source	<pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/Contacts**

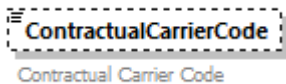
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	PhonNumber FaxNumber eMail
annotation	documentation Contact information
source	<pre> <xs:element name="Contacts" minOccurs="0"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Customer/Contacts/PhonNumber**

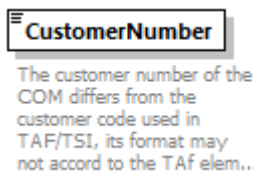
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Telephone Number
source	<pre><xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/ContractualCarrierCode**

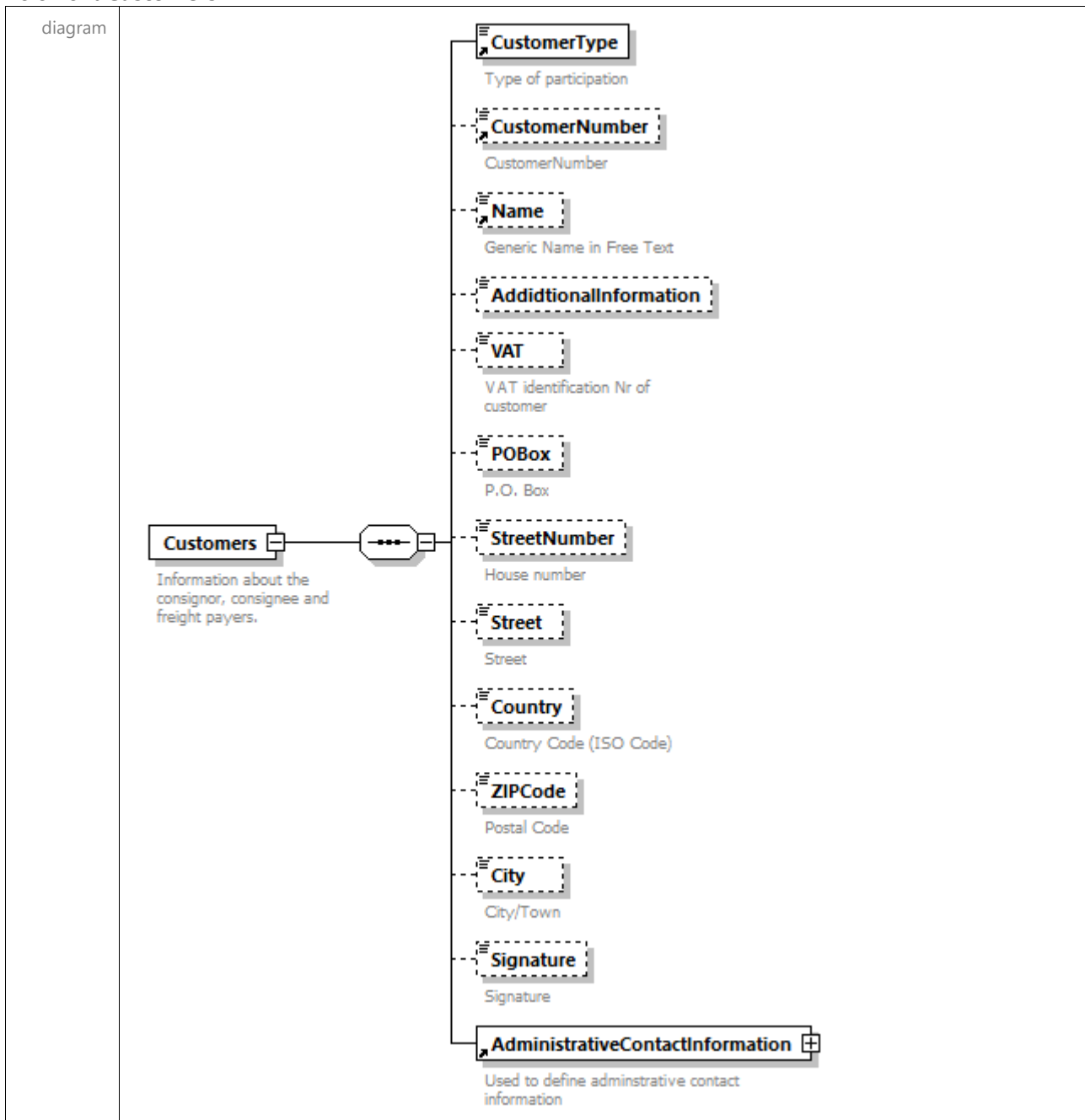
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 4
annotation	documentation Contractual Carrier Code
source	<pre><xs:element name="ContractualCarrierCode" minOccurs="0"> <xs:annotation> <xs:documentation>Contractual Carrier Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CustomerNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string									
properties	content simple									
used by	elements Customers LoadingFacility									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>16</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	<p>documentation</p> <p>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</p>									
source	<pre><xs:element name="CustomerNumber"> <xs:annotation> <xs:documentation>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ns1:CustomerType CustomerNumber Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature AdministrativeContactInformation
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Information about the consignor, consignee and freight payers.
source	<code><xs:element name="Customers"> <xs:annotation> <xs:documentation>Information about the consignor, consignee and freight payers.</xs:documentation></code>

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="CustomerType"/>
    <xs:element ref="CustomerNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>CustomerNumber</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="Name" minOccurs="0"/>
    <xs:element name="AdditionalInformation" minOccurs="0"/>
    <xs:element name="VAT" minOccurs="0">
      <xs:annotation>
        <xs:documentation>VAT identification Nr of
customer</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="25"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="POBox" minOccurs="0">
      <xs:annotation>
        <xs:documentation>P.O. Box</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="StreetNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>House number</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="5"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Street" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Street</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Country" type="CountryIdentISO" minOccurs="0">
      <xs:annotation>

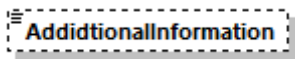
```

```


    <xs:documentation>Country Code (ISO Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="AdministrativeContactInformation"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

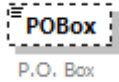
element **Customers/AdditionalInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
source	<xs:element name="AddiditionalInformation" minOccurs="0"/>

element **Customers/VAT**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation VAT identification Nr of customer									
source	<pre><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>VAT identification Nr of customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers/POBox**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation P.O. Box									
source	<pre><xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:element></code>
--	----------------------------------

element **Customers/StreetNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation House number									
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>House number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers/Street**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Street									
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


```

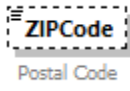
<xs:maxLength value="35"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **Customers/Country**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country Code (ISO Code)									
source	<pre> <xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **Customers/ZIPCode**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Postal Code									
source	<pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

	<code></xs:element></code>
--	----------------------------------

element **Customers/City**

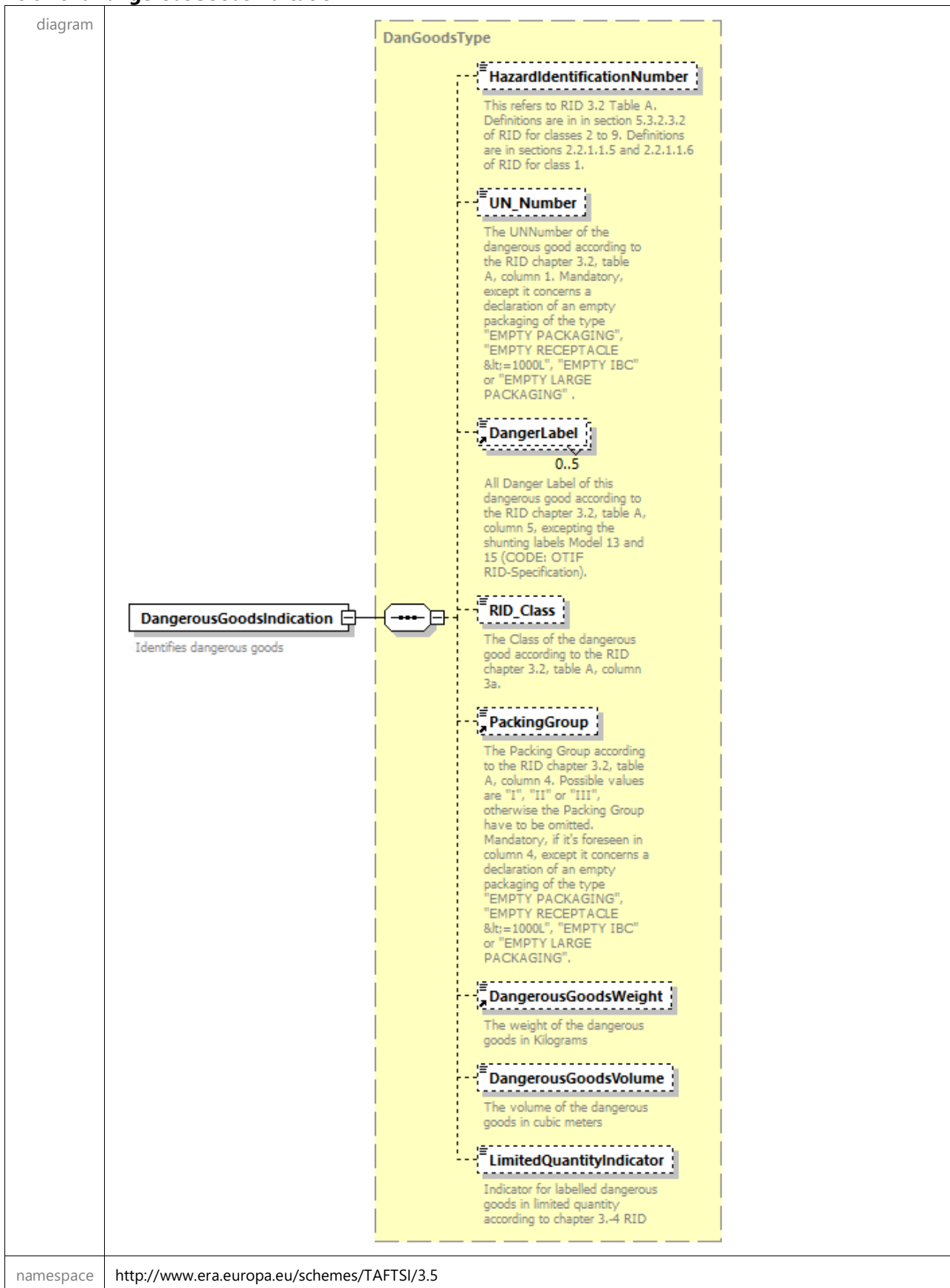
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation City/Town									
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers/Signature**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Signature									
source	<pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

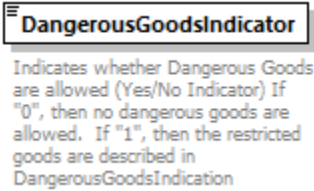
	<pre><xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	--

element **DangerousGoodsIndication**




type	DanGoodsType
properties	content complex
children	HazardIdentificationNumber UN Number ns1:DangerLabel RID Class ns1:PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	elements WIMO Dataset/ConsignmentLevelData PlannedTrainData WagonOperationalData complexType IntermodalTransportDataType
annotation	documentation Identifies dangerous goods
source	<pre><xs:element name="DangerousGoodsIndication" type="DanGoodsType"> <xs:annotation> <xs:documentation>Identifies dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsIndicator**


diagram	 <p>Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element TrainRunningData
annotation	documentation Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication
source	<pre><xs:element name="DangerousGoodsIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsVolume**


diagram	 <p>The volume of the dangerous goods in cubic meters</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	content simple

used by	element SummaryOFGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>


element **DangerousGoodsWeight**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements RID SummaryOFGoodsWithSameRID complexType DanGoodsType												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The weight of dangerous goods in kilograms												
source	<pre><xs:element name="DangerousGoodsWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of dangerous goods in kilograms</xs:documentation> </xs:annotation> </xs:element></pre>												


element **Date**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date
source	<pre><xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date</xs:documentation> </xs:annotation> </xs:element></pre>

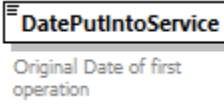
element **DateLastOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.
source	<pre><xs:element name="DateLastOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. </xs:documentation> </xs:annotation> </xs:element></pre>

element **DateNextOverhaul**

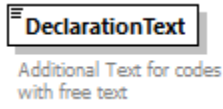
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
source	<pre><xs:element name="DateNextOverhaul" type="xs:date"/></pre>

element **DatePutIntoService**

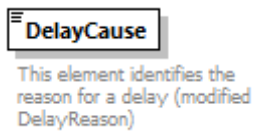
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/AdministrativeDataSet
annotation	documentation Original Date of first operation
source	<pre><xs:element name="DatePutIntoService" type="xs:date"> <xs:annotation> <xs:documentation>Original Date of first operation</xs:documentation> </xs:annotation> </xs:element></pre>

	<code></xs:element></code>
--	----------------------------------

element **DeclarationText**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Additional Text for codes with free text									
source	<pre><xs:element name="DeclarationText"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DelayCause**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	ns1:DelayCode															
properties	content simple															
used by	elements DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wrong application of priority rules</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures	enumeration	13	documentation Wrong application of priority rules
Kind	Value	Annotation														
enumeration	11	documentation Formation of trains if managed by infrastructure manager														
enumeration	10	documentation Timetable compilation														
enumeration	12	documentation Mistakes in operational procedures														
enumeration	13	documentation Wrong application of priority rules														

enumeration	14	
enumeration	18	documentation
		Staff
enumeration	19	documentation
		Other causes related to the operational planning and management
enumeration	20	documentation
		Signalling installations
enumeration	21	documentation
		Signalling installations at level crossings
enumeration	22	documentation
		Telecommunication installations
enumeration	23	documentation
		Power supply equipment
enumeration	24	documentation
		Track
enumeration	25	documentation
		Structures
enumeration	28	documentation
		Staff
enumeration	29	documentation
		Other causes related to infrastructure installations
enumeration	31	documentation
		Irregularities in execution of construction work
enumeration	30	documentation
		Planned construction work
enumeration	32	documentation
		Speed restrictions due to defective track
enumeration	39	documentation
		Other causes related to Civil engineering
enumeration	40	documentation
		Delay caused by next IM
enumeration	41	documentation
		Delay caused by previous IM
enumeration	50	documentation
		exceeding the stop time
enumeration	51	documentation
		Request of the RU
enumeration	52	documentation
		Loading operations
enumeration	53	documentation
		Loading irregularities
enumeration	54	documentation
		Commercial preparation of the train
enumeration	58	documentation
		Staff
enumeration	59	documentation
		Other causes related to commercial causes
enumeration	60	documentation
		Roster planning/re-rostering
enumeration	61	documentation
		Formation of trains by the RU
enumeration	62	documentation
		Problems affecting coaches
enumeration	63	documentation
		Problems affecting wagons
enumeration	64	documentation
		Problems affecting traction units
enumeration	68	documentation
		Staff
enumeration	69	documentation
		Other causes related to Rolling Stock
enumeration	70	documentation
		Delay caused by next RU


	enumeration 71	documentation Delay caused by previous RU
	enumeration 80	documentation Strike
	enumeration 81	documentation Administrative formalites
	enumeration 82	documentation Outside influence
	enumeration 83	documentation Effects of weather and natural causes
	enumeration 84	documentation Delay caused by external reasons on the next network
	enumeration 89	documentation Other external causes
	enumeration 90	documentation Dangerous incidents, accidents and hazards
	enumeration 91	documentation Track occupation caused by the lateness of the same train
	enumeration 92	documentation Track occupation caused by the lateness of another train
	enumeration 93	documentation Turn round
	enumeration 94	documentation Connection
	enumeration 95	documentation Further investigation needed
annotation		documentation This element identifies the reason for a delay (modified DelayReason)
source		<pre><xs:element name="DelayCause" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for a delay (modified DelayReason)</xs:documentation> </xs:annotation> </xs:element></pre>

element **DelayCauseTime**

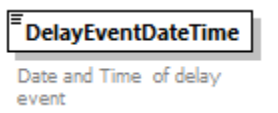
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>DelayCause DelayMinutes DelayEventDateTime InternalReferenceIdentifier DelayCodingDateTime Remarks</p>
<p>used by</p>	<p>element DelayEventReport</p>
<p>annotation</p>	<p>documentation Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</p>
<p>source</p>	<pre><xs:element name="DelayCauseTime"> <xs:annotation> <xs:documentation>Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayCause"> <xs:annotation> <xs:documentation>Describes the reason for a delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayMinutes"/> <xs:element ref="DelayEventDateTime"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"> <xs:annotation> <xs:documentation>The link to the System Reference</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCodingDateTime" minOccurs="0"> <xs:annotation></pre>

	<pre> <xs:documentation>Date and Time of the ocdding of the delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Remarks" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **DelayCodingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of the coding of the delay
source	<pre> <xs:element name="DelayCodingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayEventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of delay event
source	<pre> <xs:element name="DelayEventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of delay event </xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayEventReport**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>DelayLocation TrainLocationStatus DelayCauseTime BookedLocationDateTime ReferencedLocationDateTime</p>
<p>used by</p>	<p>element TrainDelayCauseMessage</p>
<p>annotation</p>	<p>documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)</p>
<p>source</p>	<pre><xs:element name="DelayEventReport"> <xs:annotation> <xs:documentation>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayLocation"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="DelayCauseTime"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **DelayLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element DelayEventReport
annotation	documentation Location where the Delay occurred
source	<pre><xs:element name="DelayLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Location where the Delay occurred</xs:documentation> </xs:annotation> </xs:element></pre>

element **DelayMinutes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-5									
properties	content simple									
used by	element DelayCauseTime									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Identifies the delay (in minutes) of a train for a specified cause									
source	<pre><xs:element name="DelayMinutes" type="String1-5"> <xs:annotation></pre>									

	<pre> <xs:documentation>Identifieis the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element **DeliveryAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Destination DeliveryTimeAtDestination
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer
source	<pre> <xs:element name="DeliveryAtDestination"> <xs:annotation> <xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="DeliveryTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DeliveryReference**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	elements ILU Details ITU Details Wagons/WagonDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre> <xs:element name="DeliveryReference"> <xs:annotation/> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

```

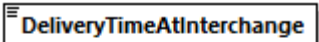
<xs:minLength value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **DeliveryTimeAtDestination**

diagram	 <p>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element DeliveryAtDestination
annotation	documentation The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer
source	<pre> <xs:element name="DeliveryTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DeliveryTimeAtInterchange**

diagram	 <p>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element NextIntermediateDestination
annotation	documentation The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU
source	<pre> <xs:element name="DeliveryTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element> </pre>

	<code></xs:element></code>
--	----------------------------------

element **DepartureInterchangeReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DepartureTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation Departure or interchange station ETI Orgin
source	<pre> <xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Orgin</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DepartureJourneyTrack**

diagram	<p>The diagram illustrates the structure of the DepartureJourneyTrack element. It is connected to a complex type named LocationIdent. The LocationIdent type contains four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Indicates the track ID on which the train will start its journey.
source	<pre><xs:element name="DepartureJourneyTrack" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train will start its journey.</xs:documentation> </xs:annotation> </xs:element></pre>

element **DepartureTimeAtLocation**

diagram	<p>The diagram shows the DepartureTimeAtLocation element, which represents the scheduled departure date and time at a defined location.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements DepartureInterchangeReport WagonAtDeparture WagonPickupAtOrigin YardDeparture
annotation	documentation the scheduled departure date and time at a defined location
source	<pre><xs:element name="DepartureTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>the scheduled departure date and time at a defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **DepartureTrackAtLocation**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p>
<p>source</p>	<pre><xs:element name="DepartureTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Destination**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ArrivalAtDestination WIMO Dataset/ConsignmentLevelData DeliveryAtDestination
annotation	documentation Destination Location
source	<pre><xs:element name="Destination" type="LocationIdent"> <xs:annotation> <xs:documentation>Destination Location</xs:documentation> </xs:annotation> </xs:element></pre>

element **Dimensions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LengthCode Length Width Height


used by	elements ILU Details ITU Details
annotation	documentation Dimensions of the UTI.
source	<pre> <xs:element name="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the UTI.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Length" minOccurs="0"/> <xs:element ref="Width" minOccurs="0"/> <xs:element ref="Height" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Dimensions/LengthCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>10</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	10		totalDigits	2	
Kind	Value	Annotation								
minInclusive	10									
totalDigits	2									
annotation	documentation Length code according to UIC leaflet 592-2 documentation CODE: UIC leaflet 592-2									
source	<pre> <xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> </pre>									

	<pre> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **DwellTime**

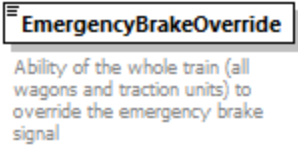
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	fractionDigits	1	
Kind	Value	Annotation					
fractionDigits	1						
annotation	documentation The minimum duration of dwell time expressed in minutes						
source	<pre> <xs:element name="DwellTime"> <xs:annotation> <xs:documentation>The minimum duration of dwell time expressed in minutes </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **eMail**

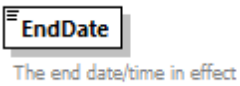
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Customer/Contacts									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic eMail address in Free text									
source	<pre> <xs:element name="eMail" type="CommunicationRefID"> </pre>									

	<pre><xs:annotation> <xs:documentation>Generic eMail address in Free text</xs:documentation> </xs:annotation> </xs:element></pre>
--	---


element **EmergencyBrakeOverride**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal
source	<pre><xs:element name="EmergencyBrakeOverride" type="xs:boolean"> <xs:annotation> <xs:documentation>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndDate" type="xs:date"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End point of a section or segment
source	<pre><xs:element name="EndLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>End point of a section or segment</xs:documentation> </xs:annotation> </xs:element></pre>

element **ErrorMessage**

<p>diagram</p>	<p>ErrorMessage</p> <p>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p> <p>MessageHeader Used for all messages</p> <p>MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p>AdministrativeContactInformation Used to define administrative contact information</p> <p>ErrorCauseReference The reference to the message and its particular element(s) that caused the error is provided here</p> <p>Error 1..∞</p> <p>PlannedTransportIdentifiers 0..∞</p> <p>TransportOperationalIdentifiers 0..∞</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus AdministrativeContactInformation ErrorCauseReference Error PlannedTransportIdentifiers TransportOperationalIdentifiers</p>
<p>annotation</p>	<p>documentation This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p>
<p>source</p>	<pre><xs:element name="ErrorMessage"> <xs:annotation> <xs:documentation>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element name="ErrorCauseReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element></pre>

```

minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Error" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TagReference" type="xs:string" minOccurs="0">
        <xs:annotation>
          <xs:documentation>This is a placeholder for XPath expression
indicating the element of the original message which caused the
error.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TypeOfError">
        <xs:annotation>
          <xs:documentation>It is an enumerated type to indicate if
the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or
due to a system failure (2 = TECHNICAL) or both (0 =
BOTH)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Severity">
        <xs:annotation>
          <xs:documentation>1 = WARNING: Message content, sequence or
other parameters are off standard but (partial) processing has been
possible.2 = ERROR: Message cannot be processed.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ErrorCode">
        <xs:annotation>
          <xs:documentation>To be defined: code list from 1 to 9999.
Proposal from PathDossierErrorCode: "Standard values are between 5000 and
6000 (central maintained list). The values greater than 6000 can be used on
national level. "</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="9999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="FreeTextField"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

	<pre> </xs:complexType> </xs:element> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ErrorMessage/ErrorCauseReference**

diagram	<p>The reference to the message and its particular element(s) that caused the error is provided here</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	MessageReference MessageSenderReference
annotation	documentation The reference to the message and its particular element(s) that caused the error is provided here
source	<pre> <xs:element name="ErrorCauseReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ErrorMessage/ErrorCauseReference/MessageSenderReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									

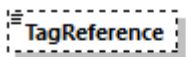
source	<code><xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/></code>
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element **ErrorMessage/Error**

diagram							
namespace	<code>http://www.era.europa.eu/schemes/TAFTSI/3.5</code>						
properties	<table border="0"> <tr> <td>minOcc</td> <td>1</td> </tr> <tr> <td>maxOcc</td> <td>unbounded</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </table>	minOcc	1	maxOcc	unbounded	content	complex
minOcc	1						
maxOcc	unbounded						
content	complex						
children	TagReference TypeOfError Severity ErrorCode FreeTextField						
source	<pre> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeOfError"> <xs:annotation> </pre>						

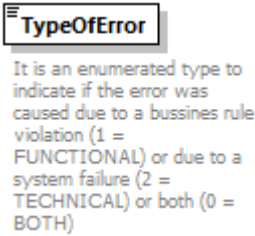
	<pre> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ErrorMessage/Error/TagReference**

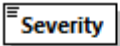
diagram	 <p>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation This is a placeholder for XPath expression indicating the element of the original message which caused the error.
source	<pre><xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element></pre>

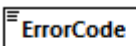
element **ErrorMessage/Error/TypeOfError**

diagram	 <p>It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:integer												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
annotation	documentation It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)												
source	<pre><xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ErrorMessage/Error/Severity**


diagram	 <p>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	documentation 1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.									
source	<pre><xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ErrorMessage/Error/ErrorCode**

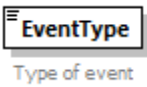
diagram	 <p>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "									

source	<pre> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **EstimatedEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EstimatedEndDateTime" type="xs:dateTime"/></pre>

element **EventType**

diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
type	restriction of xs:token																					
properties	content simple																					
used by	element WagonStatusMessages/WagonStatusMessage/Event																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td>documentation Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>documentation Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.)</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	10	documentation Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)	enumeration	20	documentation Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)	enumeration	01	documentation Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)	enumeration	04	documentation Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)	enumeration	03	documentation Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.)	enumeration	13	documentation
Kind	Value	Annotation																				
enumeration	10	documentation Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)																				
enumeration	20	documentation Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)																				
enumeration	01	documentation Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)																				
enumeration	04	documentation Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)																				
enumeration	03	documentation Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.)																				
enumeration	13	documentation																				

	<p>enumeration 14 Passed through (Wagon, being part of a running train, has passed through a location.) documentation</p> <p>enumeration 24 Wagon Handed Over (RU informs other involved RU(s) that the wagon has been physically handed over to the next RU) (documentation</p> <p>enumeration 06 Wagon Taken Over (RU informs other involved RU(s) that the wagon has been physically taken over from the previous RU.) documentation</p> <p>enumeration 16 Wagon Journey Irregularity (RU informs other involved RU(s) that something irregular happened with the wagon or its load which requires action and may interrupt its transportation. Details about nature of the irregularity and its consequences are to be included too.) documentation</p> <p>enumeration 16 Wagon Journey Recovered (RU informs other involved RU(s) that the wagon journey irregularity was recovered (e.g. wagon is repaired or load is fixed) documentation</p> <p>enumeration 05 Wagon Reached Destination (Destination RU informs other involved RU(s) that the wagon arrived to destination station with a train.) documentation</p> <p>enumeration 15 Wagon Delivered (Destination RU informs other involved RU(s) that the wagon has been delivered to un/loading place or to customer's siding.) documentation</p> <p>enumeration 60 GPS Location (Information about the position of the wagon)</p>
annotation	documentation Type of event
source	<pre> <xs:element name="EventType"> <xs:annotation> <xs:documentation>Type of event</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation> Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

<xs:enumeration value="03">
  <xs:annotation>
    <xs:documentation>Wagon Departure (RU informs other involved RU(s)
that the wagon has departed from station with a train.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Passed through (Wagon, being part of a running
train, has passed through a location.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Wagon Handed Over (RU informs other involved
RU(s) that the wagon has been physically handed over to the next RU)
</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Wagon Taken Over (RU informs other involved
RU(s) that the wagon has been physically taken over from the previous
RU.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation>Wagon Journey Irregularity (RU informs other
involved RU(s) that something irregular happened with the wagon or its load
which requires action and may interrupt its transportation. Details about
nature of the irregularity and its consequences are to be included
too.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Wagon Journey Recovered (RU informs other
involved RU(s) that the wagon journey irregularity was recovered (e.g. wagon
is repaired or load is fixed)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
  <xs:annotation>
    <xs:documentation>Wagon Reached Destination (Destination RU
informs other involved RU(s) that the wagon arrived to destination station
with a train.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>Wagon Delivered (Destination RU informs other
involved RU(s) that the wagon has been delivered to un/loading place or to
customer's siding.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="60">
  <xs:annotation>

```

	<pre> <xs:documentation>GPS Location (Information about the position of the wagon)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ExceptionalGaugingCode**

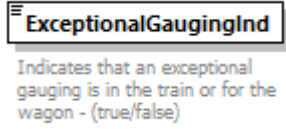
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element ExceptionalGaugingIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>24</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Acceptance agreement number, based on guidelines of IM_Partner									
source	<pre> <xs:element name="ExceptionalGaugingCode"> <xs:annotation> <xs:documentation>Acceptance agreement number, based on guidelines of IM_Partner</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ExceptionalGaugingIdent**

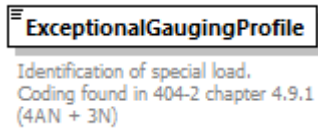
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	IM Partner ExceptionalGaugingCode
used by	elements PlannedTrainData WagonOperationalData

annotation	documentation Indicates that an exceptional Gauging is in the train or for the wagon
source	<pre><xs:element name="ExceptionalGaugingIdent"> <xs:annotation> <xs:documentation>Indicates that an exceptional Gauging is in the train or for the wagon </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element ref="ExceptionalGaugingCode"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ExceptionalGaugingInd**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element TrainRunningData
annotation	documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false)
source	<pre><xs:element name="ExceptionalGaugingInd" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</xs:documentation> </xs:annotation> </xs:element></pre>

element **ExceptionalGaugingProfile**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
used by	element WagonOperationalData						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>7</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	7	
Kind	Value	Annotation					
minLength	7						

	maxLength 7
annotation	documentation Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)
source	<pre> <xs:element name="ExceptionalGaugingProfile"> <xs:annotation> <xs:documentation>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ExceptionPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location ResponsibleRU WagonLocationStatus ScheduledTimeAtLocation ExceptionTimeAtLocation
annotation	documentation Describes the interruption points with location and the time of the interruption
source	<pre> <xs:element name="ExceptionPoint"> <xs:annotation> <xs:documentation>Describes the interruption points with location and the time of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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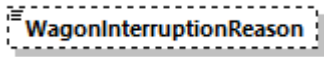
<xs:element ref="ResponsibleRU"/>
<xs:element ref="WagonLocationStatus"/>
<xs:element ref="ScheduledTimeAtLocation"/>
<xs:element ref="ExceptionTimeAtLocation"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **ExceptionReason**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonInterruptionReason InterruptionDescription InterruptionType</p>
<p>annotation</p>	<p>documentation Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p>
<p>source</p>	<pre> <xs:element name="ExceptionReason"> <xs:annotation> <xs:documentation>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ExceptionReason/WagonInterruptionReason**

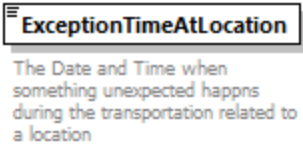
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>wagon damaged</td> <td></td> </tr> <tr> <td>enumeration</td> <td>change of route</td> <td></td> </tr> <tr> <td>enumeration</td> <td>other</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	wagon damaged		enumeration	change of route		enumeration	other	
Kind	Value	Annotation											
enumeration	wagon damaged												
enumeration	change of route												
enumeration	other												
source	<pre> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **ExceptionReason/InterruptionType**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>0</td> <td>documentation Damage does not cause an interruption of transport run</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Damage causes an interruption of transport run</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation other (no damage)</td> </tr> </tbody> </table>	Kind	Value	Annotation	length	1		enumeration	0	documentation Damage does not cause an interruption of transport run	enumeration	1	documentation Damage causes an interruption of transport run	enumeration	2	documentation other (no damage)
Kind	Value	Annotation														
length	1															
enumeration	0	documentation Damage does not cause an interruption of transport run														
enumeration	1	documentation Damage causes an interruption of transport run														
enumeration	2	documentation other (no damage)														
source	<pre> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

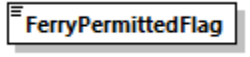
element **ExceptionTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation The Date and Time when something unexpected happens during the transportation related to a location
source	<pre> <xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time when something unexpected happens during the transportation related to a location</xs:documentation> </xs:annotation> </xs:element> </pre>


element **FaxNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Customer/Contacts									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic Fax number in Free text									
source	<pre><xs:element name="FaxNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Fax number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **FerryPermittedFlag**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="FerryPermittedFlag" type="xs:boolean"/></pre>

element **FreeTextField**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	<p>elements AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PlannedJourneyLocation</p> <p>complexType TrainActivityType</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									

annotation	documentation Free Text
source	<pre><xs:element name="FreeTextField" type="FreeText"> <xs:annotation> <xs:documentation>Free Text</xs:documentation> </xs:annotation> </xs:element></pre>

element **FreightFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Freight Activity
source	<pre><xs:element name="FreightFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Freight Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeographicalCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leafle 920-2
source	<pre><xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leafle 920- 2</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeographicCoordinates**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Latitude Longitude Altitude SRID</p>
<p>used by</p>	<p>elements GNSS DynamicPosition LocationPrimaryInformation LocationSubsidiaryInformation</p>
<p>annotation</p>	<p>documentation Latitude and Longitude of location</p>
<p>source</p>	<pre> <xs:element name="GeographicCoordinates"> <xs:annotation> <xs:documentation>Latitude and Longitude of location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Latitude"> <xs:annotation> <xs:documentation>SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Longitude"> <xs:annotation> <xs:documentation>If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Altitude" minOccurs="0"/> <xs:element ref="SRID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

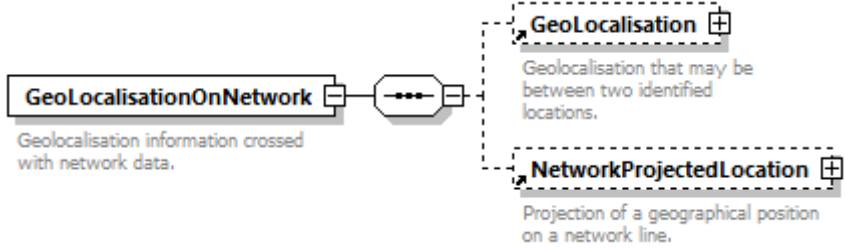
element **GeoLocalisation**

diagram	<p>GeoLocalisation Geolocalisation that may be between two identified locations.</p> <p>GNSS_DynamicPosition</p> <p>LocalisationPrecision Precision of the position. Expressed in metres.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GNSS_DynamicPosition LocalisationPrecision
used by	element GeoLocalisationOnNetwork
annotation	documentation Geolocalisation that may be between two identified locations.
source	<pre><xs:element name="GeoLocalisation"> <xs:annotation> <xs:documentation>Geolocalisation that may be between two identified locations. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GNSS_DynamicPosition"/> <xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

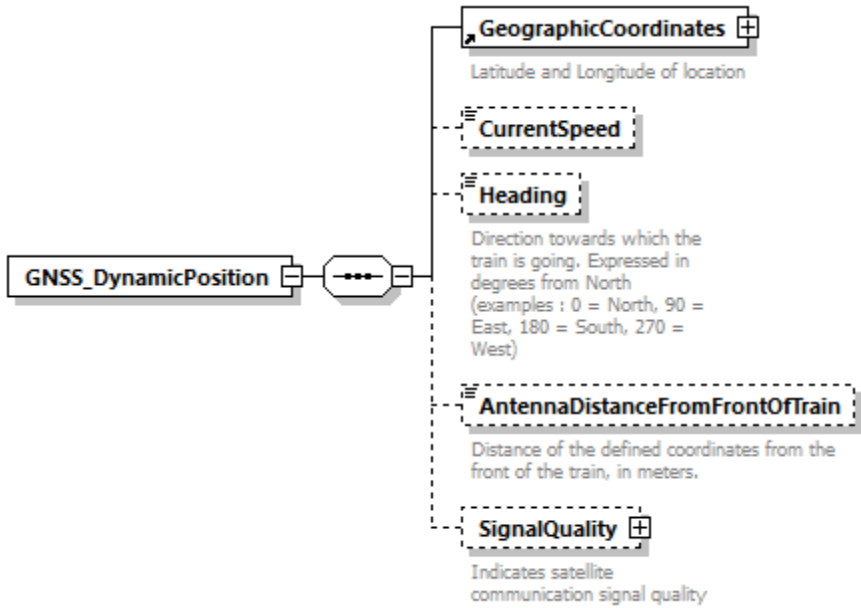
element **GeoLocalisation/LocalisationPrecision**

diagram	<p>LocalisationPrecision Precision of the position. Expressed in metres.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position. Expressed in metres.
source	<pre><xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeoLocalisationOnNetwork**

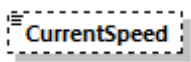
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GeoLocalisation NetworkProjectedLocation
used by	elements InterruptionPoint TrainLocationReport
annotation	documentation Geolocalisation information crossed with network data.
source	<pre> <xs:element name="GeoLocalisationOnNetwork"> <xs:annotation> <xs:documentation>Geolocalisation information crossed with network data. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GeoLocalisation" minOccurs="0"/> <xs:element ref="NetworkProjectedLocation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GNSS_DynamicPosition**

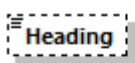
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GeographicCoordinates CurrentSpeed Heading AntennaDistanceFromFrontOfTrain SignalQuality
used by	element GeoLocalisation
source	<pre> <xs:element name="GNSS_DynamicPosition"> <xs:complexType> <xs:sequence> <xs:element ref="GeographicCoordinates"/> <xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/> <xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of the defined coordinates from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SignalQuality" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates satellite communication signal quality</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

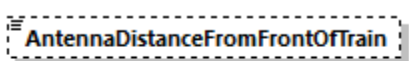
element **GNSS_DynamicPosition/CurrentSpeed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Speed
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
source	<code><xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/></code>

element **GNSS_DynamicPosition/Heading**

diagram	 Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)
source	<code><xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element></code>

element **GNSS_DynamicPosition/AntennaDistanceFromFrontOfTrain**

diagram	 Distance of the defined coordinates from the front of the train, in meters.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	minOcc 0 maxOcc 1

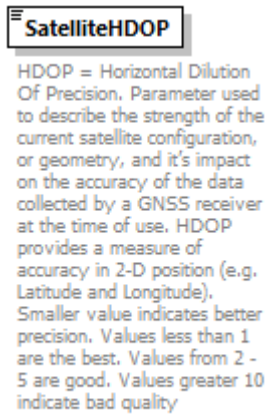
	content simple
annotation	documentation Distance of the defined coordinates from the front of the train, in meters.
source	<pre><xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of the defined coordinates from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element></pre>

element **GNSS_DynamicPosition/SignalQuality**


diagram	<p>SignalQuality Indicates satellite communication signal quality</p> <p>SatelliteHDOP HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality</p> <p>NumberOfVisibleSatellites Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	SatelliteHDOP NumberOfVisibleSatellites
annotation	documentation Indicates satellite communication signal quality
source	<pre><xs:element name="SignalQuality" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates satellite communication signal quality</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value</pre>

	<p>indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation></p> <pre> </xs:annotation> </xs:element> <xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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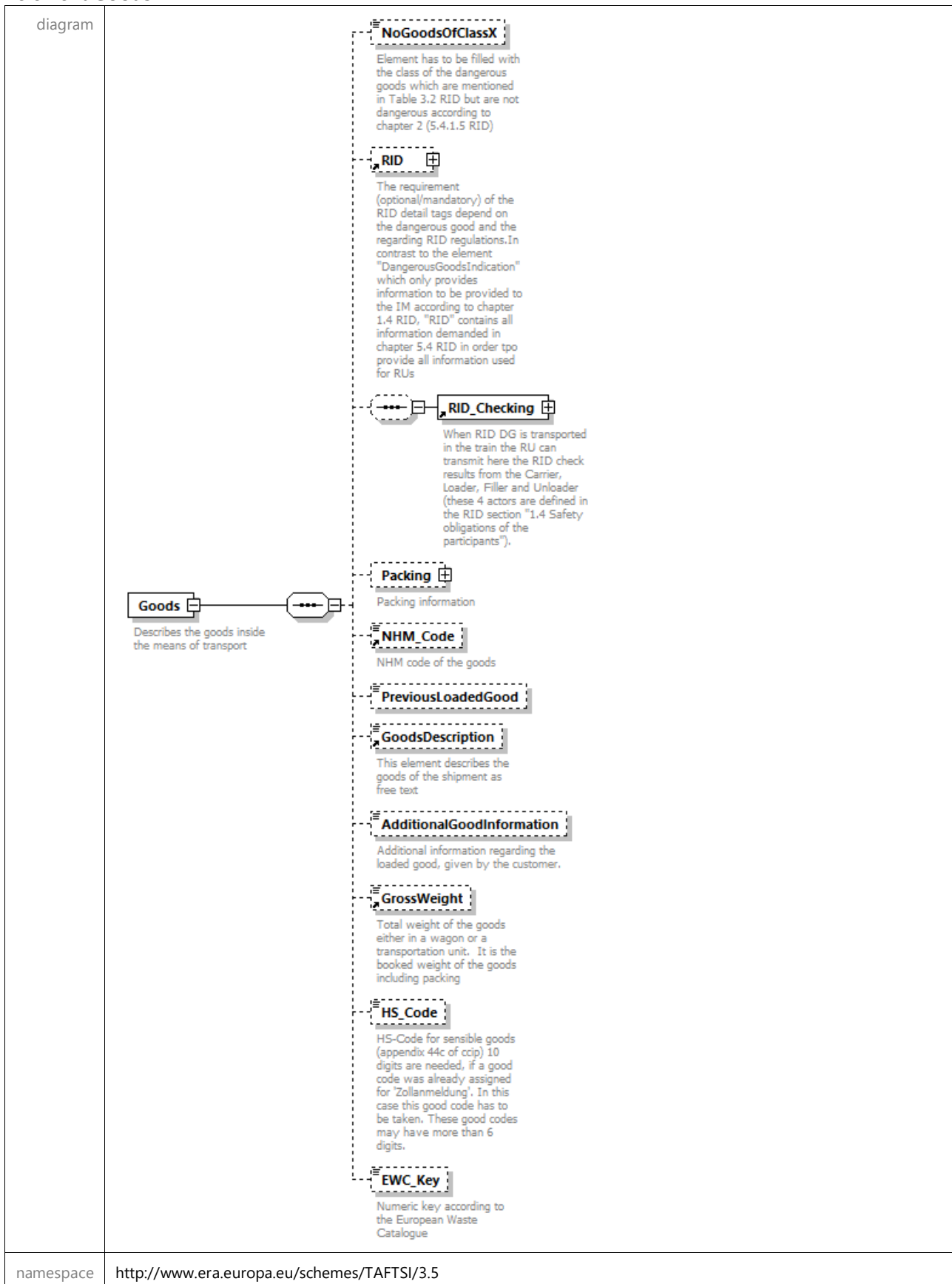
element **GNSS_DynamicPosition/SignalQuality/SatelliteHDOP**

diagram	 <p>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
annotation	documentation HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality
source	<pre> <xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation> </xs:annotation> </xs:element> </pre>

element **GNSS_DynamicPosition/SignalQuality/NumberOfVisibleSatellites**

diagram	 <p>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
annotation	documentation Indicates the number of satellites being used in the position solution. Greater value indicates better quality.
source	<pre><xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Goods**



properties	content complex
children	NoGoodsOfClassX RID RID_Checking Packing NHM_Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS_Code EWC_Key
used by	elements WIMO Dataset/ConsignmentLevelData ILU ITU RollingRoadUnit
annotation	documentation Describes the goods inside the means of transport
source	<pre> <xs:element name="Goods"> <xs:annotation> <xs:documentation>Describes the goods inside the means of transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RID" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="RID_Checking"> <xs:annotation> <xs:documentation>When RID DG is transported in the train the RU can transmit here the RID check results from the Carrier, Loader, Filler and Unloader (these 4 actors are defined in the RID section "1.4 Safety obligations of the participants").</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

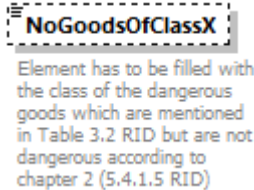
```

</xs:element>
<xs:element name="NumberOfPackages" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of packages.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="99999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
  <xs:annotation>
    <xs:documentation>Particular marks and numbers to identify
less than wagon load assignments.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code" minOccurs="0"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight" minOccurs="0"/>
<xs:element name="HS_Code" minOccurs="0">
  <xs:annotation>
    <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="6"/>
      <xs:maxLength value="10"/>
      <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
  </xs:simpleType>

```

	<pre> </xs:simpleType> </xs:element> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Goods/NoGoodsOfClassX**

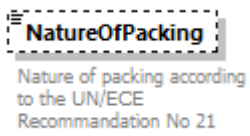
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	documentation Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)									
source	<pre> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Goods/Packing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification
annotation	documentation Packing information
source	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> </pre>

	<pre> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **Goods/Packing/NatureOfPacking**

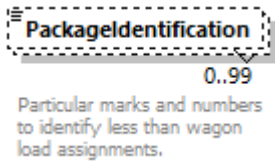
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21									
source	<pre> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Goods/Packing/NumberOfPackages**

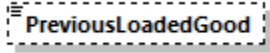
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Number of packages.
source	<pre><xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

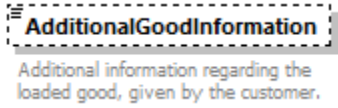
element **Goods/Packing/PackageIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 99 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Particular marks and numbers to identify less than wagon load assignments.
source	<pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>


element **Goods/PreviousLoadedGood**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	NHMCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<code><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></code>


element **Goods/AdditionalGoodInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre><xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Goods/HS_Code**


diagram	 <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>6</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	6		maxLength	10		pattern	\d*[1-9]\d*	
Kind	Value	Annotation											
minLength	6												
maxLength	10												
pattern	\d*[1-9]\d*												
annotation	documentation HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.												
source	<pre><xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **Goods/EWC_Key**

diagram	 <p>Numeric key according to the European Waste Catalogue</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	6	
Kind	Value	Annotation								
minLength	2									
maxLength	6									

	pattern \d*
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC
source	<pre><xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **GoodsDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements Goods Wagons/GoodsInWagon									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation This element describes the goods of the shipment as free text									
source	<pre><xs:element name="GoodsDescription" type="FreeText"> <xs:annotation> <xs:documentation>This element describes the goods of the shipment as free text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **GoodsInWagon**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>NHM_Code GrossWeight ContainerNumber GoodsInContainer</p>
<p>used by</p>	<p>element WagonInformation</p>
<p>annotation</p>	<p>documentation Goods</p>
<p>source</p>	<pre> <xs:element name="GoodsInWagon"> <xs:annotation> <xs:documentation>Goods</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code"/> <xs:element ref="GrossWeight" minOccurs="0"/> <xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GoodsInWagon/ContainerNumber**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>EquipmentNumberType</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1</p>

	content simple
facets	Kind Value Annotation minLength 1 maxLength 13
source	<code><xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/></code>

element **GoodsInWagon/GoodsInContainer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 99 content complex
children	NHM Code GrossWeight
source	<pre><xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **GrossWeight**

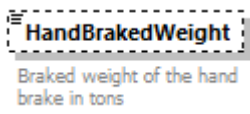
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WeightValueKilo
properties	content simple
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including

	packing
source	<pre><xs:element name="GrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing </xs:documentation> </xs:annotation> </xs:element></pre>

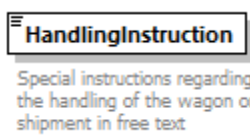
element **HandBrake**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ns1:HandBrakeType HandBrakedWeight ParkingBrakeForce
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>


element **HandBrake/HandBrakedWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	documentation Braked weight of the hand brake in tons									
source	<pre><xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

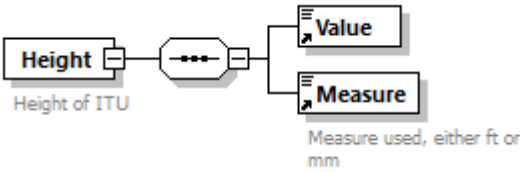
element **HandlingInstruction**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Special instructions regarding the handling of the wagon or shipment in free text									
source	<pre><xs:element name="HandlingInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the handling of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>									


element **HandoverPointFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element LocationPrimaryInformation
annotation	documentation Identifies if the location is a Handover Point from IM to IM
source	<pre><xs:element name="HandoverPointFlag"> <xs:annotation> <xs:documentation>Identifies if the location is a Handover Point from IM to IM</xs:documentation> </xs:annotation> </xs:element></pre>

element **Height**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Height of ITU
source	<pre><xs:element name="Height"> <xs:annotation> <xs:documentation>Height of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **HighestPlannedSpeed**

diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	Speed		
properties	content	simple	
used by	element	PlannedTrainTechnicalData	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction		
source	<pre> <xs:element name="HighestPlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element> </pre>		

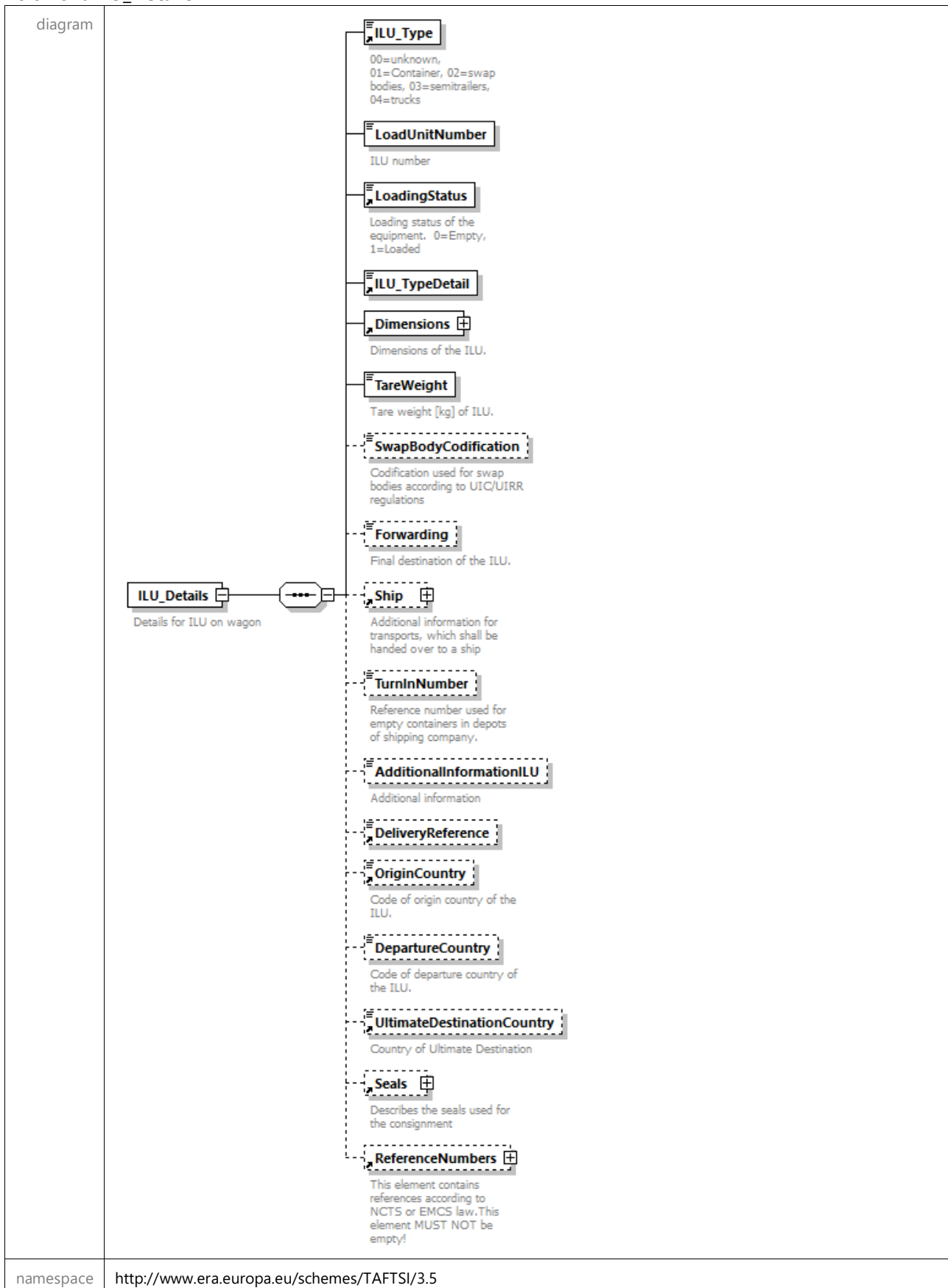
properties	content complex
children	PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers ns1:ReasonOfReference
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage
source	<pre> <xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element ref="RelatedPlannedTransportIdentifiers"/> <xs:element ref="ReasonOfReference" minOccurs="0"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILU**

diagram	<p>The diagram shows the structure of the ILU element. It consists of a main ILU class and an associated ILU_Details class. ILU_Details contains three sub-elements: LoadingTackles (0..99), Goods (0..99), and SummaryOfGoodsWithSameRID (0..25). The SummaryOfGoodsWithSameRID element has a note: "This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ILU Details LoadingTackles Goods SummaryOfGoodsWithSameRID
used by	element Wagons/GoodsInWagon
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<pre> <xs:element name="ILU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType> </pre>

```
<xs:sequence>
  <xs:element ref="ILU_Details">
    <xs:annotation>
      <xs:documentation>Details for Intermodal Transport Unit on
wagon</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99">
    <xs:annotation>
      <xs:documentation>Describes the loading tackles used inside the
unit</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="Goods" minOccurs="0" maxOccurs="99"/>
  <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **ILU_Details**



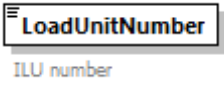
properties	content complex
children	ILU_Type LoadUnitNumber LoadingStatus ns1:ILU_TypeDetail Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber AdditionalInformation ILU DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers
used by	element ILU
annotation	documentation Details for ILU on wagon
source	<pre> <xs:element name="ILU_Details"> <xs:annotation> <xs:documentation>Details for ILU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ILU_Type"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=trucks</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element ref="ILU_TypeDetail"/> <xs:element ref="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the ILU.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```


        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
  <xs:annotation/>
</xs:element>
<xs:element name="TurnInNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Reference number used for empty containers in
depots of shipping company.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="30"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="AdditionalInformationILU" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of origin country of the
ILU.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DepartureCountry" type="CountryIdentISO"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of departure country of the
ILU.</xs:documentation>
    <xs:documentation>CODE: ISO-3166-2</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="UltimateDestinationCountry" minOccurs="0"/>
<xs:element ref="Seals" minOccurs="0"/>
<xs:element ref="ReferenceNumbers" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

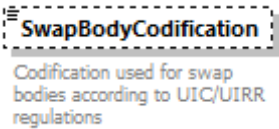

element **ILU_Details/LoadUnitNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	LoadUnitNumberType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Za-z0-9]{11}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	whiteSpace	replace		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
whiteSpace	replace									
pattern	[A-Za-z0-9]{11}									
annotation	documentation ILU number									
source	<pre><xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ILU_Details/TareWeight**

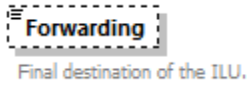
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Tare weight [kg] of ILU.												
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ILU_Details/SwapBodyCodification**

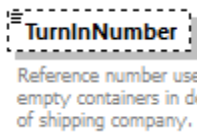
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3 maxLength 4
annotation	documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:
source	<pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

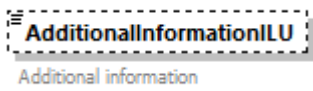
element **ILU_Details/Forwarding**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Final destination of the ILU.
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the ILU.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILU_Details/TurnInNumber**

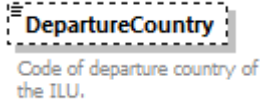
diagram	 <p>Reference number used for empty containers in depots of shipping company.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Reference number used for empty containers in depots of shipping company.
source	<pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILU_Details/AdditionalInformationILU**

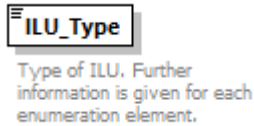
diagram	 <p>Additional information</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information
source	<pre><xs:element name="AdditionalInformationILU" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

	<pre></xs:simpleType> </xs:element></pre>
--	---

element **ILU_Details/DepartureCountry**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Code of departure country of the ILU. documentation CODE: ISO-3166-2									
source	<pre><xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the ILU.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ILU_Type**

diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	ns1:TypeOfLoadUnitType																		
properties	content simple																		
used by	element ILU_Details																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation semitrailers</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation truck</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00	documentation unknown	enumeration	01	documentation Container	enumeration	02	documentation swap bodies	enumeration	03	documentation semitrailers	enumeration	04	documentation truck
Kind	Value	Annotation																	
enumeration	00	documentation unknown																	
enumeration	01	documentation Container																	
enumeration	02	documentation swap bodies																	
enumeration	03	documentation semitrailers																	
enumeration	04	documentation truck																	
annotation	documentation																		

	Type of ILU. Further information is given for each enumeration element.
source	<pre><xs:element name="ILU_Type" type="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>Type of ILU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element></pre>

element **IM_Partner**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Infrastructure Manager												
source	<pre><xs:element name="IM_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Infrastructure Manager</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ImpactedRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The RU impacted by a restriction												
source	<pre><xs:element name="ImpactedRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU impacted by a restriction</xs:documentation> </xs:annotation> </xs:element></pre>												

	</xs:element>
--	---------------

element IntermediateDestination


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element NextIntermediateDestination
annotation	documentation A location on the route of a train
source	<pre><xs:element name="IntermediateDestination" type="LocationIdent"> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </xs:element></pre>

element InternalReferenceIdentifier


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements DelayCauseTime InterruptionPoint/Interruption InterruptionInformation ReceiptConfirmationMessage TrainJourneyModificationMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation									

	The link to the IM System Reference
source	<pre><xs:element name="InternalReferenceIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>The link to the IM System Reference</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements InterruptionPoint/Interruption InterruptionInformation
annotation	documentation Date and Time when the Train was interrupted
source	<pre><xs:element name="InterruptionDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the Train was interrupted</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements ChangeofTrackMessage ExceptionReason InterruptionPoint/Interruption InterruptionInformation									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation The free text description of an interruption									
source	<pre><xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element></pre>									

element **InterruptionInformation**

<p>diagram</p>	<p>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p> <ul style="list-style-type: none"> InterruptionDescription: The free text description of an interruption InterruptionDateTime: Date and Time when the Train was interrupted InterruptionReason: This element identifies the reason for an interruption of the train running InternalReferenceIdentifier: The link to the IM System Reference
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>InterruptionDescription InterruptionDateTime InterruptionReason InternalReferenceIdentifier</p>
<p>used by</p>	<p>element PathNotAvailableMessage</p>
<p>annotation</p>	<p>documentation The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p>
<p>source</p>	<pre><xs:element name="InterruptionInformation"> <xs:annotation> <xs:documentation>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element ref="InterruptionDateTime" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **InterruptionPoint**

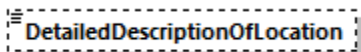
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location DetailedDescriptionOfLocation Interruption BookedLocationDateTime ReferencedLocationDateTime InterruptionDuration Remarks GeoLocalisationOnNetwork</p>
<p>used by</p>	<p>element TrainRunningInterruptionMessage</p>
<p>annotation</p>	<p>documentation describes the interruption points with location and the reason for the interruption</p>
<p>source</p>	<pre><xs:element name="InterruptionPoint"> <xs:annotation> <xs:documentation>describes the interruption points with location and the reason for the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

        <xs:element ref="InterruptionDateTime"/>
        <xs:element ref="InterruptionDescription" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="BookedLocationDateTime" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Scheduled Date and Time of a train at a
specified location as defined in the path contract</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
<xs:element name="InterruptionDuration" minOccurs="0">
    <xs:annotation>
        <xs:documentation>To specify the probable duration of the
interruption</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="EarliestEndTime" type="xs:dateTime"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Forecasted earliest time for end of
interruption</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="LatestEndTime" type="xs:dateTime"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Forecasted latest time for end of
interruption</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>To provide any additional information to the RU
or next IM (e.g. contact person, next steps, etc)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<code><xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/></code>

element **InterruptionPoint/Interruption**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier
source	<pre> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration**

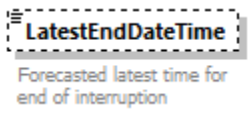
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EarliestEndDateTime LatestEndDateTime
annotation	documentation To specify the probable duration of the interruption
source	<pre> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

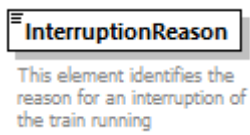
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption

source	<pre><xs:element name="EarliestEndTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element></pre>
--------	--

element **InterruptionPoint/InterruptionDuration/LatestEndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption
source	<pre><xs:element name="LatestEndTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionReason**

diagram																									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																								
type	ns1:DelayCode																								
properties	content simple																								
used by	elements ChangeofTrackMessage InterruptionPoint/Interruption InterruptionInformation																								
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wrong application of priority rules</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td></td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation Staff</td> </tr> <tr> <td>enumeration</td> <td>19</td> <td>documentation Other causes related to the operational planning and management</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures	enumeration	13	documentation Wrong application of priority rules	enumeration	14		enumeration	18	documentation Staff	enumeration	19	documentation Other causes related to the operational planning and management
Kind	Value	Annotation																							
enumeration	11	documentation Formation of trains if managed by infrastructure manager																							
enumeration	10	documentation Timetable compilation																							
enumeration	12	documentation Mistakes in operational procedures																							
enumeration	13	documentation Wrong application of priority rules																							
enumeration	14																								
enumeration	18	documentation Staff																							
enumeration	19	documentation Other causes related to the operational planning and management																							

enumeration	20	documentation Signalling installations
enumeration	21	documentation Signalling installations at level crossings
enumeration	22	documentation Telecommunication installations
enumeration	23	documentation Power supply equipment
enumeration	24	documentation Track
enumeration	25	documentation Structures
enumeration	28	documentation Staff
enumeration	29	documentation Other causes related to infrastructure installations
enumeration	31	documentation Irregularities in execution of construction work
enumeration	30	documentation Planned construction work
enumeration	32	documentation Speed restrictions due to defective track
enumeration	39	documentation Other causes related to Civil engineering
enumeration	40	documentation Delay caused by next IM
enumeration	41	documentation Delay caused by previous IM
enumeration	50	documentation exceeding the stop time
enumeration	51	documentation Request of the RU
enumeration	52	documentation Loading operations
enumeration	53	documentation Loading irregularities
enumeration	54	documentation Commercial preparation of the train
enumeration	58	documentation Staff
enumeration	59	documentation Other causes related to commercial causes
enumeration	60	documentation Roster planning/re-rostering
enumeration	61	documentation Formation of trains by the RU
enumeration	62	documentation Problems affecting coaches
enumeration	63	documentation Problems affecting wagons
enumeration	64	documentation Problems affecting traction units
enumeration	68	documentation Staff
enumeration	69	documentation Other causes related to Rolling Stock
enumeration	70	documentation Delay caused by next RU
enumeration	71	documentation Delay caused by previous RU
enumeration	80	documentation Strike
enumeration	81	documentation

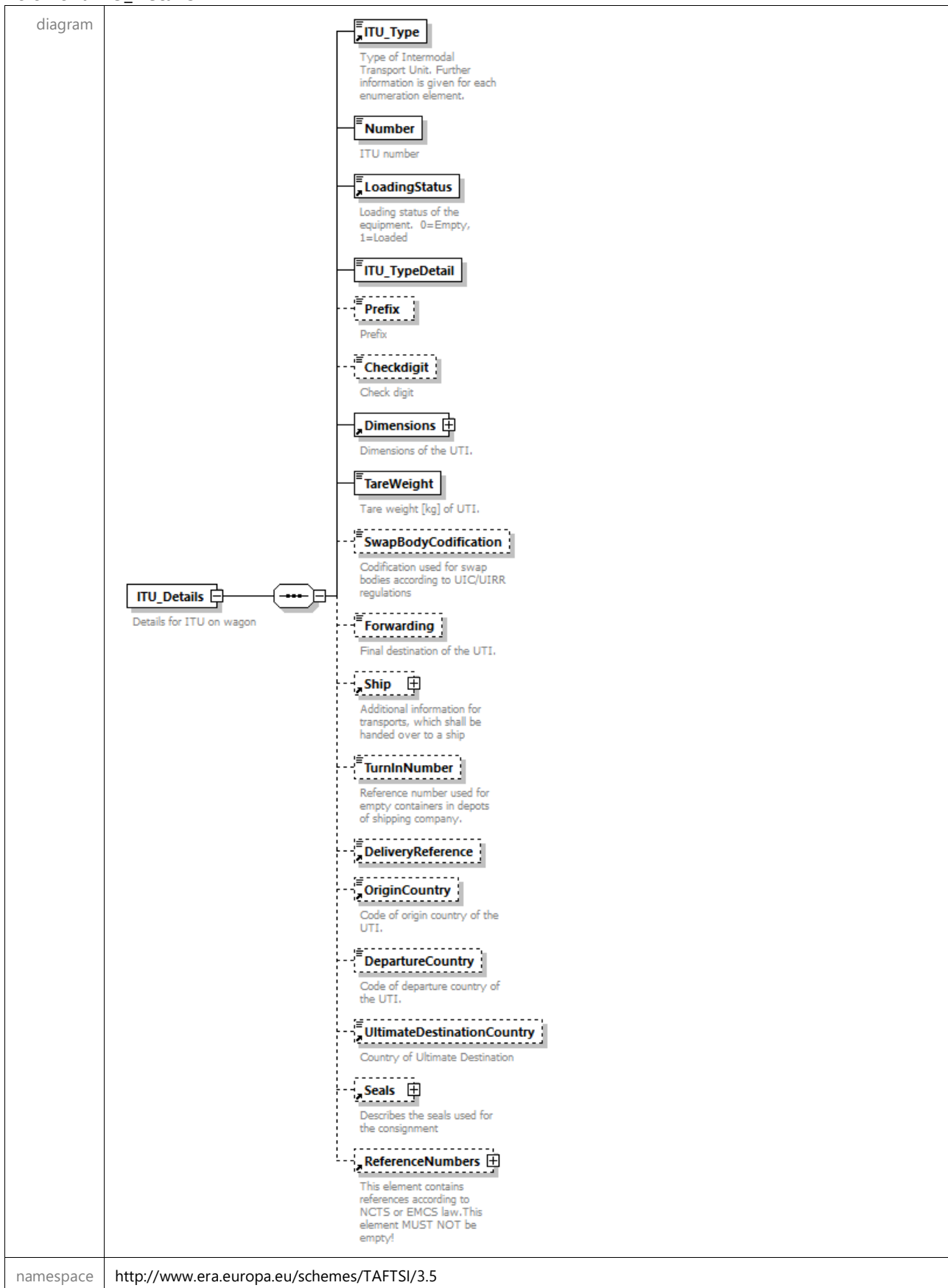
	enumeration 82	Administrative formalites documentation
	enumeration 83	Outside influence documentation
	enumeration 84	Effects of weather and natural causes documentation
	enumeration 89	Delay caused by external reasons on the next network documentation
	enumeration 90	Other external causes documentation
	enumeration 91	Dangerous incidents, accidents and hazards documentation
	enumeration 92	Track occupation caused by the lateness of the same train documentation
	enumeration 93	Track occupation caused by the lateness of another train documentation
	enumeration 94	Turn round documentation
	enumeration 95	Connection documentation
		Further investigation needed
annotation	documentation	This element identifies the reason for an interruption of the train running
source	<pre><xs:element name="InterruptionReason" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for an interruption of the train running</xs:documentation> </xs:annotation> </xs:element></pre>	

element ITU

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5	
properties	content complex	
children	ITU Details Goods SummaryOFGoodsWithSameRID	
annotation	documentation	Describes the type and content of an IntermodalTransportUnit
source	<pre><xs:element name="ITU"> <xs:annotation></pre>	

```
<xs:documentation>Describes the type and content of an
IntermodalTransportUnit</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="ITU_Details">
      <xs:annotation>
        <xs:documentation>Details for Intermodal Transport Unit on
wagon</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="Goods" maxOccurs="99"/>
    <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```


element **ITU_Details**



properties	content complex
children	ITU_Type Number LoadingStatus ITU_TypeDetail Prefix Checkdigit Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers
used by	element ITU
annotation	documentation Details for ITU on wagon
source	<pre> <xs:element name="ITU_Details"> <xs:annotation> <xs:documentation>Details for ITU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Type"> <xs:annotation> <xs:documentation>Type of Intermodal Transport Unit. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

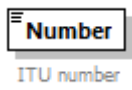
```

        <xs:minLength value="1"/>
        <xs:maxLength value="5"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Checkdigit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Check digit</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:totalDigits value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Dimensions"/>
<xs:element name="TareWeight" type="WeightValueKilo">
    <xs:annotation>
        <xs:documentation>Tare weight [kg] of UTI.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="SwapBodyCodification" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Codification used for swap bodies according to
UIC/UIRR regulations </xs:documentation>
        <xs:documentation>CODE:</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="3"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Forwarding" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Final destination of the UTI.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="80"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
    <xs:annotation/>
</xs:element>
<xs:element name="TurnInNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Reference number used for empty containers in
depots of shipping company.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="30"/>
            <xs:minLength value="1"/>
        </xs:restriction>


```

	<pre> </xs:simpleType> </xs:element> <xs:element ref="DeliveryReference" minOccurs="0"/> <xs:element ref="OriginCountry" minOccurs="0"/> <xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="UltimateDestinationCountry" minOccurs="0"/> <xs:element ref="Seals" minOccurs="0"/> <xs:element ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ITU_Details/Number**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of EquipmentNumberType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	documentation ITU number									
source	<pre> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> </pre>									

element **ITU_Details/ITU_TypeDetail**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:token						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BX</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	BX	
Kind	Value	Annotation					
enumeration	BX						


	<p>enumeration BK</p> <p>enumeration FL</p> <p>enumeration HT</p> <p>enumeration HC</p> <p>enumeration IN</p> <p>enumeration OT</p> <p>enumeration HH</p> <p>enumeration PW</p> <p>enumeration OS</p> <p>enumeration RF</p> <p>enumeration SD</p> <p>enumeration SL</p> <p>enumeration VE</p> <p>enumeration TC</p> <p>enumeration RH</p>
source	<pre> <xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ITU_Details/Prefix**

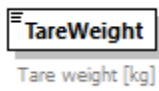
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<p>minOcc 0</p> <p>maxOcc 1</p> <p>content simple</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									

annotation	documentation Prefix
source	<pre><xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element ITU_Details/Checkdigit

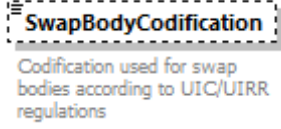
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:int						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	1	
Kind	Value	Annotation					
totalDigits	1						
annotation	documentation Check digit						
source	<pre><xs:element name="Checkdigit" minOccurs="0"> <xs:annotation> <xs:documentation>Check digit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element ITU_Details/TareWeight

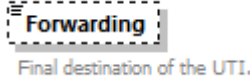
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WeightValueKilo									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999999									

	whiteSpace collapse
annotation	documentation Tare weight [kg] of UTI.
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTI.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ITU_Details/SwapBodyCodification**

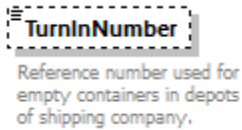
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3 maxLength 4
annotation	documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:
source	<pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ITU_Details/Forwarding**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>80</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	documentation Final destination of the UTI.									
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTI.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ITU_Details/TurnInNumber

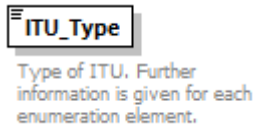
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	documentation Reference number used for empty containers in depots of shipping company.									
source	<pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ITU_Details/DepartureCountry

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Code of departure country of the UTI. documentation CODE: ISO-3166-2
source	<pre><xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre>

element ITU_Type

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of EquipmentTypeType
properties	content simple
used by	element ITU Details
facets	Kind Value Annotation enumeration cn documentation Container enumeration sw documentation swap body enumeration te documentation Trailer (RollingRoad)
annotation	documentation Type of ITU. Further information is given for each enumeration element.
source	<pre><xs:element name="ITU_Type"> <xs:annotation> <xs:documentation>Type of ITU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentTypeType"/> </xs:simpleType> </xs:element></pre>

element **JourneySection**

<p>diagram</p>	<pre> classDiagram class JourneySection { JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection } </pre>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection</p>
<p>used by</p>	<p>element TrainCompositionJourneySection</p>
<p>annotation</p>	<p>documentation Defines the data provided by the IM for a journey section</p>
<p>source</p>	<pre> <xs:element name="JourneySection"> <xs:annotation> <xs:documentation>Defines the data provided by the IM for a journey section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySectionOrigin"/> <xs:element ref="JourneySectionDestination"/> <xs:element ref="ResponsibilityActualSection"/> <xs:element ref="ResponsibilityNextSection" minOccurs="0"> <xs:annotation> <xs:documentation>Only optional for the last section</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

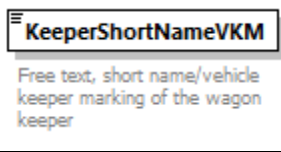
element **JourneySectionDestination**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime</p>
<p>used by</p>	<p>element JourneySection</p>
<p>annotation</p>	<p>documentation Destination of the section on which train composition is unchanged</p>
<p>source</p>	<pre><xs:element name="JourneySectionDestination"> <xs:annotation> <xs:documentation>Destination of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

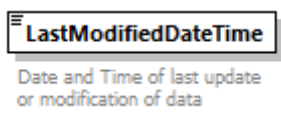
element **JourneySectionOrigin**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime</p>
<p>used by</p>	<p>element JourneySection</p>
<p>annotation</p>	<p>documentation Origin of the section on which train composition is unchanged</p>
<p>source</p>	<pre> <xs:element name="JourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

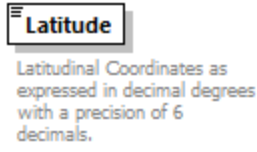
element **KeeperShortNameVKM**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
used by	elements RollingStockDataset/AdministrativeDataSet RollingStockDatasetMessage/RefusedWagonNumbers						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	10	
Kind	Value	Annotation					
maxLength	10						
annotation	documentation Free text, short name/vehicle keeper marking of the wagon keeper						
source	<pre><xs:element name="KeeperShortNameVKM"> <xs:annotation> <xs:documentation>Free text, short name/vehicle keeper marking of the wagon keeper</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						


element **LastModifiedDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of last update or modification of data
source	<pre><xs:element name="LastModifiedDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of last update or modification of data</xs:documentation> </xs:annotation> </xs:element></pre>

element **Latitude**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre><xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element></pre>

element **LeadRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Lead Railway Undertaking												
source	<pre><xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>												

element **Length**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Value Measure
used by	elements Dimensions TractionDetails complexType DimensionValue
annotation	documentation Length of ITU.
source	<pre><xs:element name="Length"> <xs:annotation> <xs:documentation>Length of ITU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LengthOfSetOfCarriages**

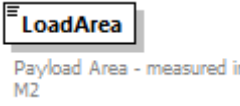
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric4-4									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.									
source	<pre><xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated and rounded up maximum length of all</pre>									

	wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.</xs:documentation> </xs:annotation> </xs:element>
--	---

element **LengthOverBuffers**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet WagonTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Length over buffers is expressed in cm.									
source	<pre><xs:element name="LengthOverBuffers"> <xs:annotation> <xs:documentation>Length over buffers is expressed in cm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadArea**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Payload Area - measured in M2									

source	<pre><xs:element name="LoadArea"> <xs:annotation> <xs:documentation>Payload Area - measured in M2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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element **LoadingCapacity**

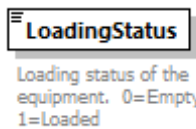
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Usable Cube - measured in M3									
source	<pre><xs:element name="LoadingCapacity"> <xs:annotation> <xs:documentation>Usable Cube - measured in M3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadingFacility**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	CustomerNumber AdministrativeContactInformation
annotation	documentation Identifies the loading facility (in case of message type = ORU)
source	<pre><xs:element name="LoadingFacility"> <xs:annotation> <xs:documentation>Identifies the loading facility (in case of message type = ORU)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"/> <xs:element ref="AdministrativeContactInformation"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LoadingStatus**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements ILU Details ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation Loading status of the equipment. 0=Empty, 1=Loaded									
source	<pre><xs:element name="LoadingStatus"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadingTackles**

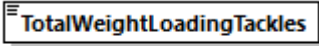
<p>diagram</p>	<pre> classDiagram class LoadingTackles { LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription } class LoadingTackleType { LoadingTackleType } class Quantity { Quantity } class TotalWeightLoadingTackles { TotalWeightLoadingTackles } class TypeDescription { TypeDescription } LoadingTackles --> LoadingTackleType LoadingTackles --> Quantity LoadingTackles --> TotalWeightLoadingTackles LoadingTackles --> TypeDescription </pre>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription</p>
<p>used by</p>	<p>elements ILU Wagons</p>
<p>annotation</p>	<p>documentation Describes the loading tackles used inside the wagon</p>
<p>source</p>	<pre> <xs:element name="LoadingTackles"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> <xs:element ref="Quantity"/> <xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **LoadingTackles/LoadingTackleType**

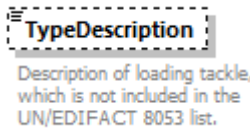
diagram	 <p>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
annotation	documentation Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.
source	<pre> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> </pre>

element **LoadingTackles/TotalWeightLoadingTackles**

diagram	 <p>Total weight of the loading tackles (kg) of the specified type</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WeightValueKilo
properties	content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	<p>documentation</p> <p>Total weight of the loading tackles (kg) of the specified type</p>												
source	<pre><xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element></pre>												

element **LoadingTackles/TypeDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<p>documentation</p> <p>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</p>									
source	<pre><xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Location**

<p>diagram</p>	<p>The diagram illustrates the structure of the Location element. It is a simple type that uses the LocationIdent complex type. LocationIdent is composed of four parts: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>used by</p>	<p>elements AffectedLocation ArrivalInterchangeReport ConsignmentOrderMessage/COMS/COM/CustomsProcedures DepartureInterchangeReport ExceptionPoint InterruptionPoint LocationModified ProductionStation SpecialTreatments TrainForecastAtReportingLocationMessage TrainLocationReport WagonAtDeparture WagonEventInformation WagonPickupAtOrigin YardArrival YardDeparture</p>
<p>annotation</p>	<p>documentation Identifies a Location using a LocationIdent</p>
<p>source</p>	<pre><xs:element name="Location" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies a Location using a LocationIdent</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocationActualTrack**

diagram	<p>The diagram illustrates the structure of the LocationActualTrack element. It is connected to a complex type named LocationIdent. This complex type contains four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xs:element name="LocationActualTrack" type="LocationIdent"/></code>

element **LocationDateTime**

diagram	<p>The diagram shows the LocationDateTime element, which is used to identify the actual or forecasted Date / Time at a specific reporting point.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements AffectedLocation TrainAtLocation TrainLocationReport
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<code><xs:element name="LocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual or forecasted Date / Time at a specific reporting point</xs:documentation> </xs:annotation> </xs:element></code>

element **LocationFileDatasetMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus CountryCodeISO LocationPrimaryCode LocationPrimaryInformation LocationSubsidiaryInformation</p>
<p>annotation</p>	<p>documentation Used to Create, Modify or Update the LocationIdent Reference File</p>
<p>source</p>	<pre> <xs:element name="LocationFileDatasetMessage"> <xs:annotation> <xs:documentation> Used to Create, Modify or Update the LocationIdent Reference File</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:choice> <xs:element ref="LocationPrimaryInformation"/> <xs:element ref="LocationSubsidiaryInformation"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationModified**

<p>diagram</p>	<p>LocationModified This element shows the Location that has been changed for the train run</p> <p>Location Identifies a Location using a LocationIdent</p> <p>ModificationStatusIndicator This element shows if the location has been added or deleted in the modified train journey</p> <p>TrainLocationStatus Identifies the status of a train related to the actual time at a reporting point</p> <p>BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location ModificationStatusIndicator TrainLocationStatus BookedLocationDateTime</p>
<p>used by</p>	<p>element TrainJourneyModification</p>
<p>annotation</p>	<p>documentation This element shows the Location that has been changed for the train run</p>
<p>source</p>	<pre><xs:element name="LocationModified"> <xs:annotation> <xs:documentation>This element shows the Location that has been changed for the train run </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ModificationStatusIndicator"/> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

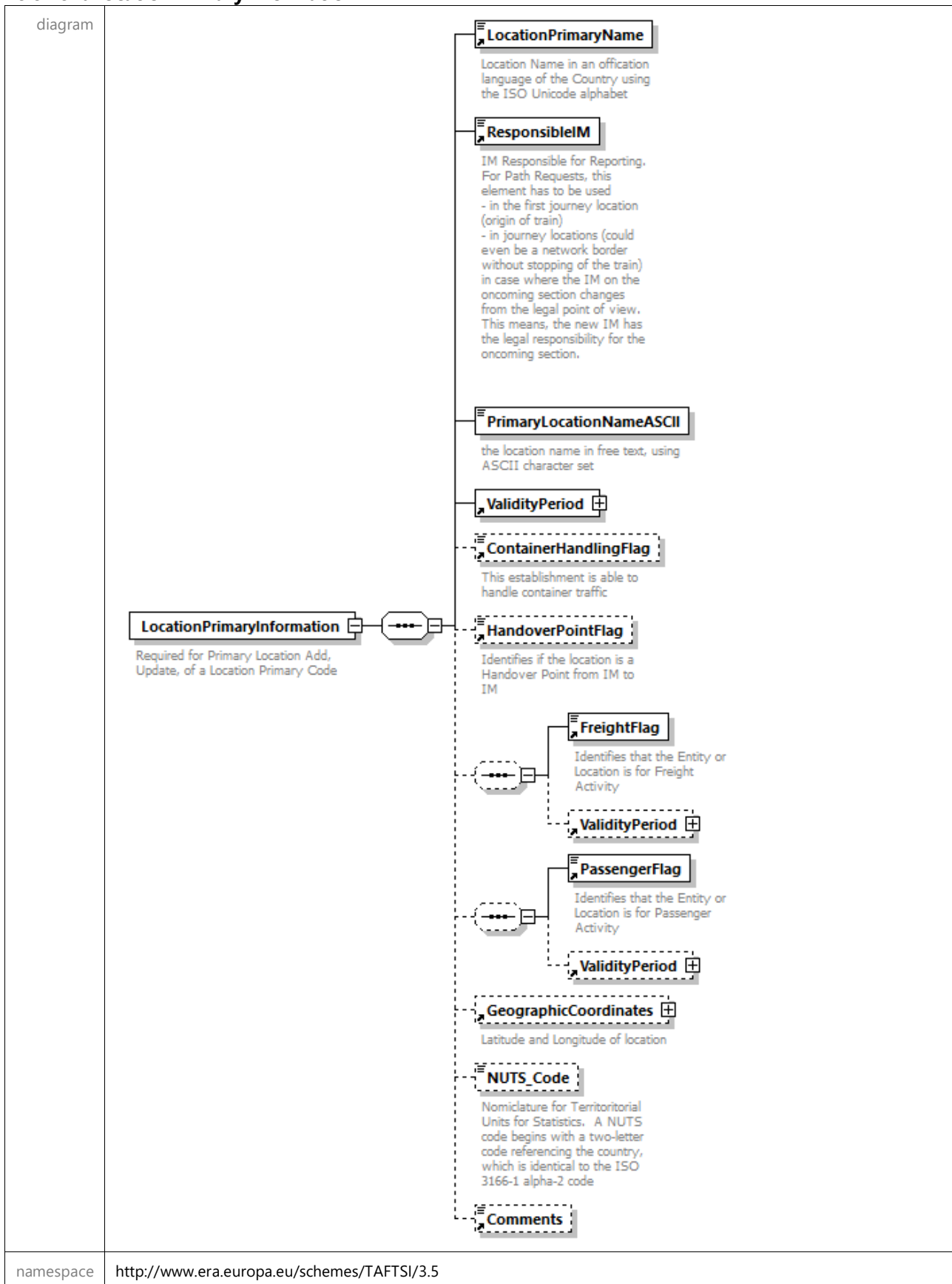
element **LocationPlannedTrack**

diagram	<p>The diagram shows a class LocationPlannedTrack containing a complex type LocationIdent. LocationIdent is composed of four elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xs:element name="LocationPlannedTrack" type="LocationIdent"/></code>

element **LocationPrimaryCode**

diagram	<p>The diagram shows a class LocationPrimaryCode.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	content simple									
used by	element LocationFileDatasetMessage complexType LocationIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
source	<code><xs:element name="LocationPrimaryCode" type="Numeric1-5"/></code>									

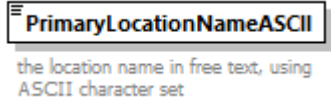
element **LocationPrimaryInformation**



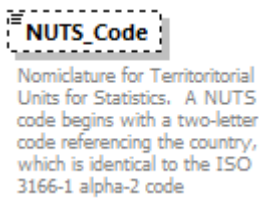
properties	content complex
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag PassengerFlag GeographicCoordinates NUTS_Code Comments
used by	element LocationFileDatasetMessage
annotation	documentation Required for Primary Location Add, Update, of a Location Primary Code
source	<pre> <xs:element name="LocationPrimaryInformation"> <xs:annotation> <xs:documentation>Required for Primary Location Add, Update, of a Location Primary Code</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationPrimaryName"/> <xs:element ref="ResponsibleIM"/> <xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ValidityPeriod"/> <xs:element ref="ContainerHandlingFlag" minOccurs="0"/> <xs:element ref="HandoverPointFlag" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="FreightFlag"/> <xs:element ref="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:sequence minOccurs="0"> <xs:element ref="PassengerFlag"/> <xs:element ref="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:element ref="GeographicCoordinates" minOccurs="0"/> <xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Comments" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>
--	----------------------------------

element **LocationPrimaryInformation/PrimaryLocationNameASCII**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation the location name in free text, using ASCII character set									
source	<pre><xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocationPrimaryInformation/NUTS_Code**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>50</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	50	
Kind	Value	Annotation								
minLength	1									
maxLength	50									
annotation	documentation Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code									
source	<pre><xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation></pre>									

	<pre> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **LocationPrimaryName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<pre> <xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LocationSubsidiaryCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	extension of String1-10												
properties	content complex												
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10				
Kind	Value	Annotation											
minLength	1												
maxLength	10												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>LocationSubsidiaryTypeCode</td> <td>derived by: xs:token</td> <td>required</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	LocationSubsidiaryTypeCode	derived by: xs:token	required			
Name	Type	Use	Default	Fixed	Annotation								
LocationSubsidiaryTypeCode	derived by: xs:token	required											

annotation	documentation this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"
source	<pre> <xs:element name="LocationSubsidiaryCode"> <xs:annotation> <xs:documentation>this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="String1-10"> <xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>

element **LocationSubsidiaryIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName
used by	complexType LocationIdent
annotation	documentation Code, Name and allocation company of Subsidiary Location
source	<pre> <xs:element name="LocationSubsidiaryIdentification"> <xs:annotation> <xs:documentation>Code, Name and allocation company of Subsidiary Location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>
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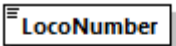
element **LocationSubsidiaryInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany ValidityPeriod Comments GeographicCoordinates
used by	element LocationFileDatasetMessage
annotation	documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)
source	<pre> <xs:element name="LocationSubsidiaryInformation"> <xs:annotation> <xs:documentation>Required for Add, Update of a Location Subsidiary Code (modified to global element)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="LocationSubsidiaryName"/> <xs:element ref="AllocationCompany"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationSubsidiaryName**

diagram	 <p>To be completed in an official language of the Country using the ISO Unicode alphabet</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation To be completed in an official language of the Country using the ISO Unicode alphabet									
source	<pre><xs:element name="LocationSubsidiaryName" type="FreeText"> <xs:annotation> <xs:documentation>To be completed in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>									

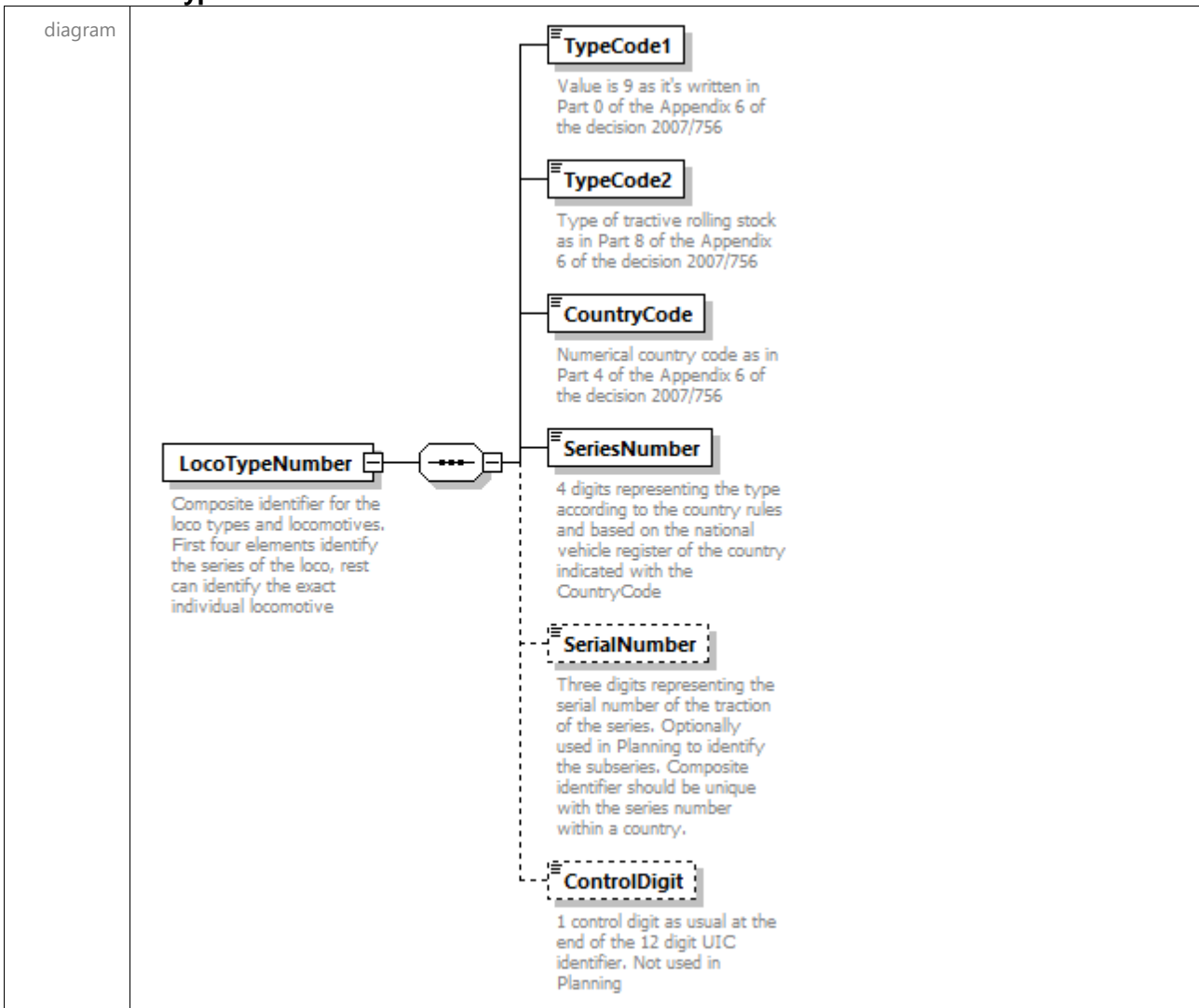
element **LocoNumber**

diagram	 <p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element TrainCompositionJourneySection/LocIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	12	
Kind	Value	Annotation								
minLength	4									
maxLength	12									
annotation	documentation Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.									
source	<pre><xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>									

```

<xs:maxLength value="12"/>
<xs:minLength value="4"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **LocoTypeNumber**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit
used by	elements TrainCompositionJourneySection/Locoldent TractionDetails
annotation	documentation Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive
source	<pre> <xs:element name="LocoTypeNumber"> <xs:annotation> <xs:documentation>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</xs:documentation> </pre>

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="TypeCode1">
      <xs:annotation>
        <xs:documentation>Value is 9 as it's written in Part 0 of the
Appendix 6 of the decision 2007/756</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="1"/>
          <xs:pattern value="[9]"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="TypeCode2">
      <xs:annotation>
        <xs:documentation>Type of tractive rolling stock as in Part 8 of
the Appendix 6 of the decision 2007/756</xs:documentation>
      </xs:annotation>
      <!--In PCS the following types are differentiated: Eletric, Diesel,
Steam, Hybrid:-->
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="1"/>
          <xs:pattern value="[0-9]"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CountryCode">
      <xs:annotation>
        <xs:documentation>Numerical country code as in Part 4 of the
Appendix 6 of the decision 2007/756</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="2"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="2"/>
          <xs:pattern value="[0-9]{2}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SeriesNumber">
      <xs:annotation>
        <xs:documentation>4 digits representing the type according to the
country rules and based on the national vehicle register of the country
indicated with the CountryCode</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="4"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="4"/>


```

```

        <xs:pattern value="[0-9]{4}"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SerialNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Three digits representing the serial number of
the traction of the series. Optionally used in Planning to identify the
subseries. Composite identifier should be unique with the series number
within a country.</xs:documentation>
    </xs:annotation>
    <!--Not necessary for Planning. Composite identifier should be
unique with the series number inside one country:-->
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="3"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="3"/>
            <xs:pattern value="[0-9]{3}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ControlDigit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>1 control digit as usual at the end of the 12
digit UIC identifier. Not used in Planning</xs:documentation>
    </xs:annotation>
    <!--Not necessary for Planning. Composite identifier should be
unique with the series number inside one country:-->
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="1"/>
            <xs:pattern value="[0-9]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>


```

element **LocoTypeNumber/TypeCode1**

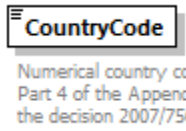
diagram	 <p>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 1 whiteSpace replace pattern [9]
annotation	documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756
source	<pre> <xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

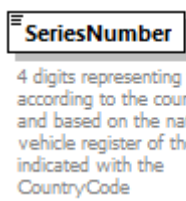
element **LocoTypeNumber/TypeCode2**

diagram	 <p>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>1</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[0-9]	
Kind	Value	Annotation														
minLength	1															
maxLength	1															
whiteSpace	replace															
pattern	[0-9]															
annotation	documentation Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756															
source	<pre> <xs:element name="TypeCode2"> <xs:annotation> <xs:documentation>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **LocoTypeNumber/CountryCode**

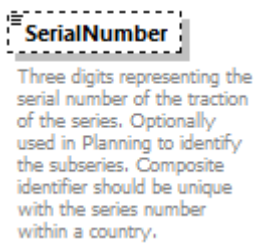
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{2}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		whiteSpace	replace		pattern	[0-9]{2}	
Kind	Value	Annotation														
minLength	2															
maxLength	2															
whiteSpace	replace															
pattern	[0-9]{2}															
annotation	documentation Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756															
source	<pre> <xs:element name="CountryCode"> <xs:annotation> <xs:documentation>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9]{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **LocoTypeNumber/SeriesNumber**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		whiteSpace	replace		pattern	[0-9]{4}	
Kind	Value	Annotation														
minLength	4															
maxLength	4															
whiteSpace	replace															
pattern	[0-9]{4}															


annotation	documentation 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode
source	<pre> <xs:element name="SeriesNumber"> <xs:annotation> <xs:documentation>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="4"/> <xs:pattern value="[0-9]{4}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LocoTypeNumber/SerialNumber**

diagram	 <p>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	1	content	simple									
minOcc	0															
maxOcc	1															
content	simple															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>3</td> <td></td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{3}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	3		maxLength	3		whiteSpace	replace		pattern	[0-9]{3}	
Kind	Value	Annotation														
minLength	3															
maxLength	3															
whiteSpace	replace															
pattern	[0-9]{3}															
annotation	documentation Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.															
source	<pre> <xs:element name="SerialNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country!--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

	<pre> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **LocoTypeNumber/ControlDigit**

diagram	 <p>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>1</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[0-9]	
Kind	Value	Annotation														
minLength	1															
maxLength	1															
whiteSpace	replace															
pattern	[0-9]															
annotation	documentation 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning															
source	<pre> <xs:element name="ControlDigit" minOccurs="0"> <xs:annotation> <xs:documentation>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **Longitude**

diagram	 <p>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre><xs:element name="Longitude" type="xs:float"> <xs:annotation> <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element></pre>

element **MaxAxleWeight**

diagram	<p>Indicates the maximum design axle weight (to).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0.1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99.9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0.1		maxInclusive	99.9	
Kind	Value	Annotation								
minInclusive	0.1									
maxInclusive	99.9									
annotation	documentation Indicates the maximum design axle weight (to).									
source	<pre><xs:element name="MaxAxleWeight"> <xs:annotation> <xs:documentation>Indicates the maximum design axle weight (to).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0.1"/> <xs:maxInclusive value="99.9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MaxDesignSpeed**

diagram	<p>Maximum approved speed of the wagon (km/h)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer

properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Maximum approved speed of the wagon (km/h)									
source	<pre><xs:element name="MaxDesignSpeed"> <xs:annotation> <xs:documentation>Maximum approved speed of the wagon (km/h)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MaxGrossWeight**

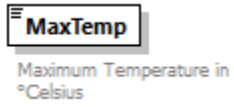
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	element RollingStockDataset/DesignDataSet												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Weight of max Gross Load Weight plus the tare weight of the equipment												
source	<pre><xs:element name="MaxGrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of max Gross Load Weight plus the tare weight of the equipment</xs:documentation> </xs:annotation> </xs:element></pre>												

element **MaxLengthOfLoad**


diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Measured in mm									
source	<pre><xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


element **MaxTemp**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Maximum Temperature in °Celsius									
source	<pre><xs:element name="MaxTemp"> <xs:annotation> <xs:documentation>Maximum Temperature in °Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

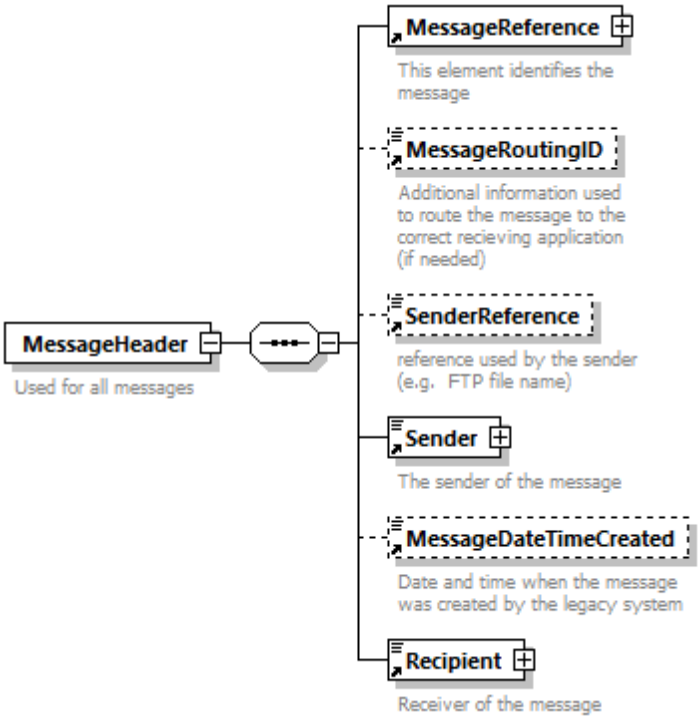
element **Measure**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	elements Height Length Width									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>ft</td> <td></td> </tr> <tr> <td>enumeration</td> <td>mm</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ft		enumeration	mm	
Kind	Value	Annotation								
enumeration	ft									
enumeration	mm									
annotation	documentation Measure used, either ft or mm									
source	<pre><xs:element name="Measure"> <xs:annotation> <xs:documentation>Measure used, either ft or mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ft"/> <xs:enumeration value="mm"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


element **MessageDateTimeCreated**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element MessageHeader
annotation	documentation Date and time when the message was created by the legacy system
source	<pre><xs:element name="MessageDateTimeCreated" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and time when the message was created by the legacy system</xs:documentation> </xs:annotation> </xs:element></pre>

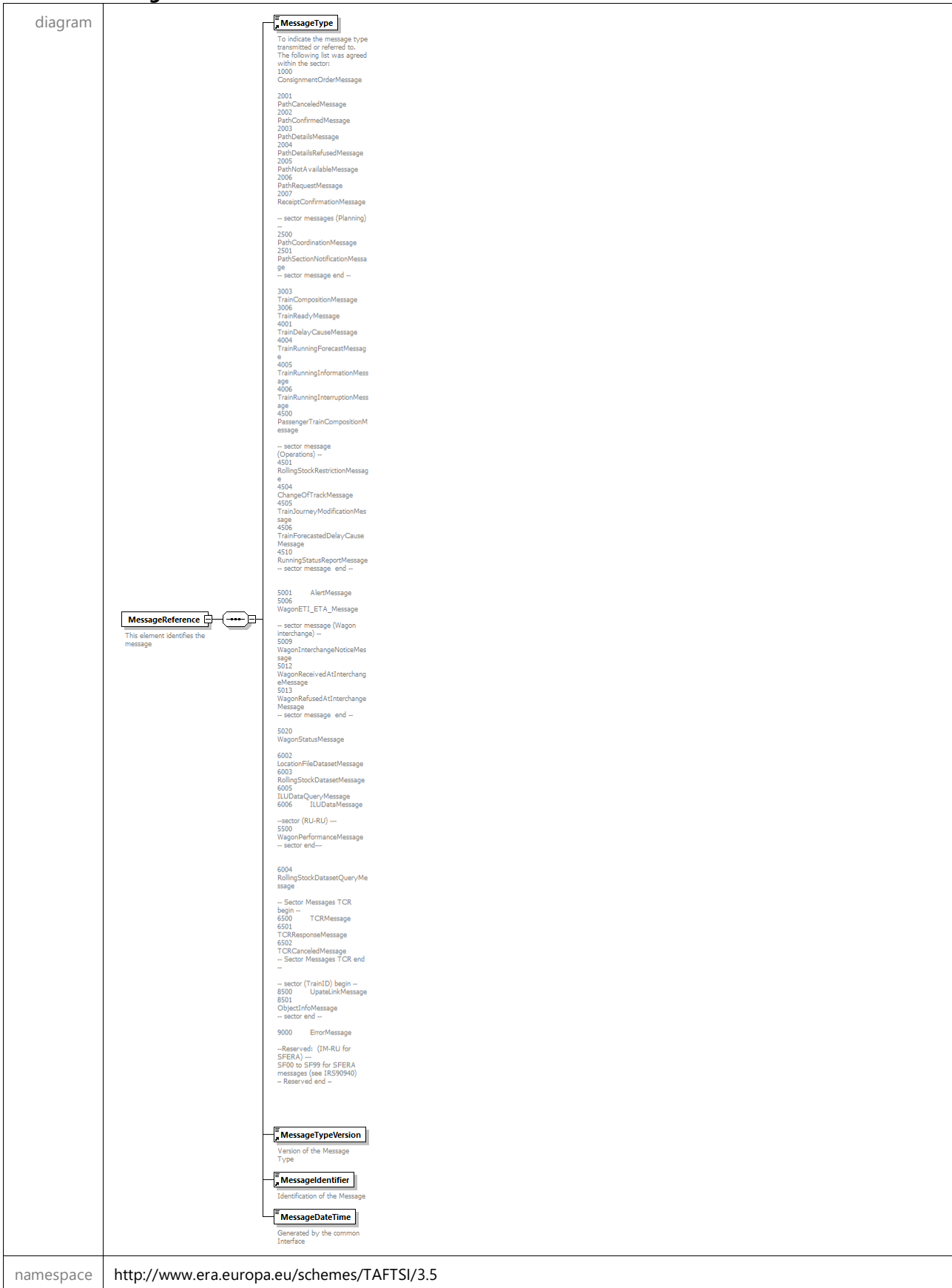
element **MessageHeader**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageReference MessageRoutingID SenderReference Sender MessageDateTimeCreated Recipient</p>
<p>used by</p>	<p>elements AlertMessage ChangeofTrackMessage ConsignmentOrderMessage ErrorMessage LocationFileDatasetMessage PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage RollingStockDatasetMessage RollingStockDatasetQueryMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastAtReportingLocationMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage WagonETI ETA Message WagonStatusMessages</p>
<p>annotation</p>	<p>documentation Used for all messages</p>
<p>source</p>	<pre><xs:element name="MessageHeader"> <xs:annotation> <xs:documentation>Used for all messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element ref="MessageRoutingID" minOccurs="0"/> <xs:element ref="SenderReference" minOccurs="0"/> <xs:element ref="Sender"/> <xs:element ref="MessageDateTimeCreated" minOccurs="0"/> <xs:element ref="Recipient"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageIdentifier**

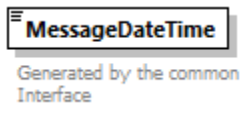
diagram	 <p>Identification of the Message</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element MessageReference									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identification of the Message									
source	<pre><xs:element name="MessageIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>Identification of the Message</xs:documentation> </xs:annotation> </xs:element></pre>									

element **MessageReference**

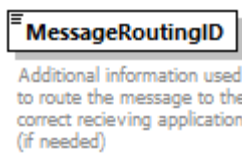


properties	content complex
children	MessageType MessageTypeVersion MessageIdentifier MessageDateTime
used by	elements ErrorMessage/ErrorCauseReference MessageHeader
annotation	documentation This element identifies the message
source	<pre> <xs:element name="MessageReference"> <xs:annotation> <xs:documentation>This element identifies the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageType"/> <xs:element ref="MessageTypeVersion"/> <xs:element ref="MessageIdentifier"/> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element [MessageReference/MessageDateTime](#)

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Generated by the common Interface
source	<pre> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </pre>

element [MessageRoutingID](#)

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	Numeric2-2									
properties	content simple									
used by	element MessageHeader									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Additional information used to route the message to the correct receiving application (if needed)									
source	<pre><xs:element name="MessageRoutingID" type="Numeric2-2"> <xs:annotation> <xs:documentation>Additional information used to route the message to the correct receiving application (if needed)</xs:documentation> </xs:annotation> </xs:element></pre>									

element **MessageType**

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px;"> <p>MessageType</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage</p> <p>2002 PathConfirmedMessage</p> <p>2003 PathDetailsMessage</p> <p>2004 PathDetailsRefusedMessage</p> <p>2005 PathNotAvailableMessage</p> <p>2006 PathRequestMessage</p> <p>2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning)</p> <p>2500 PathCoordinationMessage</p> <p>2501 PathSectionNotificationMessage</p> <p>-- sector message end --</p> <p>3003 TrainCompositionMessage</p> <p>3006 TrainReadyMessage</p> <p>4001 TrainDelayCauseMessage</p> <p>4004 TrainRunningForecastMessage</p> <p>4005 TrainRunningInformationMessage</p> <p>4006 TrainRunningInterruptionMessage</p> <p>4500 PassengerTrainCompositionMessage</p> <p>-- sector message (Operations) --</p> <p>4501 RollingStockRestrictionMessage</p> <p>4504 ChangeOfTrackMessage</p> <p>4505 TrainJourneyModificationMessage</p> <p>4506 TrainForecastedDelayCauseMessage</p> <p>4510 RunningStatusReportMessage</p> <p>-- sector message end --</p> <p>5001 AlertMessage</p> <p>5006 WagonETI_ETI_Message</p> <p>-- sector message (Wagon interchange) --</p> <p>5009 WagonInterchangeNoticeMessage</p> <p>5012 WagonReceivedAtInterchangeMessage</p> <p>5013 WagonRefusedAtInterchangeMessage</p> <p>-- sector message end --</p> <p>5020 WagonStatusMessage</p> <p>6002 LocationFileDatasetMessage</p> <p>6003 RollingStockDatasetMessage</p> <p>6005 ILUDataQueryMessage</p> <p>6006 ILUDataMessage</p> <p>--sector (RU-RU) --</p> <p>5500 WagonPerformanceMessage</p> <p>-- sector end--</p> <p>6004 RollingStockDatasetQueryMessage</p> <p>-- Sector Messages TCR</p> <p>begin --</p> <p>6500 TCRMessage</p> <p>6501 TCRResponseMessage</p> <p>6502 TCRCanceledMessage</p> <p>-- Sector Messages TCR end</p> <p>--</p> <p>-- sector (TrainID) begin --</p> <p>8500 UpdateLinkMessage</p> <p>8501 ObjectInfoMessage</p> <p>-- sector end --</p> <p>9000 ErrorMessage</p> <p>--Reserved: (IM-RU for SFERA) --</p> <p>SF00 to SF99 for SFERA messages (see IRS90940)</p> <p>-- Reserved end --</p> </div>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>

type	restriction of xs:string																																																																																		
properties	content simple																																																																																		
used by	element MessageReference																																																																																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	4																																																																										
Kind	Value	Annotation																																																																																	
minLength	1																																																																																		
maxLength	4																																																																																		
annotation	<p>documentation</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <table border="1"> <tbody> <tr> <td>1000</td> <td>ConsignmentOrderMessage</td> </tr> <tr> <td>2001</td> <td>PathCanceledMessage</td> </tr> <tr> <td>2002</td> <td>PathConfirmedMessage</td> </tr> <tr> <td>2003</td> <td>PathDetailsMessage</td> </tr> <tr> <td>2004</td> <td>PathDetailsRefusedMessage</td> </tr> <tr> <td>2005</td> <td>PathNotAvailableMessage</td> </tr> <tr> <td>2006</td> <td>PathRequestMessage</td> </tr> <tr> <td>2007</td> <td>ReceiptConfirmationMessage</td> </tr> <tr> <td colspan="2">-- sector messages (Planning) --</td> </tr> <tr> <td>2500</td> <td>PathCoordinationMessage</td> </tr> <tr> <td>2501</td> <td>PathSectionNotificationMessage</td> </tr> <tr> <td colspan="2">-- sector message end --</td> </tr> <tr> <td>3003</td> <td>TrainCompositionMessage</td> </tr> <tr> <td>3006</td> <td>TrainReadyMessage</td> </tr> <tr> <td>4001</td> <td>TrainDelayCauseMessage</td> </tr> <tr> <td>4004</td> <td>TrainRunningForecastMessage</td> </tr> <tr> <td>4005</td> <td>TrainRunningInformationMessage</td> </tr> <tr> <td>4006</td> <td>TrainRunningInterruptionMessage</td> </tr> <tr> <td>4500</td> <td>PassengerTrainCompositionMessage</td> </tr> <tr> <td colspan="2">-- sector message (Operations) --</td> </tr> <tr> <td>4501</td> <td>RollingStockRestrictionMessage</td> </tr> <tr> <td>4504</td> <td>ChangeOfTrackMessage</td> </tr> <tr> <td>4505</td> <td>TrainJourneyModificationMessage</td> </tr> <tr> <td>4506</td> <td>TrainForecastedDelayCauseMessage</td> </tr> <tr> <td>4510</td> <td>RunningStatusReportMessage</td> </tr> <tr> <td colspan="2">-- sector message end --</td> </tr> <tr> <td>5001</td> <td>AlertMessage</td> </tr> <tr> <td>5006</td> <td>WagonETI_ETA_Message</td> </tr> <tr> <td colspan="2">-- sector message (Wagon interchange) --</td> </tr> <tr> <td>5009</td> <td>WagonInterchangeNoticeMessage</td> </tr> <tr> <td>5012</td> <td>WagonReceivedAtInterchangeMessage</td> </tr> <tr> <td>5013</td> <td>WagonRefusedAtInterchangeMessage</td> </tr> <tr> <td colspan="2">-- sector message end --</td> </tr> <tr> <td>5020</td> <td>WagonStatusMessage</td> </tr> <tr> <td>6002</td> <td>LocationFileDatasetMessage</td> </tr> <tr> <td>6003</td> <td>RollingStockDatasetMessage</td> </tr> <tr> <td>6005</td> <td>ILUDataQueryMessage</td> </tr> <tr> <td>6006</td> <td>ILUDataMessage</td> </tr> <tr> <td colspan="2">--sector (RU-RU) ---</td> </tr> <tr> <td>5500</td> <td>WagonPerformanceMessage</td> </tr> <tr> <td colspan="2">-- sector end---</td> </tr> </tbody> </table>	1000	ConsignmentOrderMessage	2001	PathCanceledMessage	2002	PathConfirmedMessage	2003	PathDetailsMessage	2004	PathDetailsRefusedMessage	2005	PathNotAvailableMessage	2006	PathRequestMessage	2007	ReceiptConfirmationMessage	-- sector messages (Planning) --		2500	PathCoordinationMessage	2501	PathSectionNotificationMessage	-- sector message end --		3003	TrainCompositionMessage	3006	TrainReadyMessage	4001	TrainDelayCauseMessage	4004	TrainRunningForecastMessage	4005	TrainRunningInformationMessage	4006	TrainRunningInterruptionMessage	4500	PassengerTrainCompositionMessage	-- sector message (Operations) --		4501	RollingStockRestrictionMessage	4504	ChangeOfTrackMessage	4505	TrainJourneyModificationMessage	4506	TrainForecastedDelayCauseMessage	4510	RunningStatusReportMessage	-- sector message end --		5001	AlertMessage	5006	WagonETI_ETA_Message	-- sector message (Wagon interchange) --		5009	WagonInterchangeNoticeMessage	5012	WagonReceivedAtInterchangeMessage	5013	WagonRefusedAtInterchangeMessage	-- sector message end --		5020	WagonStatusMessage	6002	LocationFileDatasetMessage	6003	RollingStockDatasetMessage	6005	ILUDataQueryMessage	6006	ILUDataMessage	--sector (RU-RU) ---		5500	WagonPerformanceMessage	-- sector end---	
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2001	PathCanceledMessage																																																																																		
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2004	PathDetailsRefusedMessage																																																																																		
2005	PathNotAvailableMessage																																																																																		
2006	PathRequestMessage																																																																																		
2007	ReceiptConfirmationMessage																																																																																		
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2501	PathSectionNotificationMessage																																																																																		
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5013	WagonRefusedAtInterchangeMessage																																																																																		
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6002	LocationFileDatasetMessage																																																																																		
6003	RollingStockDatasetMessage																																																																																		
6005	ILUDataQueryMessage																																																																																		
6006	ILUDataMessage																																																																																		
--sector (RU-RU) ---																																																																																			
5500	WagonPerformanceMessage																																																																																		
-- sector end---																																																																																			

	<pre> 6004 RollingStockDatasetQueryMessage -- Sector Messages TCR begin -- 6500 TCRMessage 6501 TCRResponseMessage 6502 TCRCanceledMessage -- Sector Messages TCR end -- -- sector (TrainID) begin -- 8500 UpateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage --Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) -- Reserved end -- </pre>
source	<pre> <xs:element name="MessageType"> <xs:annotation> <xs:documentation>To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage -- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end -- 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage 4500 PassengerTrainCompositionMessage -- sector message (Operations) -- 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage 4506 TrainForecastedDelayCauseMessage 4510 RunningStatusReportMessage -- sector message end -- 5001 AlertMessage 5006 WagonETI_ETA_Message </pre>

```

-- sector message (Wagon interchange) --
5009      WagonInterchangeNoticeMessage
5012      WagonReceivedAtInterchangeMessage
5013      WagonRefusedAtInterchangeMessage
-- sector message end --

5020      WagonStatusMessage

6002      LocationFileDatasetMessage
6003      RollingStockDatasetMessage
6005      ILUDataQueryMessage
6006      ILUDataMessage

--sector (RU-RU) ---
5500      WagonPerformanceMessage
-- sector end---

6004      RollingStockDatasetQueryMessage

-- Sector Messages TCR begin --
6500      TCRMessage
6501      TCRResponseMessage
6502      TCRCanceledMessage
-- Sector Messages TCR end --

-- sector (TrainID) begin --
8500      UpatelinkMessage
8501      ObjectInfoMessage
-- sector end --

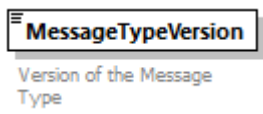
9000      ErrorMessage

--Reserved: (IM-RU for SFERA) ---
SF00 to SF99 for SFERA messages (see IRS90940)
- Reserved end -

                                </xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="4"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

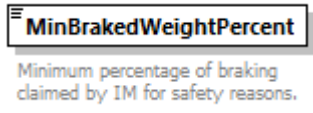
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element **MessageTypeVersion**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:string						
properties	content simple						
used by	element MessageReference						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	25	
Kind	Value	Annotation					
maxLength	25						
annotation	documentation Version of the Message Type						
source	<pre><xs:element name="MessageTypeVersion"> <xs:annotation> <xs:documentation>Version of the Message Type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						


element **MinBrakedWeightPercent**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum percentage of braking claimed by IM for safety reasons.									
source	<pre><xs:element name="MinBrakedWeightPercent"> <xs:annotation> <xs:documentation>Minimum percentage of braking claimed by IM for safety reasons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinCurveRadius**

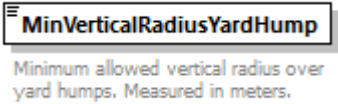
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Measured in Metres									
source	<pre><xs:element name="MinCurveRadius"> <xs:annotation> <xs:documentation>Measured in Metres</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinTemp**

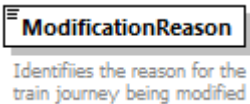
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>-99</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>0</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	-99		maxInclusive	0	
Kind	Value	Annotation								
minInclusive	-99									
maxInclusive	0									
annotation	documentation Minimum temperature in ° Celsius									
source	<pre><xs:element name="MinTemp"> <xs:annotation> <xs:documentation>Minimum temperature in ° Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="-99"/> <xs:maxInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre></xs:simpleType> </xs:element></pre>
--	---

element **MinVerticalRadiusYardHump**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum allowed vertical radius over yard humps. Measured in meters.									
source	<pre><xs:element name="MinVerticalRadiusYardHump"> <xs:annotation> <xs:documentation>Minimum allowed vertical radius over yard humps. Measured in meters.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ModificationReason**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	ns1:DelayCode															
properties	content simple															
used by	element TrainJourneyModificationMessage															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wrong application of priority rules</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures	enumeration	13	documentation Wrong application of priority rules
Kind	Value	Annotation														
enumeration	11	documentation Formation of trains if managed by infrastructure manager														
enumeration	10	documentation Timetable compilation														
enumeration	12	documentation Mistakes in operational procedures														
enumeration	13	documentation Wrong application of priority rules														

enumeration	14	
enumeration	18	documentation
		Staff
enumeration	19	documentation
		Other causes related to the operational planning and management
enumeration	20	documentation
		Signalling installations
enumeration	21	documentation
		Signalling installations at level crossings
enumeration	22	documentation
		Telecommunication installations
enumeration	23	documentation
		Power supply equipment
enumeration	24	documentation
		Track
enumeration	25	documentation
		Structures
enumeration	28	documentation
		Staff
enumeration	29	documentation
		Other causes related to infrastructure installations
enumeration	31	documentation
		Irregularities in execution of construction work
enumeration	30	documentation
		Planned construction work
enumeration	32	documentation
		Speed restrictions due to defective track
enumeration	39	documentation
		Other causes related to Civil engineering
enumeration	40	documentation
		Delay caused by next IM
enumeration	41	documentation
		Delay caused by previous IM
enumeration	50	documentation
		exceeding the stop time
enumeration	51	documentation
		Request of the RU
enumeration	52	documentation
		Loading operations
enumeration	53	documentation
		Loading irregularities
enumeration	54	documentation
		Commercial preparation of the train
enumeration	58	documentation
		Staff
enumeration	59	documentation
		Other causes related to commercial causes
enumeration	60	documentation
		Roster planning/re-rostering
enumeration	61	documentation
		Formation of trains by the RU
enumeration	62	documentation
		Problems affecting coaches
enumeration	63	documentation
		Problems affecting wagons
enumeration	64	documentation
		Problems affecting traction units
enumeration	68	documentation
		Staff
enumeration	69	documentation
		Other causes related to Rolling Stock
enumeration	70	documentation
		Delay caused by next RU


	enumeration 71	documentation Delay caused by previous RU
	enumeration 80	documentation Strike
	enumeration 81	documentation Administrative formalites
	enumeration 82	documentation Outside influence
	enumeration 83	documentation Effects of weather and natural causes
	enumeration 84	documentation Delay caused by external reasons on the next network
	enumeration 89	documentation Other external causes
	enumeration 90	documentation Dangerous incidents, accidents and hazards
	enumeration 91	documentation Track occupation caused by the lateness of the same train
	enumeration 92	documentation Track occupation caused by the lateness of another train
	enumeration 93	documentation Turn round
	enumeration 94	documentation Connection
	enumeration 95	documentation Further investigation needed
annotation		documentation Identifies the reason for the train journey being modified
source		<pre><xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element></pre>

element **ModificationStatusIndicator**

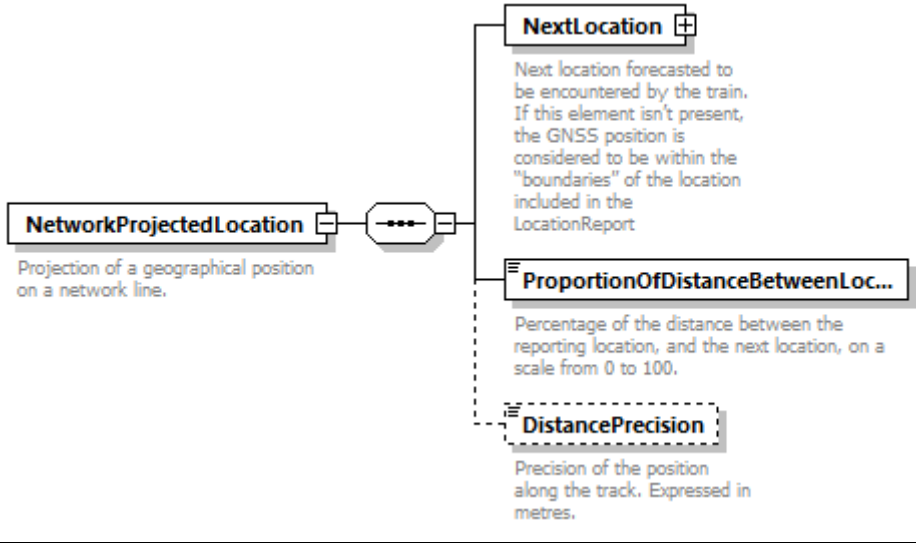
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content	simple	
used by	element	LocationModified	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99	
annotation	documentation This elemnt shows if the location has been added or deleted in the modified train journey		
source	<pre><xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This elemnt shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation></pre>		

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<xs:simpleType>
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="99"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
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element **Name**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements AdministrativeContactInformation Customer Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Generic Name in Free Text									
source	<pre><xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **NetworkProjectedLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	NextLocation ProportionOfDistanceBetweenLocations DistancePrecision
used by	element GeoLocalisationOnNetwork
annotation	documentation Projection of a geographical position on a network line.
source	<pre> <xs:element name="NetworkProjectedLocation"> <xs:annotation> <xs:documentation>Projection of a geographical position on a network line. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **NetworkProjectedLocation/NextLocation**

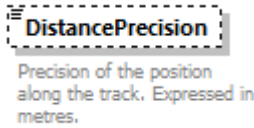
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</p>
<p>source</p>	<pre><xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

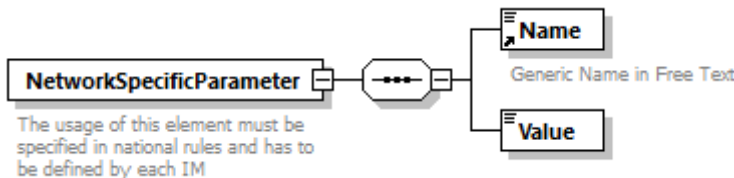
<p>diagram</p>										
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>									
<p>type</p>	<p>Percentage</p>									
<p>properties</p>	<p>content simple</p>									
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
<p>annotation</p>	<p>documentation Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.</p>									
<p>source</p>	<pre><xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation></pre>									

	<pre> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **NetworkProjectedLocation/DistancePrecision**

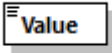
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position along the track. Expressed in metres.
source	<pre> <xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **NetworkSpecificParameter**

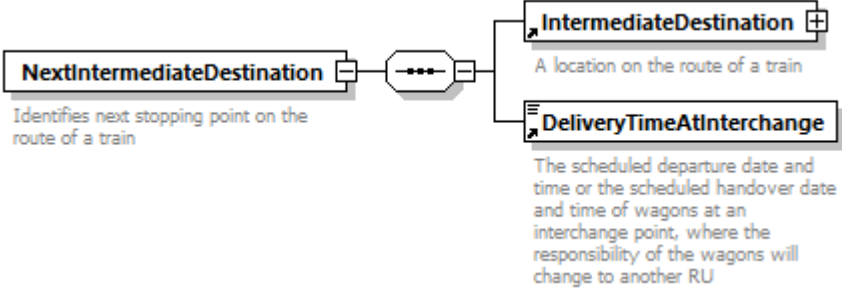
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Name Value
used by	elements AffectedSection PathDetailsMessage PathRequestMessage PlannedJourneyLocation
annotation	documentation The usage of this element must be specified in national rules and has to be defined by each IM
source	<pre> <xs:element name="NetworkSpecificParameter"> <xs:annotation> <xs:documentation>The usage of this element must be specified in national rules and has to be defined by each IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element name="Value" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre></xs:complexType> </xs:element></pre>
--	--

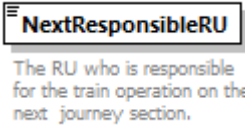
element **NetworkSpecificParameter/Value**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements Height Length Width									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<pre><xs:element name="Value" type="FreeText"/></pre>									

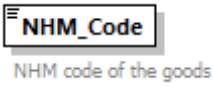
element **NextIntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Identifies next stopping point on the route of a train
source	<pre><xs:element name="NextIntermediateDestination"> <xs:annotation> <xs:documentation>Identifies next stopping point on the route of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IntermediateDestination"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **NextResponsibleRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	element WIMO Dataset/ConsignmentLevelData												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The RU who is responsible for the train operation on the next journey section.												
source	<pre><xs:element name="NextResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU who is responsible for the train operation on the next journey section.</xs:documentation> </xs:annotation> </xs:element></pre>												

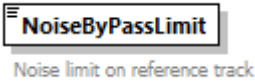
element **NHM_Code**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	NHMCodeType									
properties	content simple									
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM code of the goods									
source	<pre><xs:element name="NHM_Code" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code of the goods</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Noise**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise level at stand still in decibels									
source	<pre><xs:element name="Noise"> <xs:annotation> <xs:documentation>Noise level at stand still in decibels</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NoiseByPassLimit**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise limit on reference track									
source	<pre><xs:element name="NoiseByPassLimit"> <xs:annotation> <xs:documentation>Noise limit on reference track</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Notes**

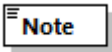
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NoteLocationIdent Note
used by	element TrainRunningData
annotation	documentation Remarks to be transmitted to IM
source	<pre> <xs:element name="Notes"> <xs:annotation> <xs:documentation>Remarks to be transmitted to IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Note" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Notes/NoteLocationIdent**

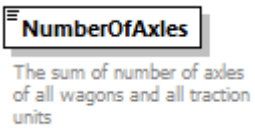
diagram	
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Identification of location for which is note valid
source	<pre><xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element></pre>

element **Notes/Note**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<pre><xs:element name="Note" type="FreeText"/></pre>									

element **NumberOfAxles**

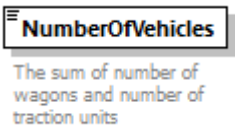
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0000</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0000		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0000									
maxInclusive	9999									
annotation	documentation The sum of number of axles of all wagons and all traction units									
source	<pre><xs:element name="NumberOfAxles"> <xs:annotation> <xs:documentation>The sum of number of axles of all wagons and all traction units</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **NumberOfBogies**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9									
source	<pre> <xs:element name="NumberOfBogies"> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **NumberOfVehicles**

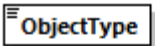
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0000</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0000		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0000									
maxInclusive	9999									
annotation	documentation The sum of number of wagons and number of traction units									
source	<pre> <xs:element name="NumberOfVehicles"> <xs:annotation> <xs:documentation>The sum of number of wagons and number of traction units</xs:documentation> </pre>									

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="0000"/>
    <xs:maxInclusive value="9999"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

element **ObjectType**

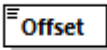
diagram	 <p>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)</p>																														
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																														
type	restriction of xs:string																														
properties	content simple																														
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType																														
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9A-Z]{2}</td> <td></td> </tr> <tr> <td>enumeration</td> <td>TR</td> <td>documentation Train (TR)</td> </tr> <tr> <td>enumeration</td> <td>RO</td> <td>documentation Route (RO)</td> </tr> <tr> <td>enumeration</td> <td>PA</td> <td>documentation Path (PA)</td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td>documentation Case Reference (CR)</td> </tr> <tr> <td>enumeration</td> <td>PR</td> <td>documentation Path Request (PR)</td> </tr> <tr> <td>enumeration</td> <td>CN</td> <td>documentation Capacity Needs Announcements (CN)</td> </tr> <tr> <td>enumeration</td> <td>CM</td> <td>documentation Capacity Model (CM)</td> </tr> <tr> <td>enumeration</td> <td>CP</td> <td>documentation Catalogue Path (CP)</td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9A-Z]{2}		enumeration	TR	documentation Train (TR)	enumeration	RO	documentation Route (RO)	enumeration	PA	documentation Path (PA)	enumeration	CR	documentation Case Reference (CR)	enumeration	PR	documentation Path Request (PR)	enumeration	CN	documentation Capacity Needs Announcements (CN)	enumeration	CM	documentation Capacity Model (CM)	enumeration	CP	documentation Catalogue Path (CP)
Kind	Value	Annotation																													
pattern	[0-9A-Z]{2}																														
enumeration	TR	documentation Train (TR)																													
enumeration	RO	documentation Route (RO)																													
enumeration	PA	documentation Path (PA)																													
enumeration	CR	documentation Case Reference (CR)																													
enumeration	PR	documentation Path Request (PR)																													
enumeration	CN	documentation Capacity Needs Announcements (CN)																													
enumeration	CM	documentation Capacity Model (CM)																													
enumeration	CP	documentation Catalogue Path (CP)																													
annotation	documentation Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)																														
source	<pre> <xs:element name="ObjectType"> <xs:annotation> <xs:documentation>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="[0-9A-Z]{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																														

```

<xs:enumeration value="TR">
  <xs:annotation>
    <xs:documentation>Train (TR)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="RO">
  <xs:annotation>
    <xs:documentation>Route (RO)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="PA">
  <xs:annotation>
    <xs:documentation>Path (PA)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CR">
  <xs:annotation>
    <xs:documentation>Case Reference (CR)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="PR">
  <xs:annotation>
    <xs:documentation>Path Request (PR)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CN">
  <xs:annotation>
    <xs:documentation>Capacity Needs Announcements
(CN)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CM">
  <xs:annotation>
    <xs:documentation>Capacity Model (CM)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CP">
  <xs:annotation>
    <xs:documentation>Catalogue Path (CP)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>


```

element **Offset**

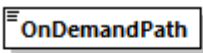
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing

source	<code><xs:element name="Offset" type="xs:integer"/></code>
--------	--

element **OffsetToReference**

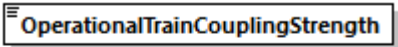
diagram	 <p>The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element PlannedCalendar
annotation	<p>documentation</p> <p>The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></p>
source	<pre><xs:element name="OffsetToReference" type="xs:integer"> <xs:annotation> <xs:documentation> The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></xs:documentation> </xs:annotation> </xs:element></pre>

element **OnDemandPath**

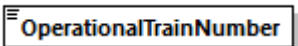
diagram	 <p>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple

used by	element PlannedJourneyLocation
annotation	documentation For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)
source	<pre><xs:element name="OnDemandPath" type="xs:boolean"> <xs:annotation> <xs:documentation>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</xs:documentation> </xs:annotation> </xs:element></pre>

element **OperationalTrainCouplingStrength**

diagram	 <p>OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating									
source	<pre><xs:element name="OperationalTrainCouplingStrength"> <xs:annotation> <xs:documentation>OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **OperationalTrainNumber**


diagram	 <p>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	String1-8									
properties	content simple									
used by	elements OperationalTrainNumberIdentifier WagonStatusMessage/Train/OperationalTrainNumberIdentifier PlannedJourneyLocation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.									
source	<pre><xs:element name="OperationalTrainNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre>									

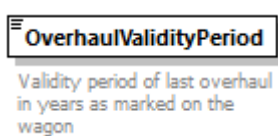
element **OperationalTrainNumberIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements AffectedLocation AffectedSection ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre><xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **OriginCountry**

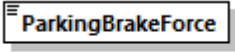
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of CountryIdentISO												
properties	content simple												
used by	elements ILU Details ITU Details Wagons/WagonDetails												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[A-Z][A-Z]	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[A-Z][A-Z]												
annotation	documentation Code of origin country of the UTI. documentation CODE: ISO-3166-2												
source	<pre><xs:element name="OriginCountry"> <xs:annotation> <xs:documentation>Code of origin country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CountryIdentISO"> <xs:pattern value="[A-Z][A-Z]"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **OverhaulValidityPeriod**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxExclusive</td> <td>20</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxExclusive	20	
Kind	Value	Annotation								
minInclusive	1									
maxExclusive	20									
annotation	documentation Validity period of last overhaul in years as marked on the wagon									
source	<pre><xs:element name="OverhaulValidityPeriod"> <xs:annotation> <xs:documentation>Validity period of last overhaul in years as marked on the wagon</xs:documentation> </xs:annotation></pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxExclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ParkingBrakeForce**

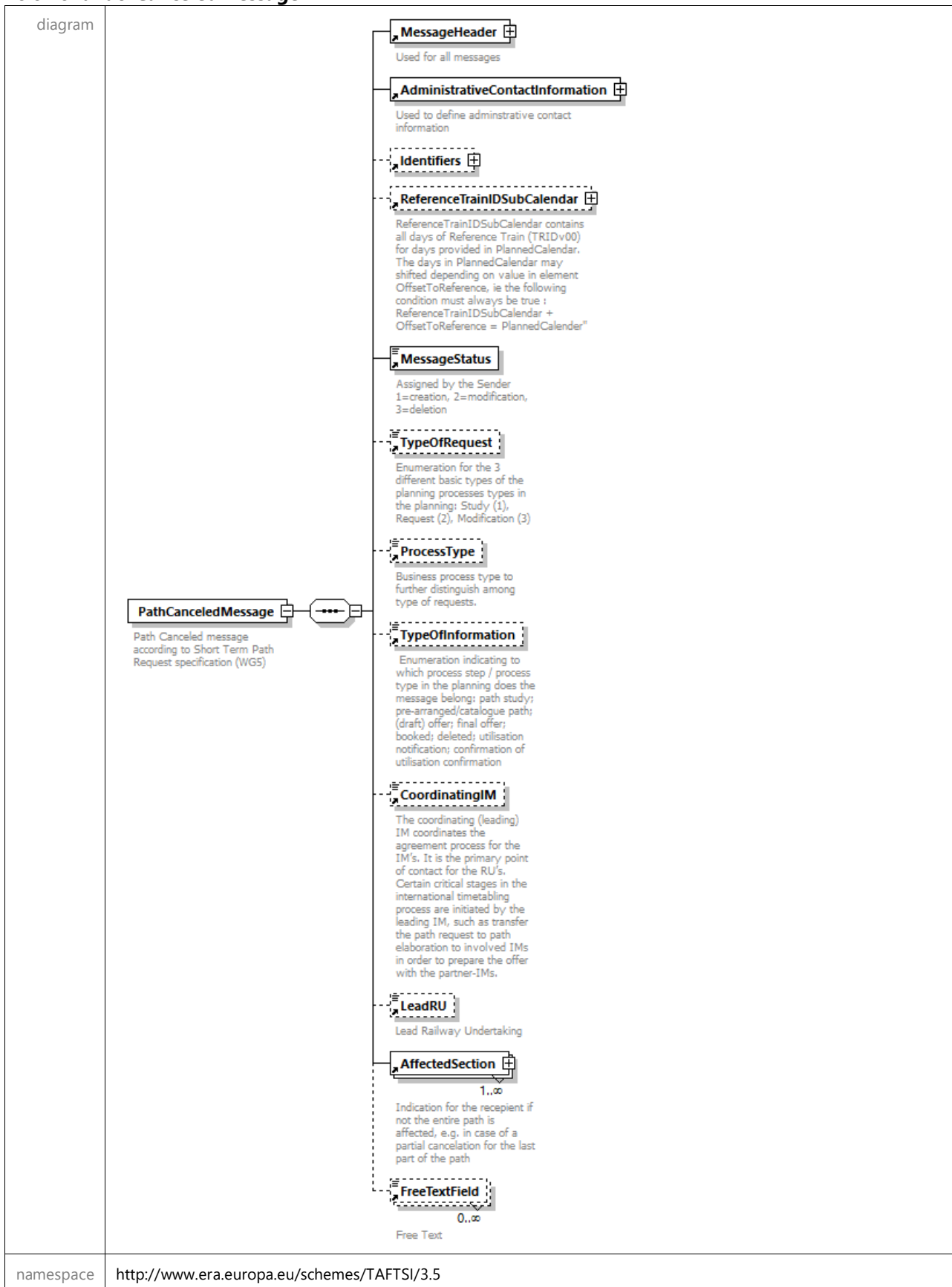
diagram	 <p>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	elements HandBrake WagonTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	<p>documentation</p> <p>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</p>									
source	<pre> <xs:element name="ParkingBrakeForce"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **PassengerFlag**

diagram	 <p>Identifies that the Entity or Location is for Passenger Activity</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean

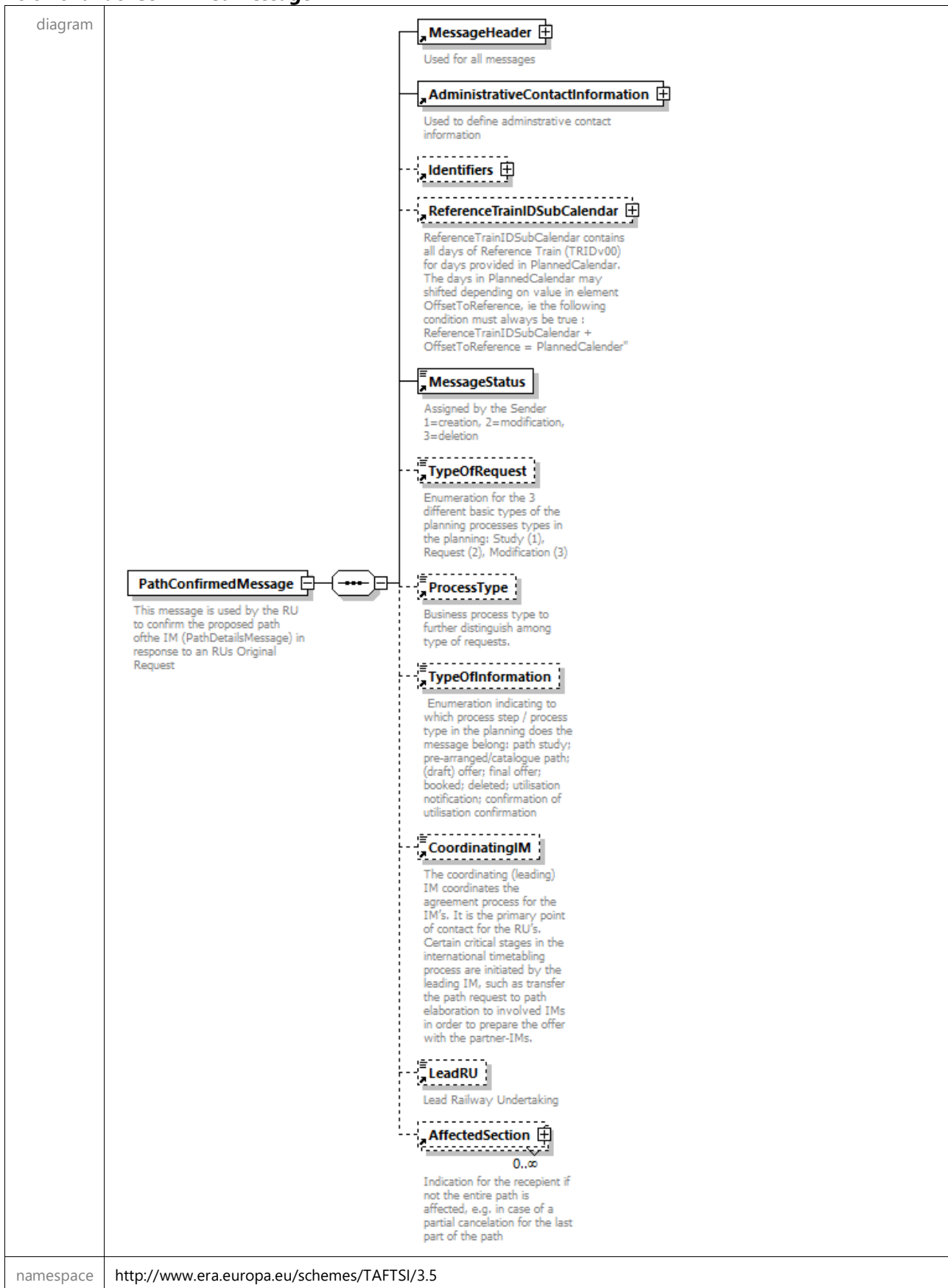
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<pre><xs:element name="PassengerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Passenger Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **PathCanceledMessage**



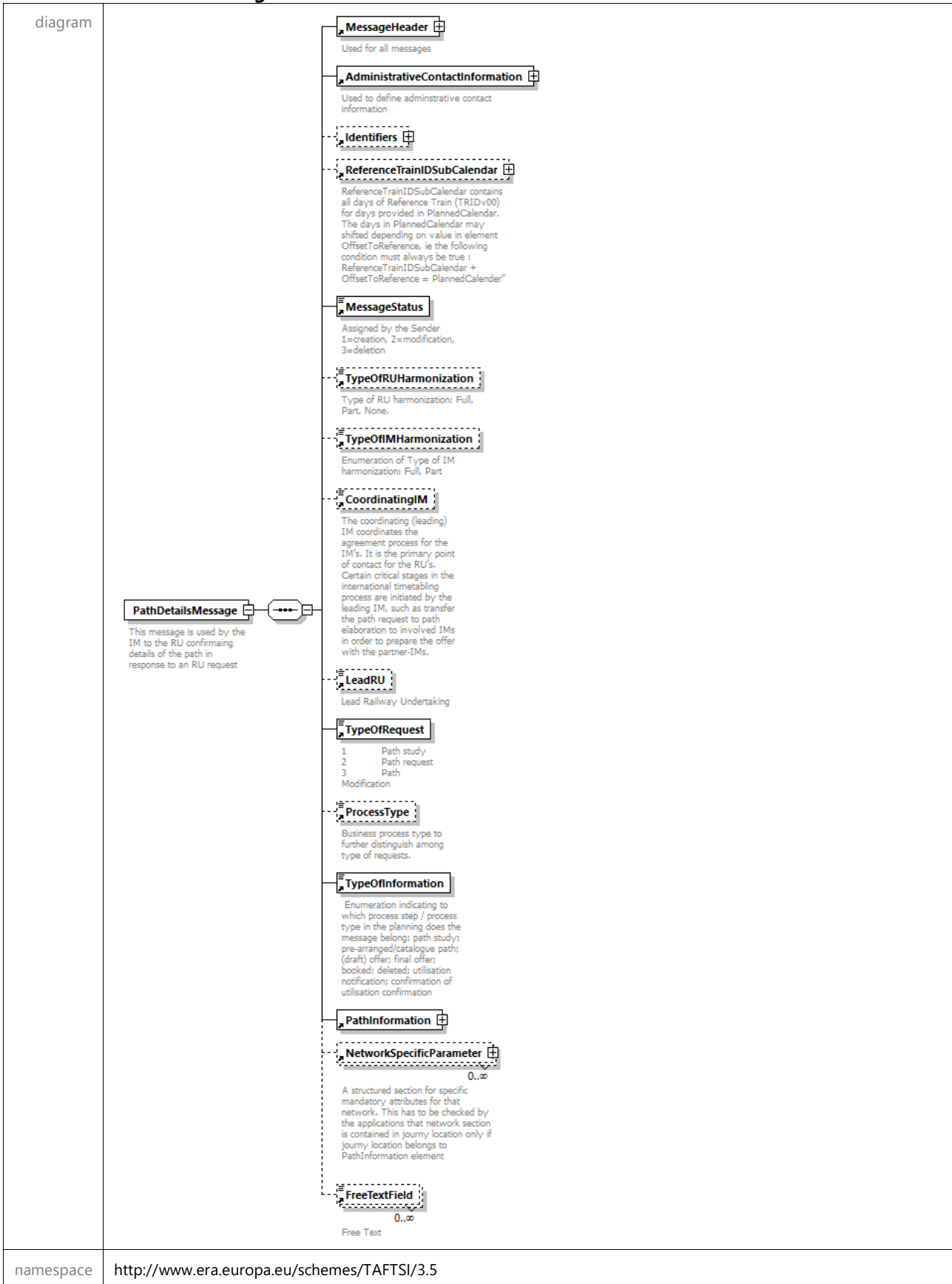
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1:ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection FreeTextField
annotation	documentation Path Canceled message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathCanceledMessage"> <xs:annotation> <xs:documentation>Path Canceled message according to Short Term Path Request specification (WG5)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathConfirmedMessage**



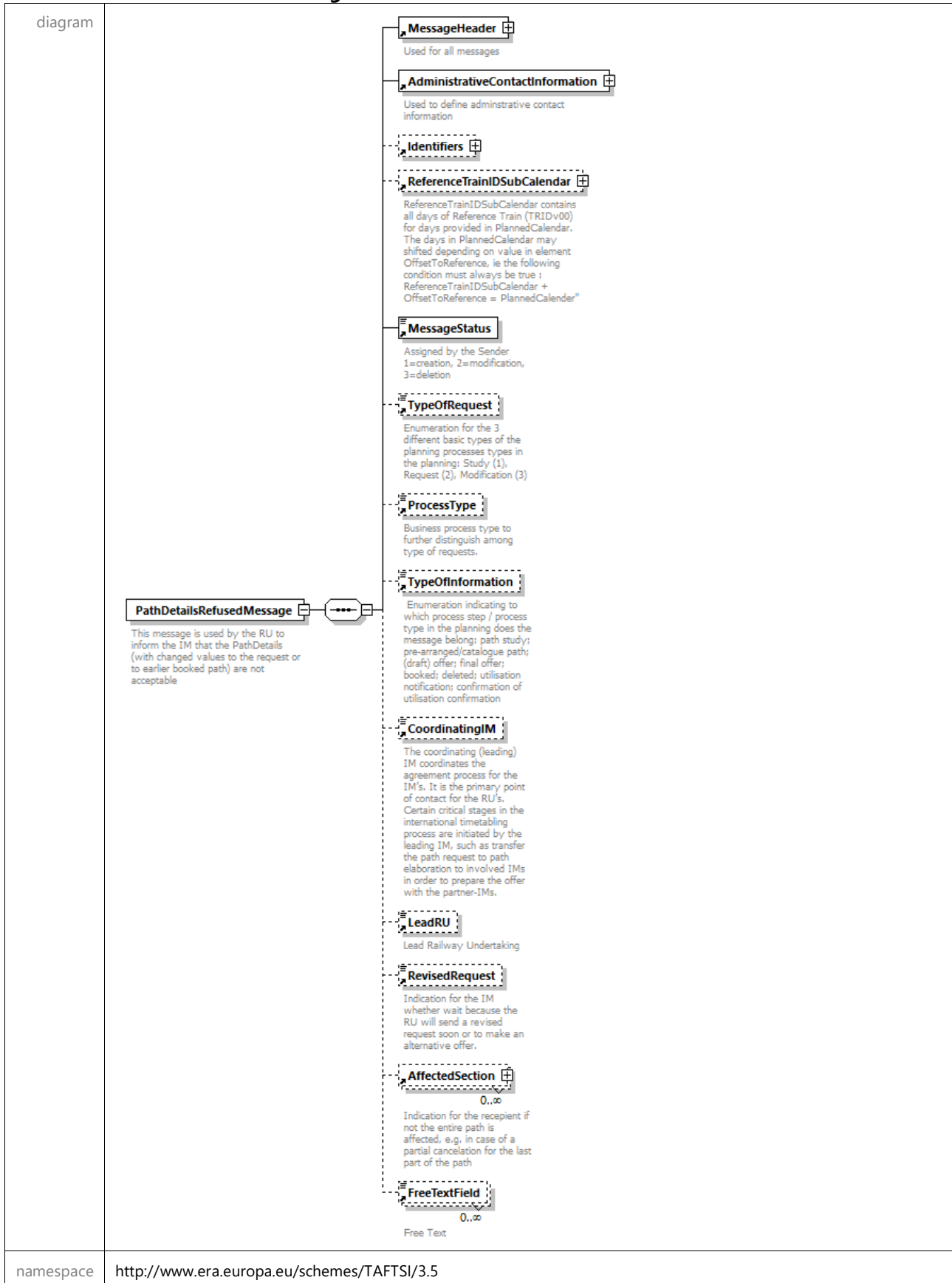
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1:ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	documentation This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request
source	<pre> <xs:element name="PathConfirmedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathDetailsMessage**



properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ns1:ProcessType TypeOfInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message is used by the IM to the RU confirmaing details of the path in response to an RU request
source	<pre> <xs:element name="PathDetailsMessage"> <xs:annotation> <xs:documentation>This message is used by the IM to the RU confirmaing details of the path in response to an RU request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="PathInformation"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathDetailsRefusedMessage**



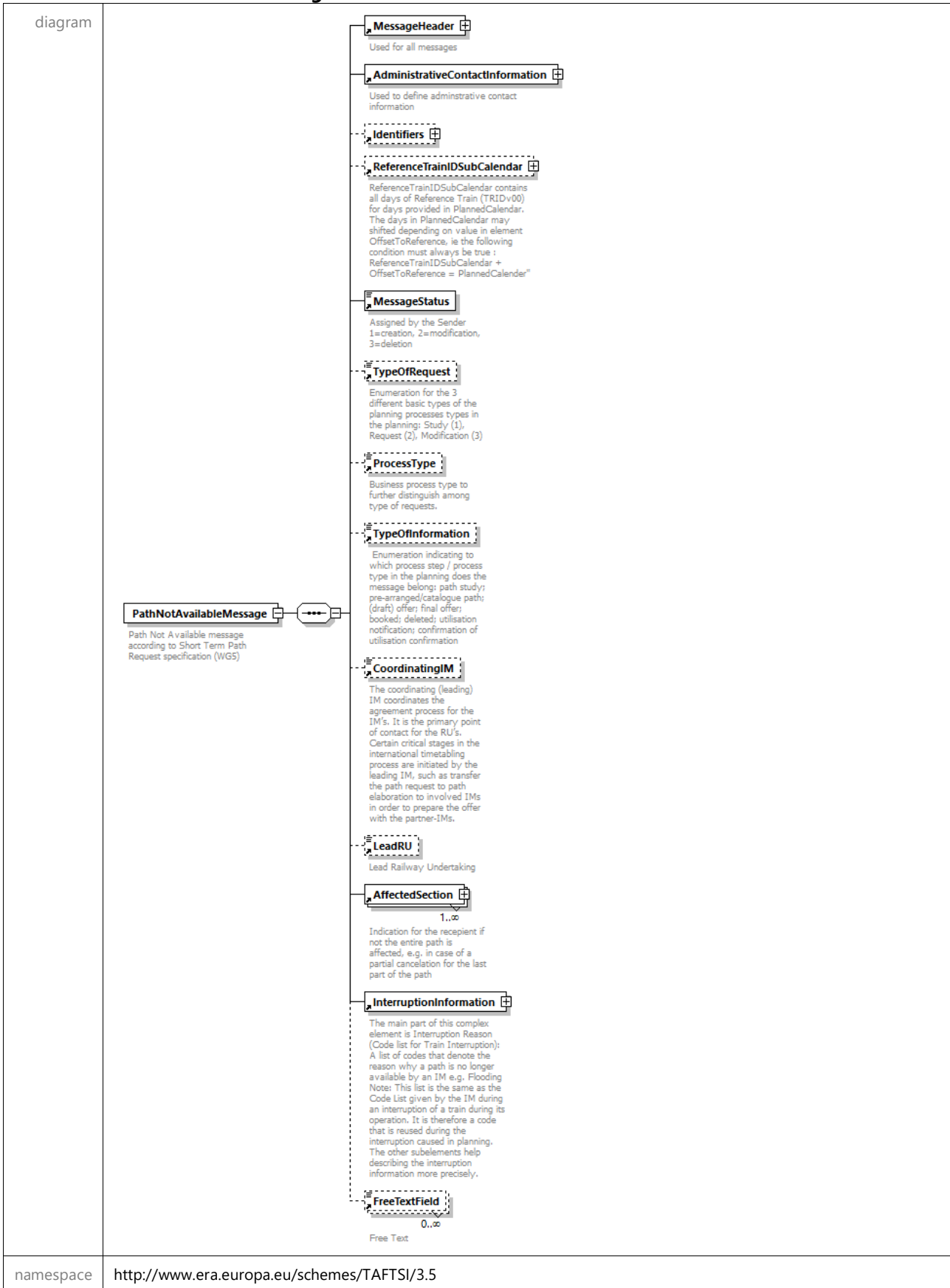
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1:ProcessType TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField
annotation	documentation This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable
source	<pre> <xs:element name="PathDetailsRefusedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="RevisedRequest" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathInformation**

diagram	<p>PlannedJourneyLocation 2..∞ Any operation point along the train journey or path</p> <p>PlannedCalendar This is the calendar item for path request/path details messages - used in planning phase</p> <p>RequestedCalendar subset of the requested calendar</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PlannedJourneyLocation PlannedCalendar RequestedCalendar

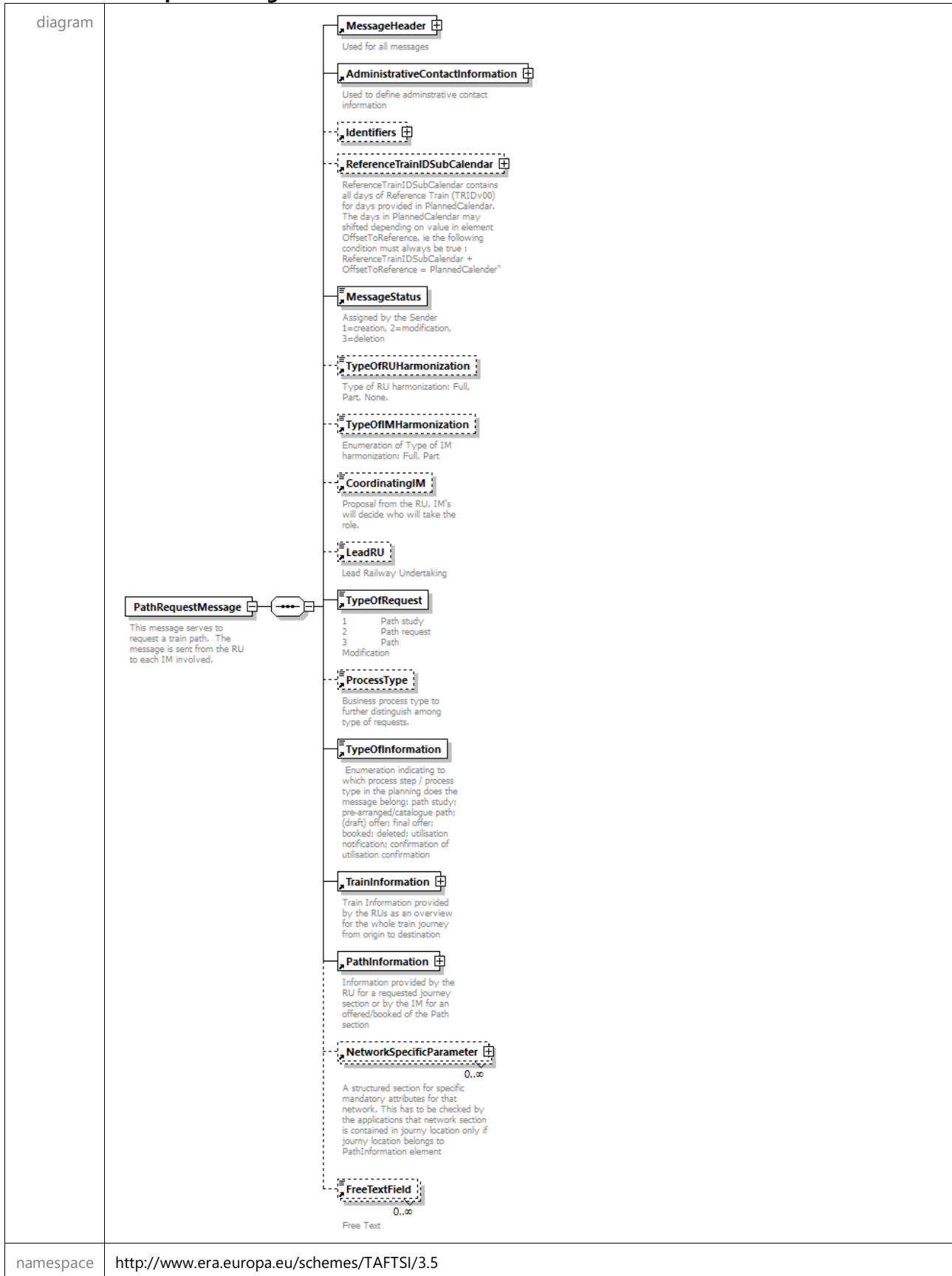
used by	elements PathDetailsMessage PathRequestMessage
source	<pre><xs:element name="PathInformation"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="RequestedCalendar" minOccurs="0"> <xs:annotation> <xs:documentation>subset of the requested calendar</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PathNotAvailableMessage**



properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1:ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection InterruptionInformation FreeTextField
annotation	documentation Path Not Available message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathNotAvailableMessage"> <xs:annotation> <xs:documentation>Path Not Available message according to Short Term Path Request specification (WG5) </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="InterruptionInformation"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **PathRequestMessage**



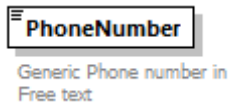
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ns1:ProcessType TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message serves to request a train path. The message is sent from the RU to each IM involved.
source	<pre> <xs:element name="PathRequestMessage"> <xs:annotation> <xs:documentation>This message serves to request a train path. The message is sent from the RU to each IM involved.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"> <xs:annotation> <xs:documentation>Proposal from the RU, IM's will decide who will take the role.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="TrainInformation"> <xs:annotation> <xs:documentation>Train Information provided by the RUs as an overview for the whole train journey from origin to destination</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PathInformation"> <xs:annotation> <xs:documentation>Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory </pre>

	<p>attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **PermittedTolerance**

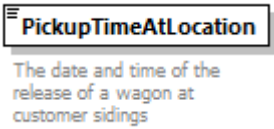
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Permitted tolerance after date of overhaul (in months)									
source	<pre> <xs:element name="PermittedTolerance"> <xs:annotation> <xs:documentation>Permitted tolerance after date of overhaul (in months)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **PhoneNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CommunicationRefID
properties	content simple
used by	element AdministrativeContactInformation

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic Phone number in Free text									
source	<pre><xs:element name="PhoneNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Phone number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>									

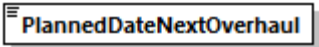
element **PickupTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<pre><xs:element name="PickupTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The date and time of the release of a wagon at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

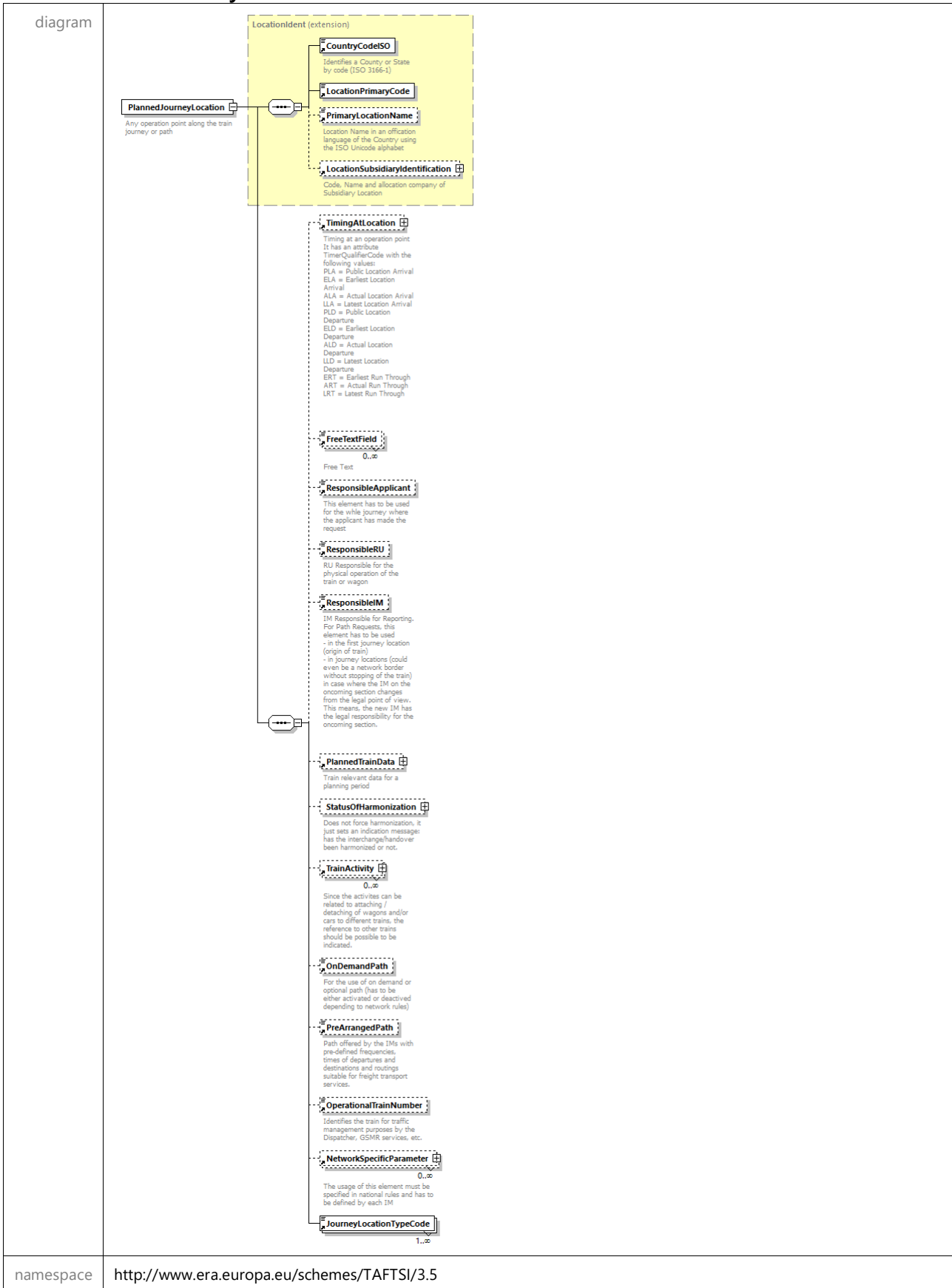
element **PlannedCalendar**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>BitmapDays ValidityPeriod OffsetToReference</p>
<p>used by</p>	<p>elements AffectedSection PathInformation TrainInformation</p>
<p>annotation</p>	<p>documentation This is the calendar item for path request/path details messages - used in planning phase</p>
<p>source</p>	<pre><xs:element name="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the calendar item for path request/path details messages - used in planning phase</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="OffsetToReference" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PlannedDateNextOverhaul**

diagram	 <p>Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.
source	<pre><xs:element name="PlannedDateNextOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper. </xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedJourneyLocation**



type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter ns1: JourneyLocationTypeCode
used by	elements PathInformation TrainInformation
annotation	documentation Any operation point along the train journey or path
source	<pre> <xs:element name="PlannedJourneyLocation"> <xs:annotation> <xs:documentation>Any operation point along the train journey or path</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="1"> <xs:element ref="TimingAtLocation" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="ResponsibleApplicant" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="ResponsibleIM" minOccurs="0"/> <xs:element ref="PlannedTrainData" minOccurs="0"/> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TrainActivity" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OnDemandPath" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

```

<xs:element ref="PreArrangedPath" minOccurs="0"/>
<xs:element ref="OperationalTrainNumber" minOccurs="0"/>
<xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element ref="JourneyLocationTypeCode" minOccurs="1"
maxOccurs="unbounded"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

element **PlannedJourneyLocation/StatusOfHarmonization**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	HandoverHarmonized InterchangeHarmonized
annotation	documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.
source	<pre> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


```


</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

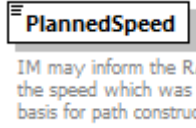
diagram	 <p>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.
source	<pre> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **PlannedJourneyLocation/StatusOfHarmonization/InterchangeHarmonized**

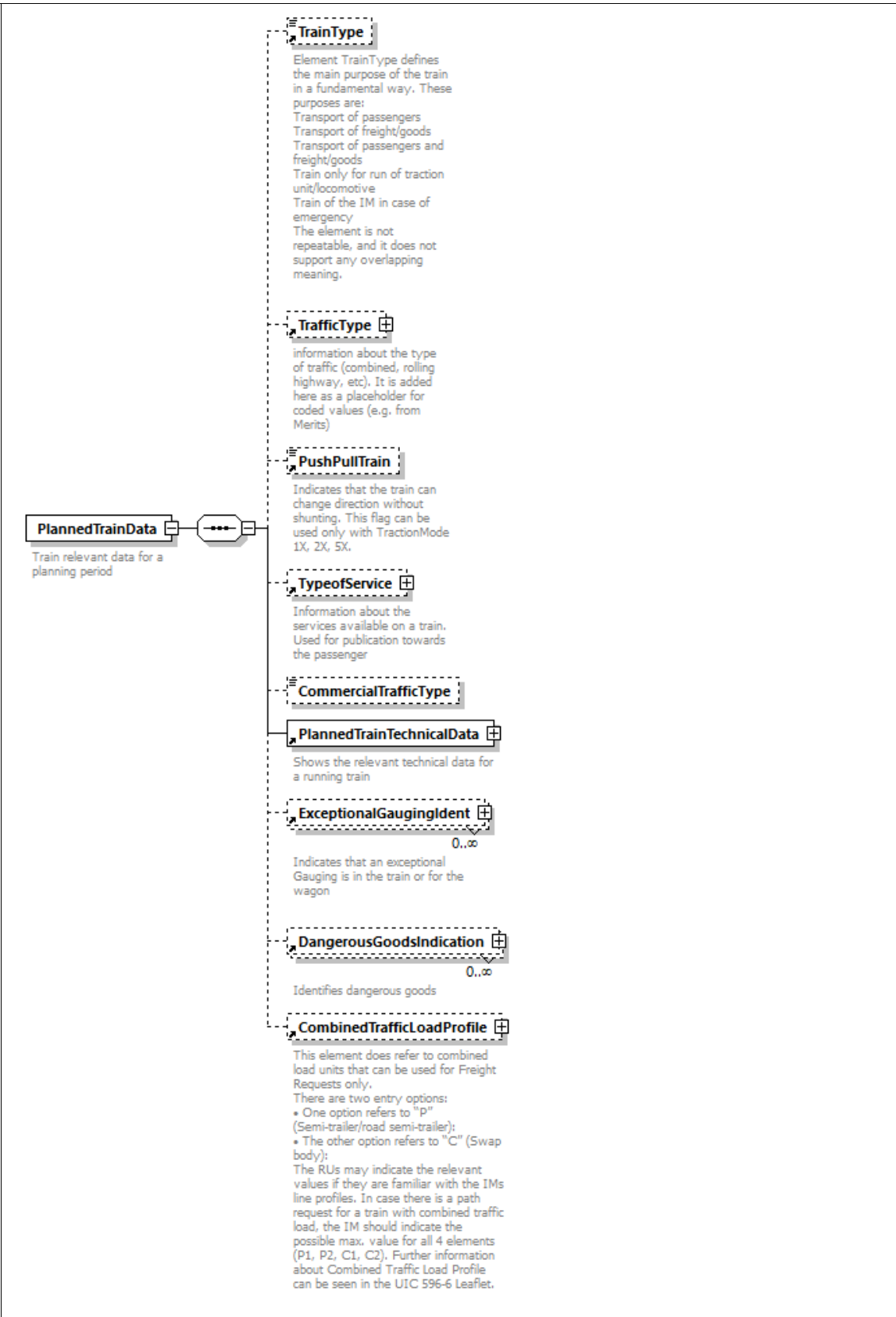
diagram	 <p>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
source	<pre> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </pre>

	<code></xs:element></code>
--	----------------------------------

element **PlannedSpeed**

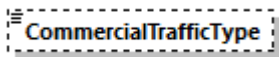
diagram	 <p>IM may inform the RA on the speed which was the basis for path construction</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Speed									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation IM may inform the RA on the speed which was the basis for path construction									
source	<pre><xs:element name="PlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element></pre>									

element **PlannedTrainData**

<p>diagram</p> 	<p>TrainType</p> <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.</p> <p>TrafficType</p> <p>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</p> <p>PushPullTrain</p> <p>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</p> <p>TypeofService</p> <p>Information about the services available on a train. Used for publication towards the passenger</p> <p>CommercialTrafficType</p> <p>PlannedTrainTechnicalData</p> <p>Shows the relevant technical data for a running train</p> <p>ExceptionalGaugingIdent 0..∞</p> <p>Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>DangerousGoodsIndication 0..∞</p> <p>Identifies dangerous goods</p> <p>CombinedTrafficLoadProfile</p> <p>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>

properties	content complex
children	ns1:TrainType TrafficType PushPullTrain TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication ns1:CombinedTrafficLoadProfile
used by	element PlannedJourneyLocation
annotation	documentation Train relevant data for a planning period
source	<pre> <xs:element name="PlannedTrainData"> <xs:annotation> <xs:documentation>Train relevant data for a planning period</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> <xs:element ref="TrafficType" minOccurs="0"/> <xs:element ref="PushPullTrain" minOccurs="0"/> <xs:element ref="TypeofService" minOccurs="0"/> <xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/> <xs:element ref="PlannedTrainTechnicalData"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTrainData/CommercialTrafficType**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	type7009BrandNameCodeList												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>17</td> <td></td> </tr> <tr> <td>enumeration</td> <td>46</td> <td>documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0</td> </tr> <tr> <td>enumeration</td> <td>47</td> <td>documentation TAC documentation TAC</td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	17		enumeration	46	documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0	enumeration	47	documentation TAC documentation TAC
Kind	Value	Annotation											
maxLength	17												
enumeration	46	documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0											
enumeration	47	documentation TAC documentation TAC											

		documentation Car sleeper train, motor rail (CST) documentation 14 documentation 0
enumeration	48	documentation SAE documentation SAE documentation Unaccompanied car service, motor rail documentation 14 documentation 0
enumeration	49	documentation EIC documentation EkspresIC documentation Fast and Comfortable Interregional trains documentation 10 documentation 0
enumeration	50	documentation EC documentation EuroCity documentation EuroCity documentation 9 documentation 0
enumeration	51	documentation ICE documentation ICE documentation ICE documentation 8 documentation 0
enumeration	52	documentation AVE documentation AVE documentation AVE documentation 8 documentation 0
enumeration	53	documentation EIL documentation EUROSTAR documentation Eurostar documentation

		8 documentation
enumeration	54	0 documentation documentation documentation Talgo documentation 9 documentation 0
enumeration	55	documentation OTU documentation Oresundstog documentation Oresundstog documentation 10 documentation 0
enumeration	56	documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8 documentation 0
enumeration	58	documentation TRN documentation Intercités documentation Intercités documentation 9 documentation 0
enumeration	59	documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0
enumeration	60	documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0

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			documentation
			documentation
			Suburban service
			documentation
			12
			documentation
			0
	enumeration	63	documentation
			IC
			documentation
			Intercity
			documentation
			Intercity
			documentation
			9
			documentation
			0
	enumeration	64	documentation
			documentation
			documentation
			Hotel Train
			documentation
			13
			documentation
			0
	enumeration	65	documentation
			documentation
			Ferry
			documentation
			hydrofoil
			documentation
			33
			documentation
			0
	enumeration	66	documentation
			IC
			documentation
			Intercity
			documentation
			Inter City Lyn
			documentation
			9
			documentation
			0
	enumeration	67	documentation
			documentation
			documentation
			TRN
			documentation
			10
			documentation
			0
	enumeration	68	documentation

		documentation
		documentation
		International
		documentation
		9
		documentation
		0
enumeration	69	documentation
		documentation
		documentation
		Express
		documentation
		10
		0
enumeration	70	documentation
		EN
		documentation
		EuroNight
		documentation
		Euro Night
		documentation
		13
		0
enumeration	71	documentation
		HST
		documentation
		High-speed train
		documentation
		High-speed train
		documentation
		8
		0
enumeration	72	documentation
		TRN
		documentation
		TRAIN
		documentation
		Train SNCF
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		9
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enumeration	73	documentation
		TGV
		documentation
		TGV
		documentation
		TGV Sud-Est
		documentation
		8
		0
enumeration	74	documentation
		TGV
		documentation

		TGV documentation
		TGV Atlantique documentation
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		0 documentation
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		TGV documentation
		TGV Nord documentation
		8 documentation
		0 documentation
enumeration	76	TGV documentation
		TGV documentation
		TGV Lyria documentation
		8 documentation
		0 documentation
enumeration	77	TGV documentation
		TGV documentation
		TGV Duplex documentation
		8 documentation
		0 documentation
enumeration	79	TGV documentation
		TGV documentation
		TGV Est documentation
		8 documentation
		0 documentation
enumeration	80	TGV documentation
		TGV documentation
		TGV Interconnexion documentation
		8 documentation
		0 documentation
enumeration	82	documentation
		documentation
		THALYS documentation
		Thalys

		documentation 8
		documentation
	enumeration 83	0 documentation
		documentation
		Ferry
		documentation
		hovercraft
		documentation
		33
		documentation
	enumeration 84	0 documentation
		RE
		documentation
		regional train
		documentation
		Regional
		documentation
		11
		documentation
	enumeration 85	0 documentation
		WTE
		documentation
		Wilhelm Tell Express
		documentation
		Wilhelm Tell Express
		documentation
		10
		documentation
	enumeration 87	0 documentation
		documentation
		PENDOLINO
		documentation
		Pendolino
		documentation
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		documentation
	enumeration 88	0 documentation
		Suburban
		documentation
		8
		documentation
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		ALV
		documentation
		Alvia
		documentation
		Alvia
		documentation
		8
		documentation
	enumeration 90	0 documentation
		AVN
		documentation

		Avant documentation
		Avant documentation
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		0 documentation
enumeration	91	TER documentation
		TRAIN documentation
		Regional TER documentation
		11 documentation
		0 documentation
enumeration	92	REG documentation
		NSB Regiontog documentation
		NSB Regiontog documentation
		37 documentation
		0 documentation
enumeration	93	FB documentation
		FRECCIABIANCA documentation
		FRECCIABIANCA documentation
		8 documentation
		0 documentation
enumeration	94	SC documentation
		SuperCity documentation
		Supercity documentation
		9 documentation
		0 documentation
enumeration	95	CNL documentation
		City Night Line (D) documentation
		DB Nachtzug documentation
		13 documentation
		0 documentation
enumeration	96	INI documentation
		InterCityNotte Italia documentation
		InterCityNotte

		documentation 13
		documentation
enumeration	97	0 documentation GB documentation ATOOC MEMBER OPERATED SERVICE documentation ATOOC MEMBER OPERATED SERVICE documentation 37
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		documentation 0
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		documentation
		documentation Funicular documentation 15
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		documentation Airport train documentation 12
enumeration	101	documentation 0 documentation Night train documentation 13
		documentation 0
enumeration	102	documentation
		documentation
		documentation Touristic train documentation 9
		documentation 0
enumeration	107	documentation

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			documentation
			Historical train, steam engine train
			documentation
			16
			documentation
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enumeration	108		documentation
			IRE
			documentation
			IRE
			documentation
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			documentation
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			documentation
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			documentation
			Regional-Express
			documentation
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			documentation
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			RT
			documentation
			RT
			documentation
			RegioTram
			documentation
			11
			documentation
			0
enumeration	112		documentation
			documentation
			documentation
			Shinkansen
			documentation
			8
			documentation
			0
enumeration	113		documentation
			THT
			documentation

		TrainHotel Talgo documentation
		Train hotel talgo documentation
		13 documentation
		0 documentation
enumeration	114	EUR documentation
		Euromed documentation
		Euromed documentation
		9 documentation
		0 documentation
enumeration	115	ALR documentation
		Alaris documentation
		Alaris documentation
		9 documentation
		0 documentation
enumeration	116	ALT documentation
		Altaris documentation
		Altaris documentation
		9 documentation
		0 documentation
enumeration	117	ARC documentation
		Arco documentation
		intercity documentation
		9 documentation
		2 documentation
enumeration	119	documentation
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		documentation
		S-Bahn documentation
		12 documentation
		0 documentation
enumeration	121	Night Train documentation
		Night Train documentation
		13 documentation

		documentation
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	enumeration 123	documentation IRN documentation Interregional Night Train documentation Interregional Night Train documentation 13 documentation 2
	enumeration 124	documentation NLT documentation TOLSTOI documentation Tolstoi documentation 13 documentation 0
	enumeration 126	documentation documentation documentation ARZ documentation 14 documentation 0
	enumeration 128	documentation AVE documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0
	enumeration 129	documentation TGV documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0
	enumeration 130	documentation

			BUS documentation
			IC Bus documentation
			Bus documentation
			32 documentation
			0 documentation
	enumeration	131	BUS documentation
			IC Bus international documentation
			Bus documentation
			32 documentation
			0 documentation
	enumeration	153	documentation
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			special train documentation
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			documentation
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			0 documentation
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			documentation
			Fast train documentation
			9 documentation
			0 documentation
	enumeration	158	documentation

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enumeration	159	documentation Bus documentation IC Ersatzbus documentation 32 documentation 0 documentation
enumeration	160	documentation Bus documentation IP Ersatzbus documentation 32 documentation 0 documentation
enumeration	162	documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation
enumeration	163	documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0 documentation TGV documentation TGV INOUI documentation TGV Duplex France Allemagne documentation 8 documentation 2 documentation YHT documentation YHT
enumeration	166	documentation TGV documentation TGV INOUI documentation TGV Duplex France Allemagne documentation 8 documentation 2 documentation YHT documentation YHT
enumeration	170	documentation YHT documentation YHT

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enumeration	172		documentation AP documentation Albula Panoramawagen documentation Albula Panoramawagen documentation 10 documentation 0
enumeration	173		documentation BEX documentation Bernina Express documentation Bernina Express (Panorama Train) documentation 10 documentation 0
enumeration	174		documentation GEX documentation Glacier Express documentation Glacier Express (Panorama Train) documentation 10 documentation 0
enumeration	175		documentation GP documentation Golden Pass documentation Golden Pass (Panorama Train) documentation
enumeration	176		documentation GP documentation Golden Pass documentation Golden Pass (Panorama Train) documentation

		10 documentation
enumeration	177	0 documentation BNI documentation Bernina Panorama documentation Bernina Panorama documentation
enumeration	178	11 documentation 0 documentation zb documentation zb Zentralbahn AG documentation Luzern-Interlaken Express (Panorama Train) documentation
enumeration	179	10 documentation 0 documentation BxB documentation Bernina Express Bus documentation Bernina Express (Panorama Bus) documentation
enumeration	200	32 documentation 0 documentation GGB documentation Gornergrat Bahn documentation Mountain train documentation
enumeration	202	10 documentation 0 documentation ICE documentation ICE-Allemagne France documentation ICE Allemagne-France documentation
enumeration	203	8 documentation 0 documentation documentation ÖBB-NIGHTLINE documentation ÖBB Night Line documentation
		13 documentation 0

	enumeration	205	documentation ICP documentation Intercity Plus documentation Intercity Plus documentation 9 documentation 0
	enumeration	206	documentation RID documentation Riviera Day documentation Riviera day documentation 9 documentation 0
	enumeration	207	documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0
	enumeration	209	documentation RJ documentation RAILJET documentation Rail Jet documentation 9 documentation 0
	enumeration	213	documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0
	enumeration	214	documentation documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0
	enumeration	215	documentation documentation

			<p>Railpromo Austria Express/Treski documentation</p> <p>Austria Express/Treski documentation</p> <p>13 documentation</p> <p>0 documentation</p>
enumeration	216		
			<p>documentation</p> <p>PRECIOS MERCADO documentation</p> <p>Precios Mercado documentation</p> <p>9 documentation</p> <p>0 documentation</p>
enumeration	219		
			<p>documentation</p> <p>TGV documentation</p> <p>TGV documentation</p> <p>TGV documentation</p> <p>8 documentation</p> <p>0 documentation</p>
enumeration	223		
			<p>documentation</p> <p>FB documentation</p> <p>FB documentation</p> <p>FernBus documentation</p> <p>32 documentation</p> <p>0 documentation</p>
enumeration	224		
			<p>documentation</p> <p>ICB documentation</p> <p>Intercitybus documentation</p> <p>ÖBB-Intercitybus documentation</p> <p>32 documentation</p> <p>0 documentation</p>
enumeration	225		
			<p>documentation</p> <p>TLK documentation</p> <p>TLK train documentation</p> <p>Yours Rail Lines documentation</p> <p>10 documentation</p> <p>0 documentation</p>
enumeration	226		
			<p>documentation</p> <p>A documentation</p> <p>RailBus documentation</p> <p>RailBus</p>

		documentation 32
		documentation
enumeration	227	0 documentation BUS documentation Replacement bus for Regional Train documentation Replacement bus for Regional Train documentation 32
		documentation 0
enumeration	228	documentation IR documentation InterREGIO train documentation InterREGIO train documentation 10
		documentation 0
enumeration	229	documentation IRB documentation Replacement bus for InterRegio train documentation Replacement bus for InterRegio train documentation 32
		documentation 0
enumeration	230	documentation MP documentation Fast International Train documentation Fast International Train documentation 10
		documentation 0
enumeration	231	documentation MR documentation musicREGIO train documentation musicREGIO train documentation 11
		documentation 0
enumeration	232	documentation Os documentation Stopping Train documentation Stopping Train documentation 11
		documentation

	enumeration	233	0 documentation P documentation Fast Train documentation Fast Train documentation 10 documentation 0
	enumeration	234	documentation R documentation REGIO train documentation REGIO train documentation 11 documentation 0
	enumeration	235	documentation RE documentation REGIOekspres train documentation REGIOekspres train documentation 10 documentation 0
	enumeration	236	documentation VR documentation viaREGIO train documentation viaREGIO train documentation 11 documentation 0
	enumeration	237	documentation TK documentation TurKol documentation TurKol documentation 11 documentation 0
	enumeration	238	documentation EIP documentation EIC Premium documentation High-speed train documentation 8 documentation 0
	enumeration	239	documentation SKM

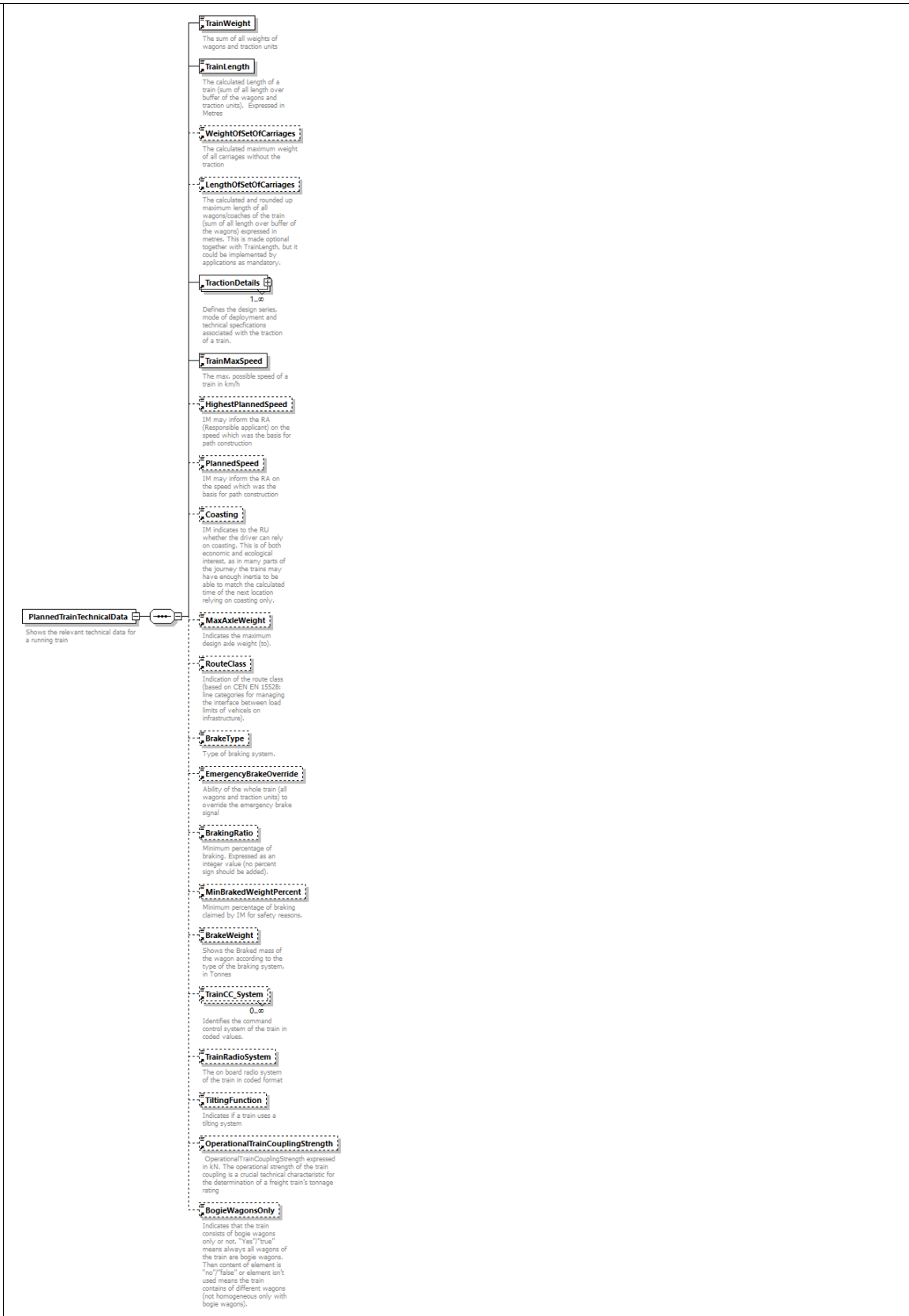
		documentation PKP SKM w Trojmiescie documentation PKP SKM w Trojmiescie documentation 12 documentation 0 documentation SA documentation SAPSAN documentation High speed train documentation 8 documentation 0
enumeration	240	documentation STR documentation STRIZH documentation Strizh night train documentation 13 documentation 0
enumeration	242	documentation STR documentation STRIZH documentation Strizh interregional documentation 8 documentation 0
enumeration	243	documentation NJ documentation NJ documentation NJ Night Jet documentation 13 documentation 0
enumeration	244	documentation CAR documentation AUTOCAR documentation French regional buses (not sold via Hermes) documentation 32 documentation 0
enumeration	245	documentation RJX documentation RJX documentation
enumeration	246	documentation RJX documentation RJX documentation

			RJX railjet xpress documentation 8 documentation 0 documentation CJX documentation CJX documentation CJX cityjet xpress documentation 10 documentation 0
enumeration	247		
enumeration	248		documentation Night train BC documentation Night train BC documentation 13 documentation 0
enumeration	249		documentation TGV documentation TGV INOUI documentation TGV INOUI documentation 8 documentation 0
enumeration	250		documentation TGV documentation TGV INOUI documentation TGV INOUI DUPLEX (double decker TGV) documentation 8 documentation 0
enumeration	251		documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation 10 documentation 0
enumeration	252		documentation TGO documentation Treno Gottardo documentation Treno Gottardo (Panorama Train) documentation 10 documentation 0

	enumeration	253	documentation VAE documentation Voralpen-Express documentation Voralpen-Express (Panorama Train) documentation 10 documentation 0
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	enumeration	255	documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation 13 documentation 0
	enumeration	256	documentation ABS documentation ANEK – SUPERFAST JOINT VENTURE documentation Domestic routes Crete documentation 33 documentation 0
	enumeration	257	documentation ASF documentation ANEK – SUPERFAST JOINT VENTURE documentation International Lines Italy-Greece and V.V. documentation 33 documentation 0
	enumeration	258	documentation BSF documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0
	enumeration	259	documentation HSW documentation

	<p>BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0</p>
source	<pre><xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/></pre>

element **PlannedTrainTechnicalData**

<p>diagram</p>  <p>The diagram shows a class PlannedTrainTechnicalData with a description: "Shows the relevant technical data for a running train". It lists numerous attributes, each with a brief description:</p> <ul style="list-style-type: none"> TrainWeight: The sum of all weights of wagons and traction units TrainLength: The calculated length of a train (sum of all length over buffer of the wagons and traction units). Expressed in metres. WeightOfSetOfCarriages: The calculated maximum weight of all carriages without the traction. LengthOfSetOfCarriages: The calculated and rounded up maximum length of all wagons/together of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory. TractionDetails: Defines the design series, mode of deployment and technical specifications associated with the traction of a train. Value range: 1..∞ TrainMaxSpeed: The max. possible speed of a train in km/h HighestPlannedSpeed: IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction PlannedSpeed: IM may inform the RA on the speed which was the basis for path construction Coasting: IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only. MaxAxleWeight: Indicates the maximum design axle weight (t) RouteClass: Indication of the route class (based on CEN EN 15528); line categories for managing the interface between load limits of vehicles on infrastructure). BrakeType: Type of braking system. EmergencyBrakeOverride: Ability of the whole train (all wagons and traction units) to override the emergency brake signal BrakingRatio: Minimum percentage of braking. Expressed as an integer value (no percent sign should be added) MinBrakedWeightPercent: Minimum percentage of braking claimed by IM for safety reasons. BrakeWeight: Shows the braked mass of the wagon according to the type of the braking system, in Tonnes. TrainCC_System: Identifies the command control system of the train in coded values. Value range: 0..∞ TrainRadioSystem: The on board radio system of the train in coded format TiltingFunction: Indicates if a train uses a tilting system OperationalTrainCouplingStrength: OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating BogieWagonsOnly: Indicates that the train consists of bogie wagons only or not. "Yes"/"True" means always all wagons of the train are bogie wagons. This context of element is "no"/"False" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons). 	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>

children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxleWeight ns1:RouteClass ns1:BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC_System ns1:TrainRadioSystem TiltingFunction OperationalTrainCouplingStrength BogieWagonsOnly
used by	element PlannedTrainData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="PlannedTrainTechnicalData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="WeightOfSetOfCarriages" minOccurs="0"/> <xs:element ref="LengthOfSetOfCarriages" minOccurs="0"/> <xs:element ref="TractionDetails" maxOccurs="unbounded"/> <xs:element ref="TrainMaxSpeed"/> <xs:element ref="HighestPlannedSpeed" minOccurs="0"/> <xs:element ref="PlannedSpeed" minOccurs="0"/> <xs:element ref="Coasting" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="RouteClass" minOccurs="0"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicels on infrastructure).</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="MinBrakedWeightPercent" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TrainRadioSystem" minOccurs="0"/> <xs:element ref="TiltingFunction" minOccurs="0"/> <xs:element ref="OperationalTrainCouplingStrength" minOccurs="0"/> <xs:element ref="BogieWagonsOnly" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTransportIdentifiers**

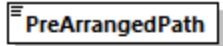
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>CompositIdentifierPlannedType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>elements ErrorMessage Identifiers</p>
<p>source</p>	<pre><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **PostalCode**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>


type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation The postal code for the postal address									
source	<pre><xs:element name="PostalCode"> <xs:annotation> <xs:documentation>The postal code for the postal address</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PreArrangedPath**


diagram	 <p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedJourneyLocation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.									
source	<pre><xs:element name="PreArrangedPath"> <xs:annotation> <xs:documentation>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:element></code>
--	----------------------------------

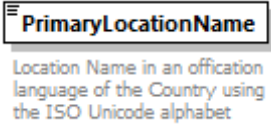
element **PreviousConsignmentNumber**

diagram	 <p>This element shows the previous Reference number assigned to a consignment by a lead RU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation This element shows the previous Reference number assigned to a consignment by a lead RU
source	<pre><xs:element name="PreviousConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>This element shows the previous Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre>

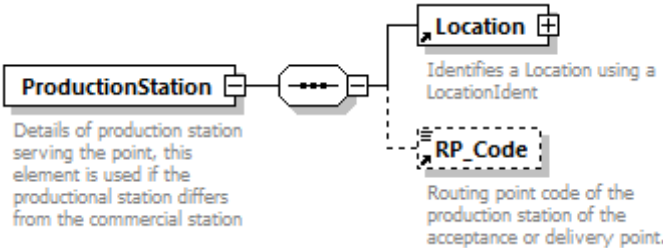
element **PreviousResponsibleRU**

diagram	 <p>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	element WIMO Dataset/ConsignmentLevelData												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point												
source	<pre><xs:element name="PreviousResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>												

element **PrimaryLocationName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	complexType LocationIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet									
source	<pre><xs:element name="PrimaryLocationName" type="FreeText"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ProductionStation**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location RP Code
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of production station serving the point, this element is used if the productional station differs from the commercial station
source	<pre><xs:element name="ProductionStation"> <xs:annotation> <xs:documentation>Details of production station serving the point, this element is used if the productional station differs from the commercial station</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element></pre>

```


<xs:element ref="RP_Code" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **PushPullTrain**

diagram	 <p>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element PlannedTrainData
annotation	documentation Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.
source	<pre> <xs:element name="PushPullTrain" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Quantity**

diagram	 <p>Amount of the loading tackles of the specified type.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Amount of the loading tackles of the specified type.									
source	<pre> <xs:element name="Quantity"> <xs:annotation> <xs:documentation>Amount of the loading tackles of the specified type.</xs:documentation> </xs:annotation> <xs:simpleType> </pre>									

```
<xs:restriction base="xs:int">  
  <xs:minInclusive value="1"/>  
  <xs:maxInclusive value="99999"/>  
</xs:restriction>  
</xs:simpleType>  
</xs:element>
```

element **ReceiptConfirmationMessage**

<p>diagram</p>	<p>ReceiptConfirmationMessage</p> <p>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4.</p> <p>The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</p> <ul style="list-style-type: none"> MessageHeader (+) <ul style="list-style-type: none"> Used for all messages Identifiers (+) ReferenceTrainIDSubCalendar (+) <ul style="list-style-type: none"> ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may be shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar" TypeOfRequest (+) <ul style="list-style-type: none"> Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) TypeOfInformation (+) <ul style="list-style-type: none"> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation AffectedSection (+) <ul style="list-style-type: none"> 0..∞ Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path AffectedLocation (+) <ul style="list-style-type: none"> Affected location Remarks (+) <ul style="list-style-type: none"> Free Form Text InternalReferenceIdentifier (+) <ul style="list-style-type: none"> The link to the IM System Reference RelatedReference (+) <ul style="list-style-type: none"> Identifies the message to which the actual message refers
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader Identifiers ReferenceTrainIDSubCalendar TypeOfRequest TypeOfInformation AffectedSection</p>

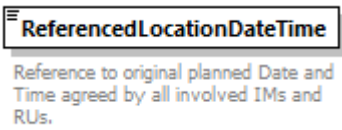
	AffectedLocation Remarks InternalReferenceIdentifier RelatedReference
annotation	documentation This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.
source	<pre> <xs:element name="ReceiptConfirmationMessage"> <xs:annotation> <xs:documentation>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of- information.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="AffectedLocation" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="RelatedReference"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element Recipient

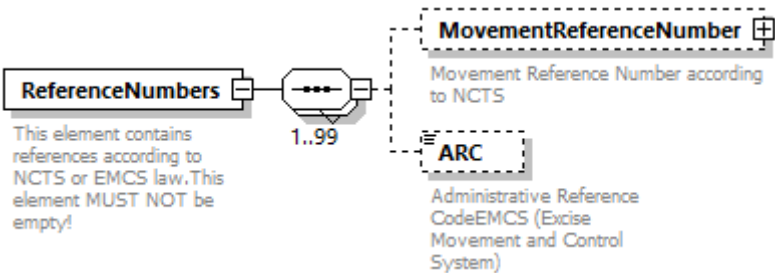
diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	extension of CompanyCode					
properties	content complex					
used by	element MessageHeader					
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation
	CI_InstanceNumber	Numeric2-2				documentation Number of a Common Interface

		Instance for the same Company
annotation	documentation Receiver of the message	
source	<pre><xs:element name="Recipient"> <xs:annotation> <xs:documentation>Receiver of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>	

element **ReferencedLocationDateTime**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5	
type	xs:dateTime	
properties	content simple	
used by	elements DelayEventReport InterruptionPoint TrainAtLocation TrainLocationReport	
annotation	documentation Reference to original planned Date and Time agreed by all involved IMs and RUs.	
source	<pre><xs:element name="ReferencedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Reference to original planned Date and Time agreed by all involved IMs and RUs. </xs:documentation> </xs:annotation> </xs:element></pre>	

element **ReferenceNumbers**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5	
properties	content complex	

children	MovementReferenceNumber ARC
used by	elements Wagons/GoodsinWagon ILU Details ITU Details
annotation	documentation This element contains references according to NCTS or EMCS law.This element MUST NOT be empty!
source	<pre> <xs:element name="ReferenceNumbers"> <xs:annotation> <xs:documentation>This element contains references according to NCTS or EMCS law.This element MUST NOT be empty!</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence maxOccurs="99"> <xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ReferenceNumbers/MovementReferenceNumber**

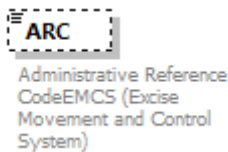
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>ns1:MRN_Type MRN_Number</p>
<p>annotation</p>	<p>documentation Movement Reference Number according to NCTS</p>
<p>source</p>	<pre><xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ReferenceNumbers/MovementReferenceNumber/MRN_Number**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>restriction of xs:string</p>
<p>properties</p>	<p>content simple</p>

facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>21</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	21	
Kind	Value	Annotation								
minLength	1									
maxLength	21									
annotation	<p>documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</p>									
source	<pre><xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ReferenceNumbers/ARC

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>21</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	21	
Kind	Value	Annotation					
length	21						
annotation	<p>documentation Administrative Reference CodeEMCS (Excise Movement and Control System)</p> <p>documentation CODE: EU (EC) No 684/2009</p>						
source	<pre><xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **ReferenceOTN**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumberIdentifier
used by	elements ChangeofTrackMessage TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre><xs:element name="ReferenceOTN"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ReferenceTrainIDSubCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BitmapDays ValidityPeriod
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage
annotation	documentation ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"
source	<pre><xs:element name="ReferenceTrainIDSubCalendar"> <xs:annotation> <xs:documentation>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

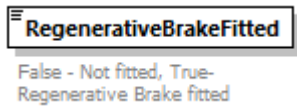
```
<xs:element ref="ValidityPeriod"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **RegenerativeBrake**

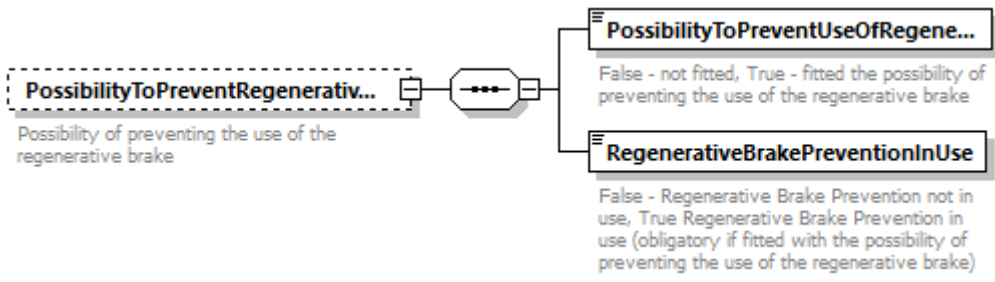
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>RegenerativeBrakeFitted PossibilityToPreventRegenerativeBrake</p>
<p>used by</p>	<p>element TrainCompositionJourneySection/LocIdent</p>
<p>annotation</p>	<p>documentation Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source</p>
<p>source</p>	<pre><xs:element name="RegenerativeBrake"> <xs:annotation> <xs:documentation>Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RegenerativeBrake/RegenerativeBrakeFitted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation False - Not fitted, True- Regenerative Brake fitted
source	<pre> <xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element> </pre>

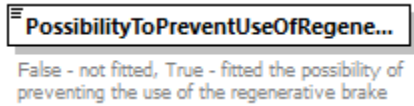
element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	PossibilityToPreventUseOfRegenerativeBrake RegenerativeBrakePreventionInUse
annotation	documentation Possibility of preventing the use of the regenerative brake

source	<pre> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/PossibilityToPreventUseOfRegenerativeBrake

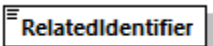
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake
source	<pre> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </pre>

element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/RegenerativeBrakePreventionInUse

diagram	 <p>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)
source	<pre><xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element></pre>

element RelatedIdentifier

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<pre><xs:element name="RelatedIdentifier" type="FreeText"/></pre>									

element **RelatedPlannedTransportIdentifiers**

<p>diagram</p>	<p>The diagram illustrates the structure of the RelatedPlannedTransportIdentifiers element. It is a complex content type composed of several child elements:</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: The start of the date/time in effect
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>CompositIdentifierPlannedType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>element Identifiers</p>
<p>source</p>	<pre><xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>


element **RelatedReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime
used by	elements ReceiptConfirmationMessage WagonETI ETA Message
annotation	documentation Identifies the message to which the actual message refers
source	<pre> <xs:element name="RelatedReference"> <xs:annotation> <xs:documentation>Identifies the message to which the actual message refers</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RelatedType" type="MessageCode"/> <xs:element ref="RelatedIdentifier"/> <xs:element ref="RelatedSenderReference" minOccurs="0"/> <xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **RelatedReference/RelatedType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	ns1:MessageCode									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
source	<pre> <xs:element name="RelatedType" type="MessageCode"/> </pre>									

element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Date Time of related message.
source	<pre><xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element></pre>

element **RelatedSenderReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Sender reference given by the Sender									
source	<pre><xs:element name="RelatedSenderReference" type="FreeText"> <xs:annotation> <xs:documentation>Sender reference given by the Sender</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RelatedTransportOperationalIdentifiers**

<p>diagram</p>	<p>The diagram shows a class RelatedTransportOperationalIdentifiers connected to a dashed box representing the CompositIdentifierOperationalType composition. Inside this box, six sub-classes are listed: ObjectType, Company, Core, Variant, TimetableYear, and StartDate. Each sub-class has a brief description of its function.</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>CompositIdentifierOperationalType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>element TrainOperationalIdentification</p>
<p>source</p>	<pre><xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/></pre>

element **Remarks**

<p>diagram</p>	<p>The diagram shows a box labeled Remarks with the text <i>Free Form Text</i> below it.</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements DelayCauseTime InterruptionPoint ReceiptConfirmationMessage TrainJourneyModificationMessage
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Form Text
source	<pre><xs:element name="Remarks" type="FreeText"> <xs:annotation> <xs:documentation>Free Form Text</xs:documentation> </xs:annotation> </xs:element></pre>

element **RequestedCalendar**

diagram	<p>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BitmapDays ValidityPeriod
used by	element PathInformation
source	<pre><xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RequestedPeriod**

diagram	<p>Date/Time period of a request</p> <p>The start of the date/time in effect</p> <p>The end date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	StartDateTime EndDateTime
annotation	documentation Date/Time period of a request
source	<pre> <xs:element name="RequestedPeriod"> <xs:annotation> <xs:documentation>Date/Time period of a request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RequestedTimeframe**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartDateTime EndDateTime
annotation	documentation To specify a time period being requested
source	<pre> <xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specify a time period being requested</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime" minOccurs="0"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ResponsibilityActualSection**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ResponsibleRU ResponsibleIM</p>
<p>used by</p>	<p>element JourneySection</p>
<p>annotation</p>	<p>documentation This element identifies the responsible RU or IM for the actual path section</p>
<p>source</p>	<pre><xs:element name="ResponsibilityActualSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU or IM for the actual path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ResponsibilityNextSection**

diagram	<p>This element identifies the responsible RU and IM for the following path section</p> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>ResponsibleIM IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	element JourneySection
annotation	documentation This element identifies the responsible RU and IM for the following path section
source	<pre><xs:element name="ResponsibilityNextSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU and IM for the following path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ResponsibleApplicant**

diagram	<p>This element has to be used for the whole journey where the applicant has made the request</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of CompanyCode
properties	content simple
used by	element PlannedJourneyLocation

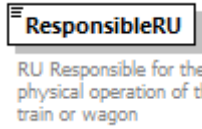
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	<p>documentation</p> <p>This element has to be used for the whole journey where the applicant has made the request</p>												
source	<pre><xs:element name="ResponsibleApplicant"> <xs:annotation> <xs:documentation>This element has to be used for the whole journey where the applicant has made the request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CompanyCode"/> </xs:simpleType> </xs:element></pre>												

element **ResponsibleIM**

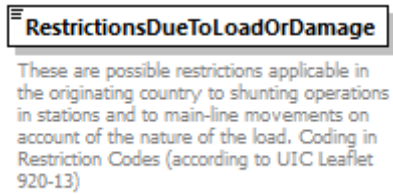
diagram	<p>ResponsibleIM</p> <p>IM Responsible for Reporting. For Path Requests, this element has to be used</p> <ul style="list-style-type: none"> - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. 												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	<p>documentation</p> <p>IM Responsible for Reporting. For Path Requests, this element has to be used</p> <ul style="list-style-type: none"> - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. 												
source	<pre><xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>IM Responsible for Reporting. For Path Requests, this element has to be used</pre>												

	<ul style="list-style-type: none"> - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. <pre> </xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **ResponsibleRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements ExceptionPoint PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection TrainDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation RU Responsible for the physical operation of the train or wagon												
source	<pre> <xs:element name="ResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>RU Responsible for the physical operation of the train or wagon</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **RestrictionsDueToLoadOrDamage**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	ns1:RestrictionCodes						
properties	content simple						
used by	element WagonOperationalData						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>07</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07	documentation
Kind	Value	Annotation					
enumeration	07	documentation					

		F - Shunt only when hand brake operable with ground staff documentation
enumeration	08	F - Tank wagon loaded with liquid documentation
enumeration	09	F - Wagon loaded with people documentation
enumeration	11	F - Wagon other than bogie wagon with wheelbase of more than 9 metres documentation
enumeration	12	F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres documentation
enumeration	13	F - Bogie wagon with distance between wheels of more than 17,50 metres documentation
enumeration	15	F - Wagon not allowed over the hump documentation
enumeration	16	F - Do not fly shunt or gravity shunt (3 red triangles) documentation
enumeration	18	F - Must not use active braking equipment documentation
enumeration	25	F - Gas carrying tank wagon with orange side stripe documentation
enumeration	30	P (+F) - CCS fault (see CCS coding list) documentation
enumeration	31	P (+F) - Braking system fault documentation
enumeration	32	P (+F) - Wheelset, bogie fault documentation
enumeration	33	P (+F) - Headlighting or back lighting fault documentation
enumeration	34	P (+F) - Front glass broken documentation
enumeration	35	P (+F) - Horn fault documentation
enumeration	36	P (+F) - Radio fault documentation
enumeration	37	P (+F) - Energy supply fault documentation
enumeration	38	P (+F) - Traction or motor fault documentation
enumeration	39	P - Access door fault documentation
enumeration	41	F - Place this wagon at the front of the train documentation
enumeration	42	F - Place this wagon at the rear of the train documentation
enumeration	50	P (+F) - Speed restriction documentation
enumeration	52	P (+F) - Diesel locomotive instead of electric locomotive documentation
enumeration	61	F - Wagon forming part of a consignment of several wagons documentation
enumeration	62	F - Wagon forming part of a group of wagons from which it must not be separated documentation
enumeration	63	F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation
enumeration	68	F - First or last wagon of a wagon group from which it must not be separated documentation
enumeration	70	F - Shunt with care (1 red triangle) documentation
enumeration	71	F - Shunt with special care (2 red triangle) documentation
enumeration	90	P - Train planned with passengers operated without passengers

	<p>enumeration 91 documentation P - Train planned without passengers operated with passengers</p> <p>enumeration 92 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine)</p> <p>enumeration 94 documentation F - Gas carrying wagon without orange side stripe</p> <p>enumeration 99 documentation P - Other</p>
annotation	<p>documentation These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)</p>
source	<pre><xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"> <xs:annotation> <xs:documentation>These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) </xs:documentation> </xs:annotation> </xs:element></pre>

element RevisedRequest

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element PathDetailsRefusedMessage
annotation	<p>documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</p>
source	<pre><xs:element name="RevisedRequest" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID**

<p>diagram</p>	<p>Law The law after which the RID data are declared.</p> <p>DangerLabel 0,5 All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> <p>TechnicalDescription The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p> <p>ProperShippingName The official name of the dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p> <p>SpecialProvisionsRID</p> <p>ActionRequiredFromCarrier Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> <p>DangerousGoodsWeight The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume The volume of the dangerous goods in cubic meters</p> <p>WeightNettoExplosiveMass Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p> <p>HazardIdentificationNumber</p> <p>UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</p> <p>RID_Class The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> <p>ClassificationCode The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</p> <p>PackingGroup The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>EmptyPackingCode Code of empty packing as described in RID 5.4.1.1.6.2</p> <p>LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3-4 RID</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>

children	Law ns1:DangerLabel TechnicalDescription ProperShippingName SpecialProvisionsRID ActionRequiredFromCarrier DangerousGoodsWeight DangerousGoodsVolume WeightNettoExplosiveMass HazardIdentificationNumber UN Number RID Class ClassificationCode ns1:PackingGroup EmptyPackingCode LimitedQuantityIndicator
used by	elements Goods Wagons/GoodsInWagon
annotation	documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs
source	<pre> <xs:element name="RID"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:simpleType>
</xs:element>
<xs:element name="ProperShippingName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The official name of this dangerous good
according to the RID chapter 3.2, table A, column 2 Mandatory, except it
concerns a declaration of an empty packaging of the type "EMPTY PACKAGING",
"EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY
LARGE PACKAGING"</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SpecialProvisionsRID3.3" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialProvisionRID5.4" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Waste" type="xs:boolean" minOccurs="0"/>
      <xs:element name="SpecialProvisionsEnvironment" minOccurs="0">
        <xs:complexType>
          <xs:choice>
            <xs:element name="EnvironmentalHazardous"
type="xs:boolean"/>
            <xs:element name="MarinePollutant" type="xs:boolean"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special action required by the carrier according
to chapter 5.4.1.2.5.2 RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">

```

```

        <xs:minLength value="1"/>
        <xs:maxLength value="350"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special provision only necessary and allowed for
Class 1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="HazardIdentificationNumber" minOccurs="0">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="UN_Number" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The UNNumber of the dangerous good according to
the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a
declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY
RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"
.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="4"/>
            <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="RID_Class" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The Class of the dangerous good according to the
RID chapter 3.2, table A, column 3a.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>

```

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Classification Code of the dangerous good
according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1
- optional, but possibly for all the other classes.</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="4">
        <xs:annotation>
          <xs:documentation>present only with class
1</xs:documentation>
        </xs:annotation>
      </xs:maxLength>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element name="EmptyPackingCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has
been added as 'dummy' until the code list has been finished and approved.
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>EMPTY PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation>EMPTY CONTAINER</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>EMPTY IBC</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="04">
        <xs:annotation>
          <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="05">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

```

<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
  <xs:annotation>
    <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
  <xs:annotation>
    <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>EMPTY VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE 1e
1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">

```

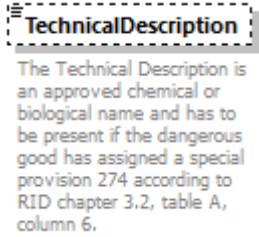

	<pre> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RID/Law**

diagram	 <p>The law after which the RID data are declared.</p>																																										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																										
type	restriction of xs:int																																										
properties	content simple																																										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>2013</td><td></td></tr> <tr><td>enumeration</td><td>2015</td><td></td></tr> <tr><td>enumeration</td><td>2017</td><td></td></tr> <tr><td>enumeration</td><td>2019</td><td></td></tr> <tr><td>enumeration</td><td>2021</td><td></td></tr> <tr><td>enumeration</td><td>2023</td><td></td></tr> <tr><td>enumeration</td><td>2025</td><td></td></tr> <tr><td>enumeration</td><td>2027</td><td></td></tr> <tr><td>enumeration</td><td>2029</td><td></td></tr> <tr><td>enumeration</td><td>2031</td><td></td></tr> <tr><td>enumeration</td><td>2033</td><td></td></tr> <tr><td>enumeration</td><td>2035</td><td></td></tr> <tr><td>enumeration</td><td>2037</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019		enumeration	2021		enumeration	2023		enumeration	2025		enumeration	2027		enumeration	2029		enumeration	2031		enumeration	2033		enumeration	2035		enumeration	2037	
Kind	Value	Annotation																																									
enumeration	2013																																										
enumeration	2015																																										
enumeration	2017																																										
enumeration	2019																																										
enumeration	2021																																										
enumeration	2023																																										
enumeration	2025																																										
enumeration	2027																																										
enumeration	2029																																										
enumeration	2031																																										
enumeration	2033																																										
enumeration	2035																																										
enumeration	2037																																										
annotation	documentation The law after which the RID data are declared.																																										
source	<pre> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are </pre>																																										

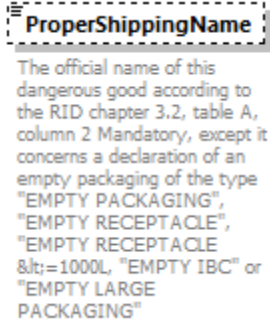
	<pre> declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **RID/TechnicalDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.									
source	<pre> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

```
</xs:simpleType>
</xs:element>
```

element RID/ProperShippingName

diagram	 <p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"									
source	<pre><xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

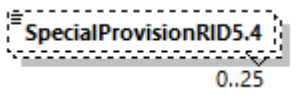
element **RID/SpecialProvisionsRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	SpecialProvisionsRID3.3 SpecialProvisionRID5.4 Waste SpecialProvisionsEnvironment
source	<pre> <xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Waste" type="xs:boolean" minOccurs="0"/> <xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

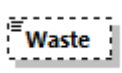
element **RID/SpecialProvisionsRID/SpecialProvisionsRID3.3**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 25 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
source	<pre><xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/SpecialProvisionsRID/SpecialProvisionRID5.4**

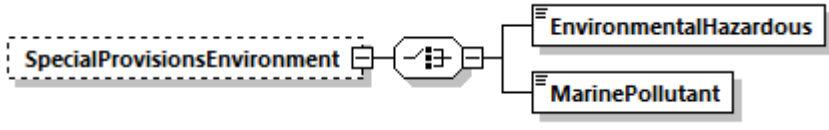
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 25 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
source	<pre><xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/SpecialProvisionsRID/Waste**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="Waste" type="xs:boolean" minOccurs="0"/></code>

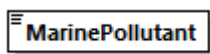
element **RID/SpecialProvisionsRID/SpecialProvisionsEnvironment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EnvironmentalHazardous MarinePollutant
source	<pre><xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element></pre>


element **RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/EnvironmentalHazardous**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
source	<code><xs:element name="EnvironmentalHazardous" type="xs:boolean"/></code>

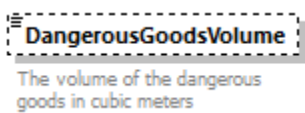
element **RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/MarinePollutant**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
source	<code><xs:element name="MarinePollutant" type="xs:boolean"/></code>


element **RID/ActionRequiredFromCarrier**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Special action required by the carrier according to chapter 5.4.1.2.5.2 RID									
source	<pre><xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

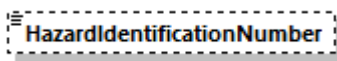
element **RID/DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOFGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID/WeightNettoExplosiveMass**

diagram	 <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).												
source	<pre><xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> </xs:element></pre>												

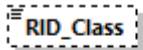
element **RID/HazardIdentificationNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
source	<pre><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/UN_Number**

diagram	 <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
used by	element SummaryOfGoodsWithSameRID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".									
source	<pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/RID_Class**

diagram	 <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content simple
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre><xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

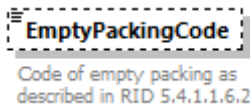
element **RID/ClassificationCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4 documentation present only with class 1
annotation	documentation The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes. documentation CODE: OTIF RID-Specification
source	<pre><xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"> </xs:restriction> </xs:simpleType> </xs:element></pre>

```

<xs:documentation>present only with class 1</xs:documentation>
</xs:annotation>
</xs:maxLength>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **RID/EmptyPackingCode**

diagram																																																										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																									
type	restriction of xs:token																																																									
properties	minOcc 0 maxOcc 1 content simple																																																									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>01</td><td>documentation EMPTY PACKAGING</td></tr> <tr><td>enumeration</td><td>02</td><td>documentation EMPTY CONTAINER</td></tr> <tr><td>enumeration</td><td>03</td><td>documentation EMPTY IBC</td></tr> <tr><td>enumeration</td><td>04</td><td>documentation EMPTY LARGE PACKAGING</td></tr> <tr><td>enumeration</td><td>05</td><td>documentation EMPTY TANK-VEHICLE</td></tr> <tr><td>enumeration</td><td>06</td><td>documentation EMPTY TANK-WAGON</td></tr> <tr><td>enumeration</td><td>07</td><td>documentation EMPTY DETACHABLE TANK</td></tr> <tr><td>enumeration</td><td>08</td><td>documentation EMPTY DEMOUNTABLE TANK</td></tr> <tr><td>enumeration</td><td>09</td><td>documentation EMPTY TANK-CONTAINER</td></tr> <tr><td>enumeration</td><td>10</td><td>documentation EMPTY PORTABLE TANK</td></tr> <tr><td>enumeration</td><td>11</td><td>documentation EMPTY BATTERY-VEHICLE</td></tr> <tr><td>enumeration</td><td>12</td><td>documentation EMPTY BATTERY-WAGON</td></tr> <tr><td>enumeration</td><td>13</td><td>documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</td></tr> <tr><td>enumeration</td><td>14</td><td>documentation EMPTY VEHICLE</td></tr> <tr><td>enumeration</td><td>15</td><td>documentation EMPTY WAGON</td></tr> <tr><td>enumeration</td><td>16</td><td>documentation EMPTY RECEPTACLE le 1000L</td></tr> <tr><td>enumeration</td><td>17</td><td>documentation EMPTY RECEPTACLE gt 1000L</td></tr> <tr><td>enumeration</td><td>18</td><td>documentation EMPTY</td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01	documentation EMPTY PACKAGING	enumeration	02	documentation EMPTY CONTAINER	enumeration	03	documentation EMPTY IBC	enumeration	04	documentation EMPTY LARGE PACKAGING	enumeration	05	documentation EMPTY TANK-VEHICLE	enumeration	06	documentation EMPTY TANK-WAGON	enumeration	07	documentation EMPTY DETACHABLE TANK	enumeration	08	documentation EMPTY DEMOUNTABLE TANK	enumeration	09	documentation EMPTY TANK-CONTAINER	enumeration	10	documentation EMPTY PORTABLE TANK	enumeration	11	documentation EMPTY BATTERY-VEHICLE	enumeration	12	documentation EMPTY BATTERY-WAGON	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS	enumeration	14	documentation EMPTY VEHICLE	enumeration	15	documentation EMPTY WAGON	enumeration	16	documentation EMPTY RECEPTACLE le 1000L	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L	enumeration	18	documentation EMPTY
Kind	Value	Annotation																																																								
enumeration	01	documentation EMPTY PACKAGING																																																								
enumeration	02	documentation EMPTY CONTAINER																																																								
enumeration	03	documentation EMPTY IBC																																																								
enumeration	04	documentation EMPTY LARGE PACKAGING																																																								
enumeration	05	documentation EMPTY TANK-VEHICLE																																																								
enumeration	06	documentation EMPTY TANK-WAGON																																																								
enumeration	07	documentation EMPTY DETACHABLE TANK																																																								
enumeration	08	documentation EMPTY DEMOUNTABLE TANK																																																								
enumeration	09	documentation EMPTY TANK-CONTAINER																																																								
enumeration	10	documentation EMPTY PORTABLE TANK																																																								
enumeration	11	documentation EMPTY BATTERY-VEHICLE																																																								
enumeration	12	documentation EMPTY BATTERY-WAGON																																																								
enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS																																																								
enumeration	14	documentation EMPTY VEHICLE																																																								
enumeration	15	documentation EMPTY WAGON																																																								
enumeration	16	documentation EMPTY RECEPTACLE le 1000L																																																								
enumeration	17	documentation EMPTY RECEPTACLE gt 1000L																																																								
enumeration	18	documentation EMPTY																																																								
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and																																																									

	approved.
source	<pre> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>EMPTY PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>EMPTY CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>EMPTY IBC</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>EMPTY TANK-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> </pre>

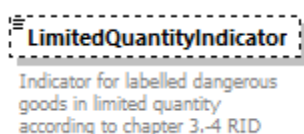
```

    <xs:annotation>
      <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="11">
    <xs:annotation>
      <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="12">
    <xs:annotation>
      <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="13">
    <xs:annotation>
      <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="14">
    <xs:annotation>
      <xs:documentation>EMPTY VEHICLE</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="15">
    <xs:annotation>
      <xs:documentation>EMPTY WAGON</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="16">
    <xs:annotation>
      <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="17">
    <xs:annotation>
      <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="18">
    <xs:annotation>
      <xs:documentation>EMPTY</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

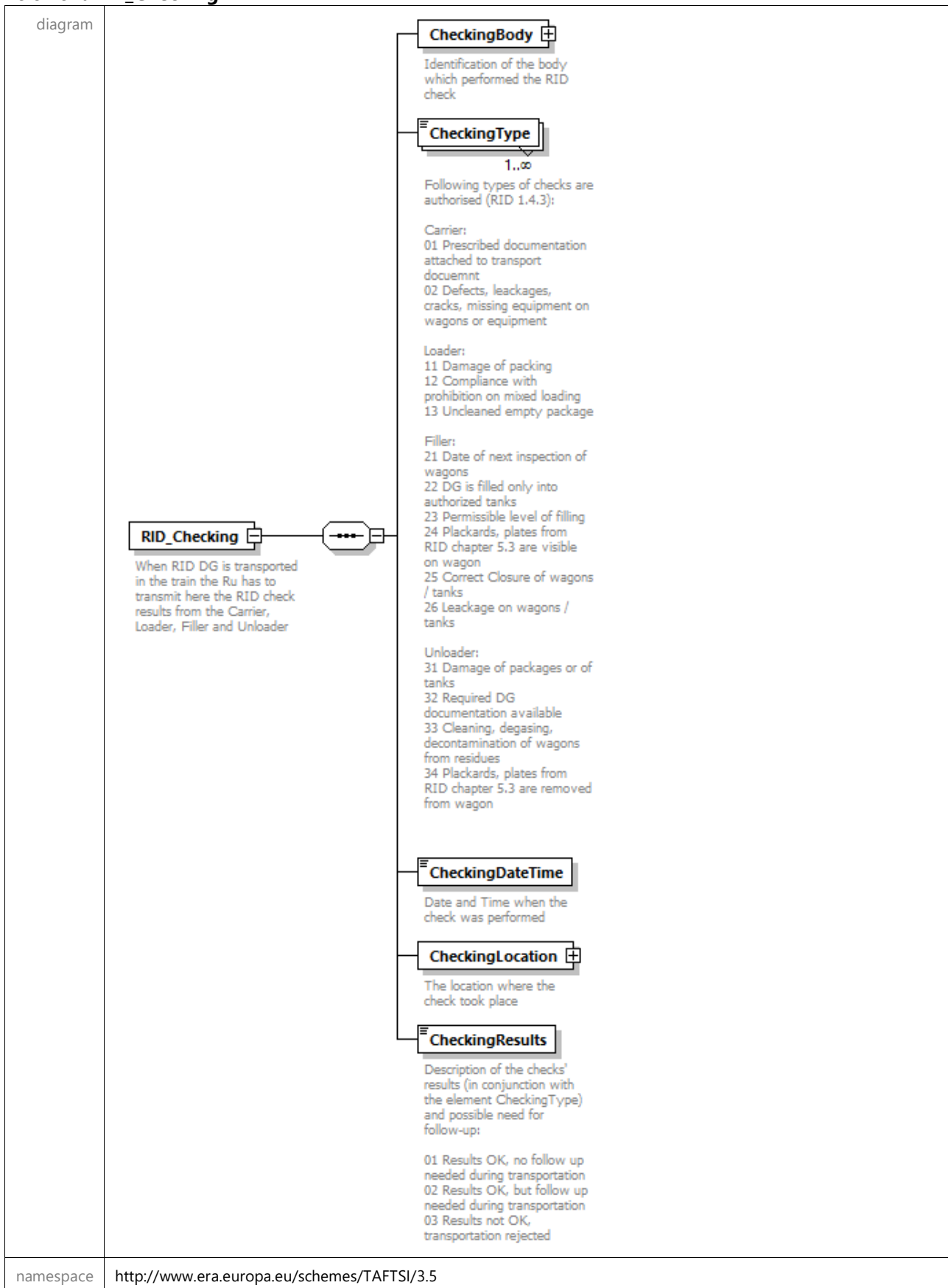
element **RID/LimitedQuantityIndicator**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
source	<pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID_Checking**



properties	content complex
children	CheckingBody CheckingType CheckingDateTime CheckingLocation CheckingResults
used by	element Goods
annotation	documentation When RID DG is transported in the train the Ru has to transmit here the RID check results from the Carrier, Loader, Filler and Unloader
source	<pre> <xs:element name="RID_Checking"> <xs:annotation> <xs:documentation>When RID DG is transported in the train the Ru has to transmit here the RID check results from the Carrier, Loader, Filler and Unloader </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CheckingBody"> <xs:annotation> <xs:documentation>Identification of the body which performed the RID check</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="CheckingType" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Following types of checks are authorised (RID 1.4.3): Carrier: 01 Prescribed documentation attached to transport docuemnt 02 Defects, leackages, cracks, missing equipment on wagons or equipment </pre>

Loader:

- 11 Damage of packing
- 12 Compliance with prohibition on mixed loading
- 13 Uncleaned empty package

Filler:

- 21 Date of next inspection of wagons
- 22 DG is filled only into authorized tanks
- 23 Permissible level of filling
- 24 Plackards, plates from RID chapter 5.3 are visible on wagon
- 25 Correct Closure of wagons / tanks
- 26 Leakage on wagons / tanks

Unloader:

- 31 Damage of packages or of tanks
- 32 Required DG documentation available
- 33 Cleaning, degasing, decontamination of wagons from residues
- 34 Plackards, plates from RID chapter 5.3 are removed from wagon

```

</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="01"/>
      <xs:enumeration value="02"/>
      <xs:enumeration value="11"/>
      <xs:enumeration value="12"/>
      <xs:enumeration value="13"/>
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      <xs:enumeration value="24"/>
      <xs:enumeration value="25"/>
      <xs:enumeration value="26"/>
      <xs:enumeration value="31"/>
      <xs:enumeration value="32"/>
      <xs:enumeration value="33"/>
      <xs:enumeration value="34"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CheckingDateTime" type="xs:dateTime">
  <xs:annotation>
    <xs:documentation>Date and Time when the check was
performed</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CheckingLocation" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>The location where the check took
place</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CheckingResults">
  <xs:annotation>
    <xs:documentation>Description of the checks' results (in
conjunction with the element CheckingType) and possible need for follow-up:

```

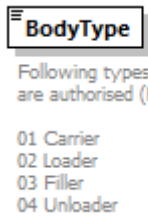
	<pre> 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="01"/> <xs:pattern value="02"/> <xs:pattern value="03"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RID_Checking/CheckingBody**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	BodyType BodyID
annotation	documentation Identification of the body which performed the RID check
source	<pre> <xs:element name="CheckingBody"> <xs:annotation> <xs:documentation>Identification of the body which performed the RID check</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> </pre>

	<pre> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RID_Checking/CheckingBody/BodyType**


diagram	 <p>Following types of bodies are authorised (RID 1.4.3):</p> <ul style="list-style-type: none"> 01 Carrier 02 Loader 03 Filler 04 Unloader 															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> <tr> <td>enumeration</td> <td>04</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04	
Kind	Value	Annotation														
enumeration	01															
enumeration	02															
enumeration	03															
enumeration	04															
annotation	<p>documentation</p> <p>Following types of bodies are authorised (RID 1.4.3):</p> <ul style="list-style-type: none"> 01 Carrier 02 Loader 03 Filler 04 Unloader 															
source	<pre> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3): 01 Carrier 02 Loader 03 Filler 04 Unloader</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

	<pre> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **RID_Checking/CheckingBody/BodyID**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation 4N Company Code												
source	<pre> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </pre>												

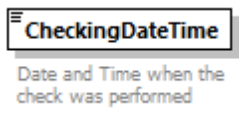
element **RID_Checking/CheckingType**

<p>diagram</p>	 <p>1..∞</p> <p>Following types of checks are authorised (RID 1.4.3):</p> <p>Carrier:</p> <ul style="list-style-type: none"> 01 Prescribed documentation attached to transport docuemnt 02 Defects, leakages, cracks, missing equipment on wagons or equipment <p>Loader:</p> <ul style="list-style-type: none"> 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package <p>Filler:</p> <ul style="list-style-type: none"> 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leakage on wagons / tanks <p>Unloader:</p> <ul style="list-style-type: none"> 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degasing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon 																																							
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>																																							
<p>type</p>	<p>restriction of xs:string</p>																																							
<p>properties</p>	<p>minOcc 1 maxOcc unbounded content simple</p>																																							
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <tr><td>enumeration</td><td>23</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>26</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	11		enumeration	12		enumeration	13		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	26		enumeration	31	
Kind	Value	Annotation																																						
enumeration	01																																							
enumeration	02																																							
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enumeration	31																																							

	<p>enumeration 32</p> <p>enumeration 33</p> <p>enumeration 34</p>
annotation	<p>documentation</p> <p>Following types of checks are authorised (RID 1.4.3):</p> <p>Carrier:</p> <p>01 Prescribed documentation attached to transport docuemnt</p> <p>02 Defects, leakages, cracks, missing equipment on wagons or equipment</p> <p>Loader:</p> <p>11 Damage of packing</p> <p>12 Compliance with prohibition on mixed loading</p> <p>13 Uncleaned empty package</p> <p>Filler:</p> <p>21 Date of next inspection of wagons</p> <p>22 DG is filled only into authorized tanks</p> <p>23 Permissible level of filling</p> <p>24 Plackards, plates from RID chapter 5.3 are visible on wagon</p> <p>25 Correct Closure of wagons / tanks</p> <p>26 Leakage on wagons / tanks</p> <p>Unloader:</p> <p>31 Damage of packages or of tanks</p> <p>32 Required DG documentation available</p> <p>33 Cleaning, degasing, decontamination of wagons from residues</p> <p>34 Plackards, plates from RID chapter 5.3 are removed from wagon</p>
source	<pre> <xs:element name="CheckingType" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Following types of checks are authorised (RID 1.4.3): Carrier: 01 Prescribed documentation attached to transport docuemnt 02 Defects, leakages, cracks, missing equipment on wagons or equipment Loader: 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package Filler: 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leakage on wagons / tanks Unloader: 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degasing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

	<pre> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="25"/> <xs:enumeration value="26"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **RID_Checking/CheckingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time when the check was performed
source	<pre> <xs:element name="CheckingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the check was performed</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RID_Checking/CheckingLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation The location where the check took place
source	<pre><xs:element name="CheckingLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>The location where the check took place</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID_Checking/CheckingResults**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>01</td> <td></td> </tr> <tr> <td>pattern</td> <td>02</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	01		pattern	02	
Kind	Value	Annotation								
pattern	01									
pattern	02									

	pattern 03
annotation	documentation Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up: 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected
source	<pre> <xs:element name="CheckingResults"> <xs:annotation> <xs:documentation>Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up: 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="01"/> <xs:pattern value="02"/> <xs:pattern value="03"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingRoadUnit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RollingRoadUnitDetails Goods SummaryOfGoodsWithSameRID
used by	element Wagons/GoodsInWagon
annotation	documentation Describes the type and content of a Rolling road unit
source	<pre> <xs:element name="RollingRoadUnit"> <xs:annotation> <xs:documentation>Describes the type and content of a Rolling road unit</xs:documentation> </pre>

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="RollingRoadUnitDetails">
      <xs:annotation>
        <xs:documentation>Details for Rolling Road units on
wagon</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="LoadingStatus"/>
        <xs:element name="RollingRoadUnitType" default="HGZ"
minOccurs="0">
          <xs:annotation>
            <xs:documentation>Type of Rolling Road unit on
Wagon</xs:documentation>
            <xs:documentation>CODE:</xs:documentation>
            <xs:documentation>READ: <br/> - Consignee</xs:documentation>
            <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
            <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="3"/>
              <xs:enumeration value="HGZ">
                <xs:annotation>
                  <xs:documentation>articulated lorry</xs:documentation>
                </xs:annotation>
              </xs:enumeration>
              <xs:enumeration value="SAL">
                <xs:annotation>
                  <xs:documentation>semi-trailer</xs:documentation>
                </xs:annotation>
              </xs:enumeration>
              <xs:enumeration value="MW">
                <xs:annotation>
                  <xs:documentation>motor vehicle</xs:documentation>
                </xs:annotation>
              </xs:enumeration>
              <xs:enumeration value="ANH">
                <xs:annotation>
                  <xs:documentation>trailer</xs:documentation>
                </xs:annotation>
              </xs:enumeration>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:sequence>
  <xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
    <xs:annotation>
      <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:complexType>
</xs:sequence>

```

```

        <xs:element name="NumberPlate">
          <xs:annotation>
            <xs:documentation>Number plate of the
vehicle.</xs:documentation>
            <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
            <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
            <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="10"/>
              <xs:minLength value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element ref="CountryCodeISO"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="TareWeightVehicle" type="WeightValueKilo">
    <xs:annotation>
      <xs:documentation>Total weight [kg] of vehicle (truck and
trailer).</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Haulier" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Information concerning the
haulier.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="Name">
          <xs:annotation>
            <xs:documentation>Name of haulier.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element ref="CountryCodeISO"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Attendants" minOccurs="0" maxOccurs="2">
    <xs:annotation>
      <xs:documentation>Attendants during the
transport.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="LastName">
          <xs:annotation>
            <xs:documentation>Last name of
attendant.</xs:documentation>
          </xs:annotation>
          <xs:documentation>READ: <br/> -
Consignee</xs:documentation>

```

```

        <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
        <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="FirstName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Optional first name of the
attendant.</xs:documentation>
        <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
        <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
        <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
  <xs:element ref="Goods" maxOccurs="99">
    <xs:annotation/>
  </xs:element>
  <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingRoadUnit/RollingRoadUnitDetails**

<p>diagram</p>	<p>RollingRoadUnitDetails Details for Rolling Road units on wagon</p> <ul style="list-style-type: none"> LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded RollingRoadUnitType Type of Rolling Road unit on Wagon Vehicles (0..2) List of vehicles loaded (i.e. truck and trailer). TareWeightVehicle Total weight [kg] of vehicle (truck and trailer). Haulier Information concerning the haulier. Attendants (0..2) Attendants during the transport.
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LoadingStatus RollingRoadUnitType Vehicles TareWeightVehicle Haulier Attendants</p>
<p>annotation</p>	<p>documentation Details for Rolling Road units on wagon</p>
<p>source</p>	<pre> <xs:element name="RollingRoadUnitDetails"> <xs:annotation> <xs:documentation>Details for Rolling Road units on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

    <xs:enumeration value="HGZ">
      <xs:annotation>
        <xs:documentation>articulated lorry</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="SAL">
      <xs:annotation>
        <xs:documentation>semi-trailer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="MW">
      <xs:annotation>
        <xs:documentation>motor vehicle</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ANH">
      <xs:annotation>
        <xs:documentation>trailer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberPlate">
        <xs:annotation>
          <xs:documentation>Number plate of the
vehicle.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
  <xs:annotation>
    <xs:documentation>Total weight [kg] of vehicle (truck and
trailer).</xs:documentation>
  </xs:annotation>
</xs:element>

```

```

<xs:element name="Haulier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information concerning the
haulier.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Name">
        <xs:annotation>
          <xs:documentation>Name of haulier.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Attendants" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Attendants during the
transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LastName">
        <xs:annotation>
          <xs:documentation>Last name of attendant.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="FirstName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Optional first name of the
attendant.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
type	restriction of xs:string																					
properties	minOcc 0 maxOcc 1 content simple default HGZ																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>HGZ</td> <td>documentation articulated lorry</td> </tr> <tr> <td>enumeration</td> <td>SAL</td> <td>documentation semi-trailer</td> </tr> <tr> <td>enumeration</td> <td>MW</td> <td>documentation motor vehicle</td> </tr> <tr> <td>enumeration</td> <td>ANH</td> <td>documentation trailer</td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	3		enumeration	HGZ	documentation articulated lorry	enumeration	SAL	documentation semi-trailer	enumeration	MW	documentation motor vehicle	enumeration	ANH	documentation trailer
Kind	Value	Annotation																				
minLength	1																					
maxLength	3																					
enumeration	HGZ	documentation articulated lorry																				
enumeration	SAL	documentation semi-trailer																				
enumeration	MW	documentation motor vehicle																				
enumeration	ANH	documentation trailer																				
annotation	documentation Type of Rolling Road unit on Wagon documentation CODE: documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)																					
source	<pre> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>																					


	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 2 content complex
children	NumberPlate CountryCodeISO
annotation	documentation List of vehicles loaded (i.e. truck and trailer).
source	<pre> <xs:element name="Vehicles" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>List of vehicles loaded (i.e. truck and trailer).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

	<pre> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles/NumberPlate**

diagram	 <p>Number plate of the vehicle.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	<p>documentation Number plate of the vehicle.</p> <p>documentation READ:
 - Consignee</p> <p>documentation WRITE:
 - Consignor</p> <p>documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</p>									
source	<pre> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

diagram	 <p>Total weight [kg] of vehicle (truck and trailer).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	WeightValueKilo												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight [kg] of vehicle (truck and trailer).												
source	<pre><xs:element name="TareWeightVehicle" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation> </xs:annotation> </xs:element></pre>												

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	Name CountryCodeISO						
annotation	documentation Information concerning the haulier.						
source	<pre><xs:element name="Haulier" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the haulier.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"> <xs:annotation> <xs:documentation>Name of haulier.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element></pre>						

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 2 content complex
children	LastName FirstName
annotation	documentation Attendants during the transport.
source	<pre> <xs:element name="Attendants" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>
--	----------------------------------

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

diagram	 <p>Last name of attendant.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	<p>documentation Last name of attendant.</p> <p>documentation READ:
 - Consignee</p> <p>documentation WRITE:
 - Consignor</p> <p>documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</p>									
source	<pre><xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram	 <p>Optional first name of the attendant.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>15</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

annotation	<p>documentation Optional first name of the attendant.</p> <p>documentation READ:
 - Consignee</p> <p>documentation WRITE:
 - Consignor</p> <p>documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</p>
source	<pre><xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	AdministrativeDataSet DesignDataSet
used by	elements RollingStockDatasetMessage WIMO Dataset
annotation	<p>documentation Rolling Stock administrative and Technical Dataset</p>
source	<pre><xs:element name="RollingStockDataset"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

</xs:annotation>
</xs:element>
<xs:element name="RegistrationCountry" type="CountryIdentISO">
  <xs:annotation>
    <xs:documentation>ISO country code of registration
country</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DatePutIntoService">
  <xs:annotation>
    <xs:documentation>Date of first operation</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AuthorisationValidUntil" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>End date for restricted authorisation
(special case)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SuspensionOfAuthorisation" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Information if authorisation has been
suspended by the authority</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateSuspensionOfAuthorisation" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of authorisation;
must be provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MultilateralAuthorisationCountries"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation> ISO country code of countries where the
wagon is authorised (applies only in case of limited interoperability);
first entry indicates the initial authorisation country</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ChannelTunnelPermitted" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">

```

```

    <xs:annotation>
      <xs:documentation>Vehicle Keeper Marking of the wagon keeper
as listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ECM">
    <xs:annotation>
      <xs:documentation> Full name of the assigned Entity in
Charge of Maintenance</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="256"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PlannedChangeOfECM" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="CurrentECMAssignedUntil" type="xs:date">
          <xs:annotation>
            <xs:documentation> Date until the current Entity in
Charge of Maintenance is assigned to the wagon</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="SubsequentECM">
          <xs:annotation>
            <xs:documentation> Full name of the following Entity
in Charge of Maintenance</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="256"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ECMCertificate">
    <xs:annotation>
      <xs:documentation>ECM certificate
information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="EINNumber">
          <xs:annotation>
            <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element ref="CountryCodeISO"/>
              <xs:element name="TypeDocumentEIN" type="Numeric2-

```



```

2">
    <xs:annotation>
      <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric0-2"/>
  <xs:element name="EINYear" type="Numeric2-2"/>
  <xs:element name="EINCounter">
    <xs:simpleType>
      <xs:restriction base="xs:integer">
        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="9999"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ECMCertificateValidFrom" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid from
date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateValidTo" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid to
date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers other wagons
specialised in transport of dangerous goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Identification if certificate has
been suspended for any reason</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended"
type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of the ECM
certificate; must be provided in case of suspension</xs:documentation>

```

```

        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
  <xs:annotation>
    <xs:documentation>Identification of the general
interoperability capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

06 = TEN-GE

07 = TEN-CW

08 = TEN RIV</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="GCUWagon" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Indication if wagon is operated under the
GCU contract</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DesignDataSet">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LetterMarking">
        <xs:annotation>
          <xs:documentation>Complete wagon category letter code. The
Identification marking for freight rolling stock (wagon type) is defined in
UIC Leaflet 438-2</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="20"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TankCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Tank code (applies only for tank wagons).
The codes are defined in the RID regulation, chapter 4.3.3 and
4.3.4.1.1</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="20"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="WagonNumberOfAxles"/>
<xs:element name="WheelSetType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Type name of the wheel sets, and the name
of the type depends on the manufacturer.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="WheelDiameter" minOccurs="0"/>
<xs:element ref="WheelsetGauge" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element ref="WheelSetTransformationMethod" minOccurs="0"/>
<xs:element ref="NumberOfBogies" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of bogies for a wagon (applies for
bogie wagons only)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="BogiePitch" minOccurs="0"/>
<xs:element name="BogiePivotPitch" type="Numeric1-5"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Largest distance between two adjacent
bogie pitches in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent
axles in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Classification of buffer. The following
values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150),
L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation> Minimum allowed curve radius due to
design characteristics, measured in meters</xs:documentation>
  </xs:annotation>

```

```

</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the
wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons and
additional/country specific) can be specified by providing the element
several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no
load table need to be provided.
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Product description, only applies
for product-specific load tables</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ProductUNCode" type="Numeric4-4">
              <xs:annotation>
                <xs:documentation>UN code of product if product
specific load table</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ProductRIDName">
              <xs:annotation>
                <xs:documentation> RID product name as written
on the folding panel</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>ISO country code of countries for

```

```

additional load tables</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Numeric speed in load table, without
speed empty in km/h</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadTableStars" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of load table stars.
Currently recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RouteClassPayloads"
maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RouteClass"/>
      <xs:element name="MaxPayload" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Maximum payload in tonns of
line category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:totalDigits value="4"/>
            <xs:fractionDigits value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:sequence>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
  <xs:annotation>
    <xs:documentation>Characteristics of hand
brake</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>

```

```

        <xs:element name="BrakeBlock" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Characteristics of brake
blocks</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="BrakeBlockName" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Name of the brake block type,
including the length in mm</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:maxLength value="256"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
                <xs:annotation>
                  <xs:documentation> Indication if composite brake
blocks are retrofitted or originally equipped</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
                </xs:annotation>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
          <xs:annotation>
            <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
          </xs:annotation>
          <xs:element ref="MaxLengthOfLoad" minOccurs="0">
            <xs:annotation>
              <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element ref="LoadArea" minOccurs="0"/>
          <xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
            <xs:annotation>
              <xs:documentation>Height of the loading plane when wagon is
empty measured in mm</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="RemovableAccessories" minOccurs="0"

```

```

maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfRemovableAccessories">
        <xs:annotation>
          <xs:documentation>Specification of removable
accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
24 = Wheel scotches (for cars) on car-carrying wagon
25 = Gangway loading ramp on car-carrying wagon
26 = Metal cradles for rolls of metal sheeting
27 = Panel for covering markings
28 = Loading frame for special types of goods
29 = Headstock for "rolling roads"
99 = Other wagon accessories
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="NumberOfAccessoriesOfSpecType"
type="Numeric2-2">
        <xs:annotation>
          <xs:documentation>Number of specified accessory
equipped on the wagon</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="LoadingCapacity" minOccurs="0"/>
<xs:element ref="MaxGrossWeight">
  <xs:annotation>
    <xs:documentation>Weight of max Gross Load Weight plus the
tare weight of the equipment in kg</xs:documentation>
  </xs:annotation>

```

```

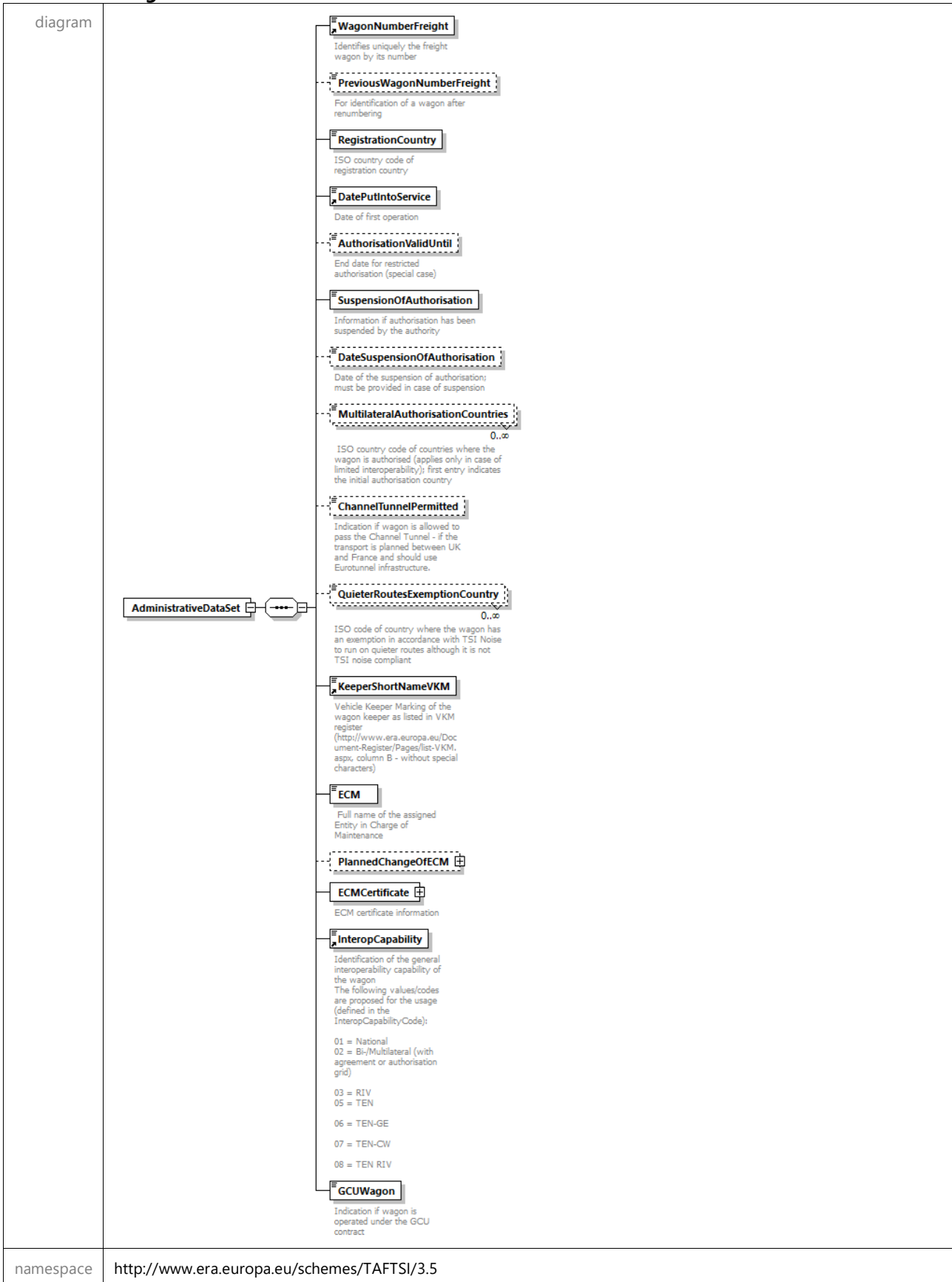
</xs:element>
<xs:element name="VapourReturnSystem" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if tank wagon is equipped with
a vapour return system</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="FerryPermittedFlag" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Indication if wagon is permitted to be
used on ferries</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FerryRampAngle" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Maximum allowed angle of the ferry ramp
(in grades: °)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="3"/>
      <xs:fractionDigits value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="TemperatureRange" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:annotation>
        <xs:documentation>Temperature Range</xs:documentation>
      </xs:annotation>
      <xs:element ref="MaxTemp"/>
      <xs:element ref="MinTemp"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="TechnicalForwardingRestrictions" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Restrictions relevant to wagon operations
in train formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType,
according to 920-13: annotation will carry the information that only
technical parameters are allowed to be used here. Only the code numbers
should be in the annotation</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DateLastOverhaul">
  <xs:annotation>
    <xs:documentation>Date of the last overhaul, if yet no
overhaul date of putting into service</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="OverhaulValidityPeriod"/>
<xs:element ref="PermittedTolerance"/>
<xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/>
<xs:element name="DateOfNextTankInspection" type="xs:date"

```



```
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the next tank inspection, applies
only for tank wagons</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **RollingStockDataset/AdministrativeDataSet**



properties	content complex
children	WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate ns1:InteropCapability GCUWagon
source	<pre> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DatePutIntoService"> <xs:annotation> <xs:documentation>Date of first operation</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChannelTunnelPermitted" type="xs:boolean" </pre>

```

minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
  <xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper as
listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECM">
  <xs:annotation>
    <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CurrentECMAssignedUntil" type="xs:date">
        <xs:annotation>
          <xs:documentation> Date until the current Entity in Charge
of Maintenance is assigned to the wagon</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SubsequentECM">
        <xs:annotation>
          <xs:documentation> Full name of the following Entity in
Charge of Maintenance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">

```

```

<xs:annotation>
  <xs:documentation>ECM certificate information</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="EINNumber">
      <xs:annotation>
        <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="CountryCodeISO"/>
          <xs:element name="TypeDocumentEIN" type="Numeric2-2">
            <xs:annotation>
              <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric0-2"/>
          <xs:element name="EINYear" type="Numeric2-2"/>
          <xs:element name="EINCounter">
            <xs:simpleType>
              <xs:restriction base="xs:integer">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="9999"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="ECMCertificateValidFrom" type="xs:date">
      <xs:annotation>
        <xs:documentation>Certificate valid from
date</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ECMCertificateValidTo" type="xs:date">
      <xs:annotation>
        <xs:documentation>Certificate valid to
date</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
      <xs:annotation>
        <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
      <xs:annotation>
        <xs:documentation>Certificate covers other wagons
specialised in transport of dangerous goods</xs:documentation>

```

```

</xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Identification if certificate has been
suspended for any reason</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of the ECM
certificate; must be provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
  <xs:annotation>
    <xs:documentation>Identification of the general interoperability
capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

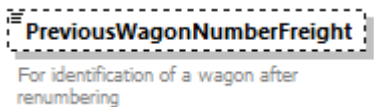
06 = TEN-GE

07 = TEN-CW

08 = TEN RIV</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="GCUWagon" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Indication if wagon is operated under the GCU
contract</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	WagonIdent
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
annotation	documentation For identification of a wagon after renumbering
source	<pre><xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of registration country
source	<pre><xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

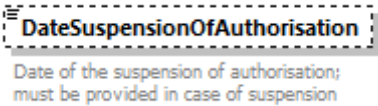
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)

source	<pre><xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element></pre>
--------	--

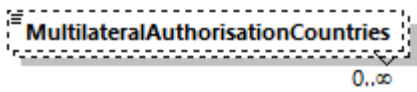
element **RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Information if authorisation has been suspended by the authority
source	<pre><xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element></pre>


element **RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of authorisation; must be provided in case of suspension
source	<pre><xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre>

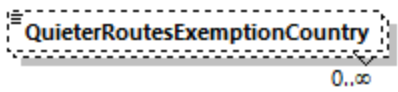
element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

diagram	 <p>ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc unbounded content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country									
source	<pre><xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element></pre>									


element **RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted**

diagram	 <p>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.
source	<pre><xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry**

diagram	 <p>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	minOcc 0 maxOcc unbounded content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant									
source	<pre><xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/AdministrativeDataSet/ECM**

diagram	 <p>Full name of the assigned Entity in Charge of Maintenance</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Full name of the assigned Entity in Charge of Maintenance						
source	<pre><xs:element name="ECM"> <xs:annotation> <xs:documentation> Full name of the assigned Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**


diagram	<p>The diagram shows a class PlannedChangeOfECM (indicated by a dashed border) containing two child elements: CurrentECMAssignedUntil (a date) and SubsequentECM (a string). The CurrentECMAssignedUntil element is annotated with the text: "Date until the current Entity in Charge of Maintenance is assigned to the wagon". The SubsequentECM element is annotated with the text: "Full name of the following Entity in Charge of Maintenance".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	CurrentECMAssignedUntil SubsequentECM
source	<pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil**

diagram	<p>The diagram shows a class CurrentECMAssignedUntil (indicated by a solid border) with the annotation: "Date until the current Entity in Charge of Maintenance is assigned to the wagon".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple

annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon
source	<pre><xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

diagram	 <p>Full name of the following Entity in Charge of Maintenance</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Full name of the following Entity in Charge of Maintenance						
source	<pre><xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>EINNumber ECMCertificateValidFrom ECMCertificateValidTo CoversTankWagonsForDangerousGoods CoversNonTankWagonsForDangerousGoods ECMCertificateSuspended DateECMCertificateSuspended</p>
<p>annotation</p>	<p>documentation ECM certificate information</p>
<p>source</p>	<pre> <xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation>ECM certificate information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

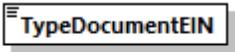
        </xs:annotation>
      </xs:element>
      <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric0-2"/>
      <xs:element name="EINYear" type="Numeric2-2"/>
      <xs:element name="EINCounter">
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="9999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ECMCertificateValidFrom" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid from date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateValidTo" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid to date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers tank wagons for dangerous
goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers other wagons specialised in
transport of dangerous goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Identification if certificate has been suspended
for any reason</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of the ECM certificate;
must be provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO TypeDocumentEIN CounterAcreditedRecognizedBody EINYear EINCounter</p>
<p>annotation</p>	<p>documentation ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p>
<p>source</p>	<pre> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAcreditedRecognizedBody" type="Numeric0-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN**

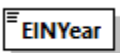
diagram	 Code List Candidate: 31, 34									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Code List Candidate: 31, 34									
source	<pre><xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element></pre>									

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognized Body

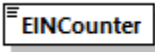
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric0-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>00</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	00		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	00									
maxInclusive	99									
source	<pre><xs:element name="CounterAcreditedRecognizedBody" type="Numeric0-2"/></pre>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									

source	<code><xs:element name="EINYear" type="Numeric2-2"/></code>
--------	---

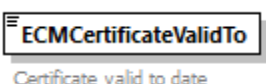
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9999									
source	<pre><xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Certificate valid from date
source	<pre><xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple

annotation	documentation Certificate valid to date
source	<pre><xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element></pre>


element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods


diagram	 <p>Certificate covers tank wagons for dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre><xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

element

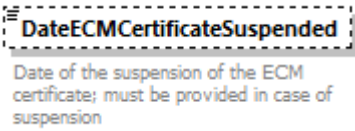
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods

diagram	 <p>Certificate covers other wagons specialised in transport of dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre><xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

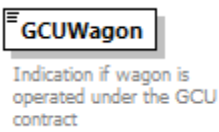
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

diagram	 <p>Identification if certificate has been suspended for any reason</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Identification if certificate has been suspended for any reason
source	<pre><xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended**

diagram	 <p>Date of the suspension of the ECM certificate; must be provided in case of suspension</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of the ECM certificate; must be provided in case of suspension
source	<pre><xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/GCUWagon**

diagram	 <p>Indication if wagon is operated under the GCU contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract

source	<pre><xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element></pre>
--------	--

children	<p>LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge ns1:WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase ns1:CouplingType BufferType ns1:NormalLoadingGauge MinCurveRadius MinVerticalRadius YardHump WagonWeightEmpty LengthOverBuffers MaxAxleWeight LoadTable MaxDesignSpeed AirBrake HandBrake DerailmentDetectionDevice BrakeBlock WagonTelematics MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection</p>
source	<pre> <xs:element name="DesignDataSet"> <xs:complexType> <xs:sequence> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"/> <xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WheelDiameter" minOccurs="0"/> <xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/> <xs:element ref="NumberOfBogies" minOccurs="0"> <xs:annotation> <xs:documentation>Number of bogies for a wagon (applies for bogie wagons only)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BogiePitch" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Largest distance between two adjacent bogie
    pitches in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent axles in
    mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Classification of buffer. The following values
    are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2
    (130), L2 (150), L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation> Minimum allowed curve radius due to design
    characteristics, measured in meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
    kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the wagon.
    When load tables are marked on the wagon the information must be provided in
    the RSRD message.
    Several load tables (international, product specific for LPG wagons and
    additional/country specific) can be specified by providing the element
    several times consecutively.
    For special wagons with specific load tables (e.g. heavy haul wagons) no
    load table need to be provided.
    The complete load table must be provided including the empty load row (if
    existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>

```

```

        <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ProductUNCode" type="Numeric4-4">
                <xs:annotation>
                    <xs:documentation>UN code of product if product
specific load table</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="ProductRIDName">
                <xs:annotation>
                    <xs:documentation> RID product name as written on the
folding panel</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>ISO country code of countries for
additional load tables</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Numeric speed in load table, without speed
empty in km/h</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element ref="LoadTableStars" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Number of load table stars. Currently
recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
        </xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="RouteClassPayloads" maxOccurs="unbounded">
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="RouteClass"/>
                <xs:element name="MaxPayload" maxOccurs="unbounded">

```



```

        <xs:annotation>
          <xs:documentation>Maximum payload in tons of line
category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:totalDigits value="4"/>
            <xs:fractionDigits value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
  <xs:annotation>
    <xs:documentation>Characteristics of hand brake</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
<xs:element name="BrakeBlock" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Characteristics of brake
blocks</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="BrakeBlockName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of the brake block type, including
the length in mm</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
        <xs:annotation>
          <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>

```

```

        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MaxLengthOfLoad" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadArea" minOccurs="0"/>
<xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Height of the loading plane when wagon is empty
measured in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfRemovableAccessories">
        <xs:annotation>
          <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher

```

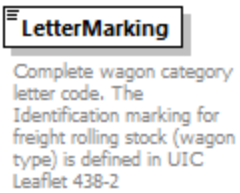
```

24 = Wheel scotches (for cars) on car-carrying wagon
25 = Gangway loading ramp on car-carrying wagon
26 = Metal cradles for rolls of metal sheeting
27 = Panel for covering markings
28 = Loading frame for special types of goods
29 = Headstock for "rolling roads"
99 = Other wagon accessories
</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="NumberOfAccessoriesOfSpecType" type="Numeric2-2">
    <xs:annotation>
      <xs:documentation>Number of specified accessory equipped on
the wagon</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LoadingCapacity" minOccurs="0"/>
<xs:element ref="MaxGrossWeight">
  <xs:annotation>
    <xs:documentation>Weight of max Gross Load Weight plus the tare
weight of the equipment in kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if tank wagon is equipped with a
vapour return system</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="FerryPermittedFlag" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Indication if wagon is permitted to be used on
ferries</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FerryRampAngle" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Maximum allowed angle of the ferry ramp (in
grades: °)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="3"/>
      <xs:fractionDigits value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="TemperatureRange" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:annotation>
        <xs:documentation>Temperature Range</xs:documentation>
      </xs:annotation>
      <xs:element ref="MaxTemp"/>
      <xs:element ref="MinTemp"/>
    </xs:sequence>
  </xs:complexType>

```

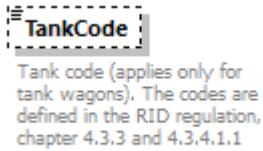
	<pre> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Restrictions relevant to wagon operations in train formation, yards or in trains due to design characteristics. Type will be the RestrictionCode instead of ForwardingRestrictionType, according to 920-13: annotation will carry the information that only the technical parameters are allowed to be used here. Only the code numbers should be in the annotation</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DateLastOverhaul"> <xs:annotation> <xs:documentation>Date of the last overhaul, if yet no overhaul date of putting into service</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OverhaulValidityPeriod"/> <xs:element ref="PermittedTolerance"/> <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **RollingStockDataset/DesignDataSet/LetterMarking**

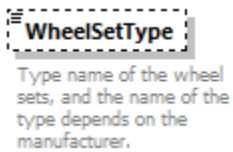
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>20</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	documentation Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2						
source	<pre> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The </pre>						

	<p>Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation></p> <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/TankCode**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>20</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	documentation Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1						
source	<pre> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **RollingStockDataset/DesignDataSet/WheelSetType**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation maxLength 256
annotation	documentation Type name of the wheel sets, and the name of the type depends on the manufacturer.
source	<pre><xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

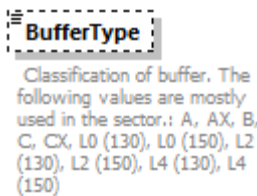
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Largest distance between two adjacent bogie pitches in mm
source	<pre><xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5
properties	content simple
facets	Kind Value Annotation minInclusive 1

	maxInclusive 99999
annotation	documentation Maximum distance between two adjacent axles in mm
source	<pre><xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/BufferType**

diagram	 <p>Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)
source	<pre><xs:element name="BufferType" minOccurs="0"> <xs:annotation> <xs:documentation> Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable**

<p>diagram</p>	<p>LoadTable 0..∞</p> <p>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).</p> <p>LoadTableProduct 0..∞</p> <p>Product description, only applies for product-specific load tables</p> <p>LoadTableCountry 0..∞</p> <p>ISO country code of countries for additional load tables</p> <p>SpeedCategory 1..∞</p> <p>Numeric speed in load table, without speed empty in km/h</p> <p>LoadTableStars 1..∞</p> <p>Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.</p> <p>RouteClassPayloads 1..∞</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>LoadTableProduct LoadTableCountry SpeedCategory ns1:LoadTableStars RouteClassPayloads</p>
<p>annotation</p>	<p>documentation Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).</p>
<p>source</p>	<pre><xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and</pre>

additional/country specific) can be specified by providing the element several times consecutively.

For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.

The complete load table must be provided including the empty load row (if existent).

```

</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="LoadTableProduct" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ProductUNCode" type="Numeric4-4">
            <xs:annotation>
              <xs:documentation>UN code of product if product specific load table</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="ProductRIDName">
            <xs:annotation>
              <xs:documentation> RID product name as written on the folding panel</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>ISO country code of countries for additional load tables</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="LoadTableStars" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Number of load table stars. Currently recognized values/codes:
        1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions
        2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

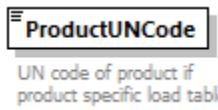
	<p>3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ProductUNCode ProductRIDName
annotation	documentation Product description, only applies for product-specific load tables
source	<pre> <xs:element name="LoadTableProduct" minOccurs="0"> <xs:annotation> <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ProductUNCode" type="Numeric4-4"> </pre>

	<pre> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric4-4									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation UN code of product if product specific load table									
source	<pre> <xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductRIDName**

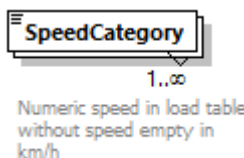
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple

facets	Kind Value Annotation maxLength 256
annotation	documentation RID product name as written on the folding panel
source	<pre> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of countries for additional load tables
source	<pre> <xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries for additional load tables</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5

properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Numeric speed in load table, without speed empty in km/h
source	<pre><xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	<p>The diagram shows a class RouteClassPayloads with a multiplicity of 1..∞. It contains a sequence of two elements: RouteClass and MaxPayload. RouteClass has a multiplicity of 1..∞ and is annotated with the text: "Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes." MaxPayload has a multiplicity of 1..∞ and is annotated with the text: "Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	ns1:RouteClass MaxPayload
source	<pre><xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"></pre>

	<pre> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	minOcc 1 maxOcc unbounded content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	documentation Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory									
source	<pre> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	DerailmentDetectionDevice						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>EDT 101</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EDT 101	
Kind	Value	Annotation					
enumeration	EDT 101						

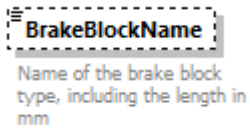
	enumeration MDV 100 enumeration Non coded device
source	<pre><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock**

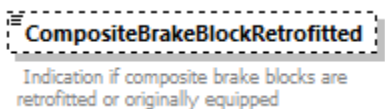
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate
annotation	documentation Characteristics of brake blocks
source	<pre><xs:element name="BrakeBlock" minOccurs="0"> <xs:annotation> <xs:documentation>Characteristics of brake blocks</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation></pre>

	<pre> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

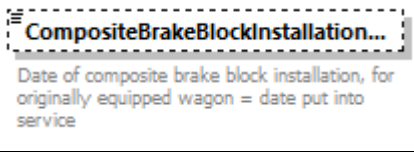
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Name of the brake block type, including the length in mm						
source	<pre> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

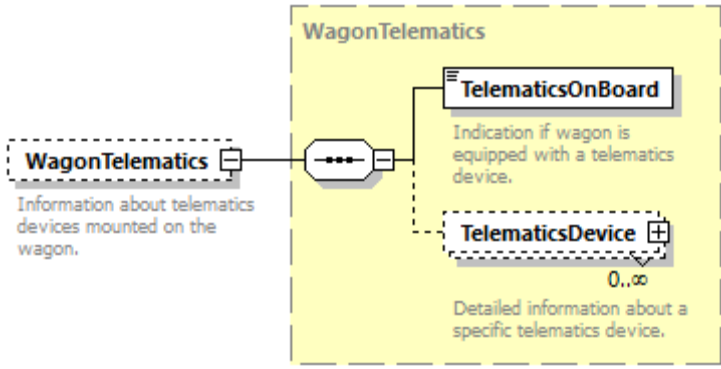
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
source	<pre> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted </pre>

	<pre> or originally equipped</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

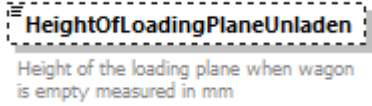
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of composite brake block installation, for originally equipped wagon = date put into service
source	<pre> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/WagonTelematics**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WagonTelematics
properties	minOcc 0 maxOcc 1 content complex
children	TelematicsOnBoard TelematicsDevice
annotation	documentation Information about telematics devices mounted on the wagon.
source	<pre> <xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Information about telematics devices mounted on the wagon.</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre></xs:annotation> </xs:element></pre>
--	---

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Height of the loading plane when wagon is empty measured in mm									
source	<pre><xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Height of the loading plane when wagon is empty measured in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

<p>diagram</p>	 <div data-bbox="746 297 1098 336" style="border: 1px solid black; padding: 2px;"> <p>TypeOfRemovableAccessories</p> </div> <p>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories <div data-bbox="746 1451 1114 1489" style="border: 1px solid black; padding: 2px;"> <p>NumberOfAccessorOfSpecType</p> </div> <p>Number of specified accessory equipped on the wagon</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>ns1:TypeOfRemovableAccessories NumberOfAccessorOfSpecType</p>
<p>source</p>	<pre><xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion</pre>

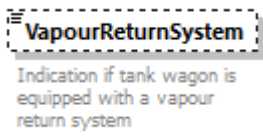
	<p>02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType**

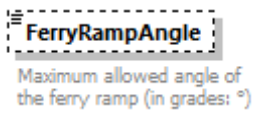
diagram	<p>NumberOfAccessorOfSpecType Number of specified accessory equipped on the wagon</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									

annotation	documentation Number of specified accessory equipped on the wagon
source	<pre><xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system
source	<pre><xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

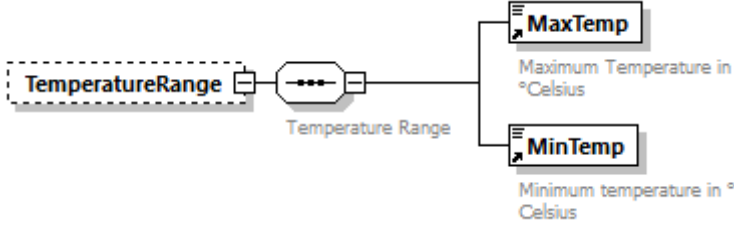
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>3</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	3		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	3									
fractionDigits	2									
annotation	documentation Maximum allowed angle of the ferry ramp (in grades: °)									
source	<pre><xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

```

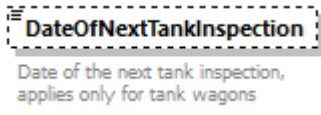
<xs:restriction base="xs:decimal">
  <xs:totalDigits value="3"/>
  <xs:fractionDigits value="2"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	MaxTemp MinTemp
source	<pre> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the next tank inspection, applies only for tank wagons
source	<pre> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </pre>

```
</xs:element>
```

element **RollingStockDatasetMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader RollingStockDataset RefusedWagonNumbers
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre><xs:element name="RollingStockDatasetMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RollingStockDataset" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RollingStockDatasetMessage/RefusedWagonNumbers**

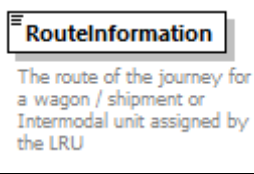
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	WagonNumberFreight ns1: RefusalCode KeeperShortNameVKM
source	<pre><xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RollingStockDatasetQueryMessage**

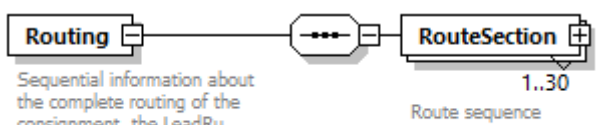
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader WagonNumberFreight
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre><xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element RouteInformation

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU									
source	<pre> <xs:element name="RouteInformation" type="FreeText"> <xs:annotation> <xs:documentation>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</xs:documentation> </xs:annotation> </xs:element> </pre>									

element Routing

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RouteSection
used by	element WagonStatusMessages/WagonStatusMessage
annotation	documentation Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not
source	<pre> <xs:element name="Routing"> <xs:annotation> <xs:documentation>Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

```

<xs:element name="RouteSection" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element name="RouteCode">
          <xs:annotation>
            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="5"/>
              <xs:pattern value="\d*[1-9]\d*0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="RouteText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="80"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

element **Routing/RouteSection**

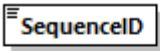
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 30 content complex
children	SequenceID RouteCode RouteText
annotation	documentation Route sequence
source	<pre> <xs:element name="RouteSection" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

```


        <xs:maxLength value="80"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **Routing/RouteSection/SequenceID**


diagram	 <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:int
properties	content simple
annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Routing/RouteSection/RouteCode**

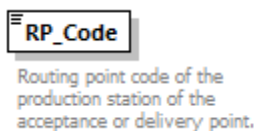
diagram	 <p>Route code (International RouteCode)</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>5</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*0</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	5		pattern	\d*[1-9]\d*0	
Kind	Value	Annotation								
length	5									
pattern	\d*[1-9]\d*0									
annotation	documentation Route code (International RouteCode)									
source	<pre> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> </pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **Routing/RouteSection/RouteText**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>80</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	documentation Description of the specific route section									
source	<pre> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RP_Code**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint ProductionStation						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						

annotation	documentation Routing point code of the production station of the acceptance or delivery point.
source	<pre> <xs:element name="RP_Code"> <xs:annotation> <xs:documentation>Routing point code of the production station of the acceptance or delivery point. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RU_Partner**

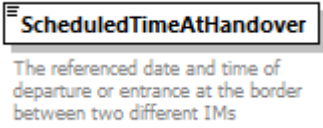
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Railway Undertaking												
source	<pre> <xs:element name="RU_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **ScheduledDateTimeAtTransfer**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier
annotation	documentation The referenced date and time of arrival or exit at the border between two different IMs

source	<pre><xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"> <xs:annotation> <xs:documentation>The referenced date and time of arrival or exit at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **ScheduledTimeAtHandover**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier
annotation	documentation The referenced date and time of departure or entrance at the border between two different IMs
source	<pre><xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"> <xs:annotation> <xs:documentation>The referenced date and time of departure or entrance at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element></pre>

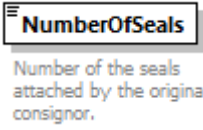
element **ScheduledTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
source	<pre><xs:element name="ScheduledTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</xs:documentation> </xs:annotation> </xs:element></pre>

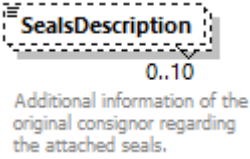
element **Seals**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfSeals SealsDescription
used by	elements ILU Details ITU Details Wagons/WagonDetails
annotation	documentation Describes the seals used for the consignment
source	<pre> <xs:element name="Seals"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Seals/NumberOfSeals**

diagram	 <p>Number of the seals attached by the original consignor.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		totalDigits	2	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	2									
annotation	documentation Number of the seals attached by the original consignor.									
source	<pre> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Seals/SealsDescription**

diagram	 <p>0..10 Additional information of the original consignor regarding the attached seals.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>10</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	10	content	simple			
minOcc	0									
maxOcc	10									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation Additional information of the original consignor regarding the attached seals.									
source	<pre> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>									

```

<xs:maxLength value="10"/>
<xs:minLength value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element Sender

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5					
type	extension of CompanyCode					
properties	content complex					
used by	element MessageHeader					
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation documentation
	CI_InstanceNumber	Numeric2-2				Number of a Common Interface Instance for the same Company
annotation	documentation The sender of the message					
source	<pre> <xs:element name="Sender"> <xs:annotation> <xs:documentation>The sender of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>					

element SenderReference

diagram	
---------	--

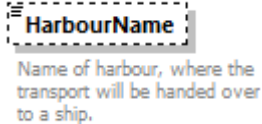
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element MessageHeader									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation reference used by the sender (e.g. FTP file name)									
source	<pre><xs:element name="SenderReference" type="FreeText"> <xs:annotation> <xs:documentation>reference used by the sender (e.g. FTP file name)</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Ship**

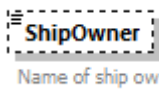
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	VesselIndication HarbourName ShipOwner
used by	elements ILU Details ITU Details Wagons/WagonDetails
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<pre><xs:element name="Ship"> <xs:annotation> <xs:documentation>Additional information for transports, which shall be handed over to a ship</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselIndication"/> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

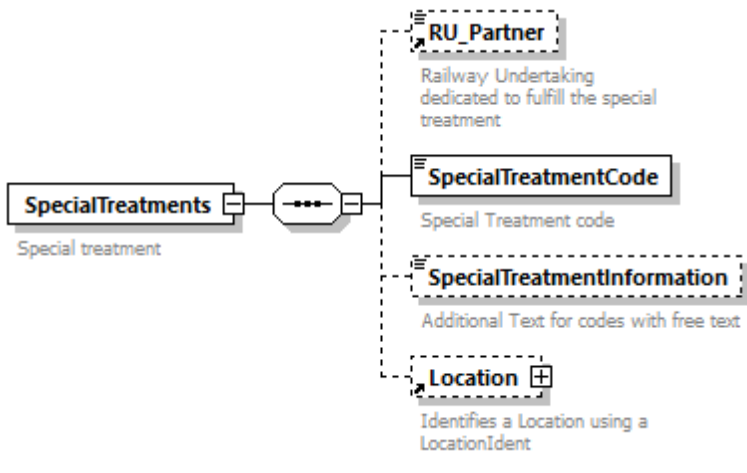
element **Ship/HarbourName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of harbour, where the transport will be handed over to a ship.									
source	<pre> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Ship/ShipOwner**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of ship owner.									
source	<pre> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **SpecialTreatments**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RU Partner SpecialTreatmentCode SpecialTreatmentInformation Location
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
annotation	documentation Special treatment
source	<pre> <xs:element name="SpecialTreatments"> <xs:annotation> </pre>

```

<xs:documentation>Special treatment</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="RU_Partner" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Railway Undertaking dedicated to fulfill the
special treatment</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpecialTreatmentCode">
      <xs:annotation>
        <xs:documentation>Special Treatment code</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="2"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SpecialTreatmentInformation" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="40"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

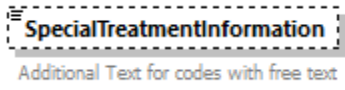
```

element **SpecialTreatments/SpecialTreatmentCode**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>2</td> <td></td> </tr> </table>	Kind	Value	Annotation	length	2	
Kind	Value	Annotation					
length	2						
annotation	documentation Special Treatment code						
source	<pre> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> <xs:simpleType> </pre>						

	<pre> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **SpecialTreatments/SpecialTreatmentInformation**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>40</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	40	
Kind	Value	Annotation								
minLength	1									
maxLength	40									
annotation	documentation Additional Text for codes with free text									
source	<pre> <xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **SRID**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	content simple						
used by	element GeographicCoordinates						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}	
Kind	Value	Annotation					
pattern	[0-9]{4}						
annotation	documentation ID of coordinates system used (EPSG code)						
source	<pre> <xs:element name="SRID"> <xs:annotation> </pre>						

	<pre> <xs:documentation>ID of coordinates system used (EPSG code)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="[0-9]{4}" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **StartDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType
annotation	documentation The start of the date/time in effect
source	<pre> <xs:element name="StartDate" type="xs:date"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element> </pre>

element **StartDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The start of the date/time in effect
source	<pre> <xs:element name="StartDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element> </pre>

element **StartLocation**

diagram	<p>The diagram shows the StartLocation element (Starting point of section or segment) connected to the LocationIdent complex type. The LocationIdent type contains the following elements:</p> <ul style="list-style-type: none"> CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Starting point of section or segment
source	<pre><xs:element name="StartLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Starting point of section or segment</xs:documentation> </xs:annotation> </xs:element></pre>

element **Station**

diagram	<p>The diagram shows the Station element (Details of station serving the point) connected to the LocationIdent (extension) complex type. The LocationIdent (extension) type contains the following elements:</p> <ul style="list-style-type: none"> CountryCodeISO: Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of station serving the point
source	<pre> <xs:element name="Station"> <xs:annotation> <xs:documentation>Details of station serving the point</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **StatusOfDocument**

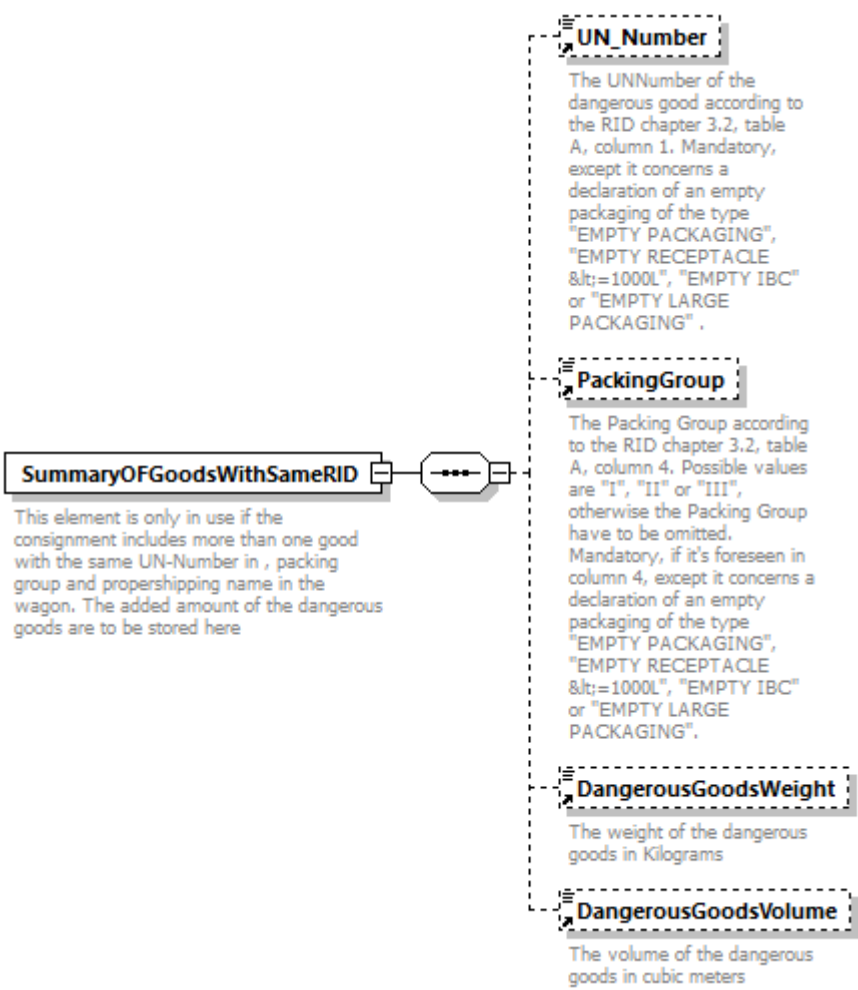
diagram	 <p>Enumerated value for the status of the attached document</p> <p>1 = not electronical attached</p> <p>2 embedded in ECTD, ECN or PCN ...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
used by	element ConsignmentOrderMessage/COMS/COM/AttachedDocuments									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	2		enumeration	1	
Kind	Value	Annotation								
enumeration	2									
enumeration	1									
annotation	documentation Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN									
source	<pre> <xs:element name="StatusOfDocument"> <xs:annotation> <xs:documentation> Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN </xs:documentation> </xs:annotation> </xs:element> </pre>									

```

</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="2"/>
    <xs:enumeration value="1"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

element **SummaryOfGoodsWithSameRID**

<p>diagram</p>	 <p>UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>PackingGroup The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerousGoodsWeight The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume The volume of the dangerous goods in cubic meters</p> <p>SummaryOfGoodsWithSameRID This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>UN_Number ns1:PackingGroup DangerousGoodsWeight DangerousGoodsVolume</p>
<p>used by</p>	<p>elements ILU ITU RollingRoadUnit Wagons</p>
<p>annotation</p>	<p>documentation This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</p>
<p>source</p>	<pre> <xs:element name="SummaryOfGoodsWithSameRID"> <xs:annotation> <xs:documentation>This element is only in use if the consignment </pre>

includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here</xs:documentation>

```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="UN_Number" minOccurs="0"/>
    <xs:element ref="PackingGroup" minOccurs="0"/>
    <xs:element ref="DangerousGoodsWeight" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="DangerousGoodsVolume" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

element **TechnicalForwardingRestrictions**

diagram	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>TechnicalForwardingRestrictions</p> </div> <p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-</p> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes.</p> <p>In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.</p> <p style="text-align: right;">F =</p> <p>Freight P = Passenger T = Technical D = Damage L = Load</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">F or P</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td style="text-align: right;">T</td> </tr> <tr> <td>D 07</td> <td>L F</td> <td>Shunt only when hand brake operable with ground staff</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">x x</td> </tr> <tr> <td>11</td> <td>F</td> <td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">x</td> </tr> <tr> <td>12</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td> </tr> <tr> <td>13</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 17,50 metres</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">x</td> </tr> <tr> <td>15</td> <td>F</td> <td>Wagon not allowed over the hump</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">x x x</td> </tr> <tr> <td>16</td> <td>F</td> <td>Do not fly shunt or gravity shunt (3 red triangles)</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">x...</td> </tr> </tbody> </table>	Code	F or P	Description			T	D 07	L F	Shunt only when hand brake operable with ground staff			x x	11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres			x	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres	13	F	Bogie wagon with distance between wheels of more than 17,50 metres			x	15	F	Wagon not allowed over the hump			x x x	16	F	Do not fly shunt or gravity shunt (3 red triangles)			x...
Code	F or P	Description																																						
		T																																						
D 07	L F	Shunt only when hand brake operable with ground staff																																						
		x x																																						
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres																																						
		x																																						
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres																																						
13	F	Bogie wagon with distance between wheels of more than 17,50 metres																																						
		x																																						
15	F	Wagon not allowed over the hump																																						
		x x x																																						
16	F	Do not fly shunt or gravity shunt (3 red triangles)																																						
		x...																																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																							

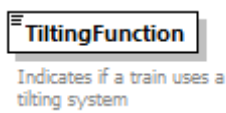
type	ns1:RestrictionCodes		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	Kind	Value	Annotation
	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
	enumeration	08	documentation F - Tank wagon loaded with liquid
	enumeration	09	documentation F - Wagon loaded with people
	enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres
	enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
	enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
	enumeration	15	documentation F - Wagon not allowed over the hump
	enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
	enumeration	18	documentation F - Must not use active braking equipment
	enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
	enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
	enumeration	31	documentation P (+F) - Braking system fault
	enumeration	32	documentation P (+F) - Wheelset, bogie fault
	enumeration	33	documentation P (+F) - Headlighting or back lighting fault
	enumeration	34	documentation P (+F) - Front glass broken
	enumeration	35	documentation P (+F) - Horn fault
	enumeration	36	documentation P (+F) - Radio fault
	enumeration	37	documentation P (+F) - Energy supply fault
	enumeration	38	documentation P (+F) - Traction or motor fault
	enumeration	39	documentation P - Access door fault
	enumeration	41	documentation F - Place this wagon at the front of the train
	enumeration	42	documentation F - Place this wagon at the rear of the train
	enumeration	50	documentation P (+F) - Speed restriction
	enumeration	52	documentation P (+F) - Diesel locomotive instead of electric locomotive
	enumeration	61	documentation F - Wagon forming part of a consignment of several wagons
	enumeration	62	documentation F - Wagon forming part of a group of wagons from which it must not be separated
	enumeration	63	documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
	enumeration	68	documentation

	enumeration 70	F - First or last wagon of a wagon group from which it must not be separated documentation																																																												
	enumeration 71	F - Shunt with care (1 red triangle) documentation																																																												
	enumeration 90	F - Shunt with special care (2 red triangle) documentation																																																												
	enumeration 91	P - Train planned with passengers operated without passengers documentation																																																												
	enumeration 92	P - Train planned without passengers operated with passengers documentation																																																												
	enumeration 94	P - Train planned with hauled rolling stock and operated without any coaches (light engine) documentation																																																												
	enumeration 99	F - Gas carrying wagon without orange side stripe documentation																																																												
		P - Other																																																												
annotation	documentation	<p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-</p> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes.</p> <p>In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.</p> <p style="text-align: right;">F = Freight</p> <p>P = Passenger T = Technical D = Damage L = Load</p> <table border="1"> <thead> <tr> <th>Code</th> <th>F or P</th> <th>Description</th> <th>T</th> <th>D</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>07</td> <td>F</td> <td>Shunt only when hand brake operable with ground staff</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>F</td> <td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>12</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>13</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 17,50 metres</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>F</td> <td>Wagon not allowed over the hump</td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>F</td> <td>Do not fly shunt or gravity shunt (3 red triangles)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>F</td> <td>Must not use active braking equipment</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>25</td> <td>F</td> <td>Gas carrying tank wagon with orange side stripe</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>41</td> <td>F</td> <td>Place this wagon at the front of the train</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Code	F or P	Description	T	D	L	07	F	Shunt only when hand brake operable with ground staff				11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres			x	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres			x	13	F	Bogie wagon with distance between wheels of more than 17,50 metres				15	F	Wagon not allowed over the hump				16	F	Do not fly shunt or gravity shunt (3 red triangles)				18	F	Must not use active braking equipment			x	25	F	Gas carrying tank wagon with orange side stripe			x	41	F	Place this wagon at the front of the train			
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	42	x F	x Place this wagon at the rear of the train	x
	63	x F (+P)	x Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x x
	70	F	Shunt with care (1 red triangle)	
	71	F	Shunt with special care (2 red triangle)	x x x
	94	x F	x Gas carrying wagon without orange side stripe	x
source	<pre><xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"> <xs:annotation> <xs:documentation>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- All codes of Transport restrictions for Freight Traffic (cf. UIC 920- 13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element. F = Freight P = Passenger T = Technical D = Damage L = Load Code F or P Description T D L 07 F Shunt only when hand brake operable with ground staff x x 11 F Wagon other than bogie wagon with wheelbase of more than 9 metres x 12 F Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres x 13 F Bogie wagon with distance between wheels of more than 17,50 metres x 15 F Wagon not allowed over the hump x x x x x x</pre>			

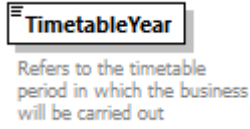
16	F	Do not fly shunt or gravity shunt (3 red triangles)
18	F	<p style="text-align: center;">x x x</p> Must not use active braking equipment
25	F	<p style="text-align: center;">x</p> Gas carrying tank wagon with orange side stripe
41	F	<p style="text-align: center;">x</p> Place this wagon at the front of the train
42	F	<p style="text-align: center;">x x x</p> Place this wagon at the rear of the train
63	F (+P)	<p style="text-align: center;">x x x</p> Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
70	F	<p style="text-align: center;">x x</p> Shunt with care (1 red triangle)
71	F	<p style="text-align: center;">x x x</p> Shunt with special care (2 red triangle)
94	F	<p style="text-align: center;">x x x</p> Gas carrying wagon without orange side stripe
		<p style="text-align: center;">x</p> </xs:documentation> </xs:annotation> </xs:element>

element **TiltingFunction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates if a train uses a tilting system
source	<pre><xs:element name="TiltingFunction" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a train uses a tilting</pre>

	<pre> system</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **TimetableYear**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>2012</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>2097</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	2012		maxInclusive	2097	
Kind	Value	Annotation								
minInclusive	2012									
maxInclusive	2097									
annotation	documentation Refers to the timetable period in which the business will be carried out									
source	<pre> <xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TimingAtLocation**

<p>diagram</p>	 <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Timing DwellTime</p>
<p>used by</p>	<p>elements AssociatedAttachedTimingAtLocation PlannedJourneyLocation</p>
<p>annotation</p>	<p>documentation Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p>
<p>source</p>	<pre><xs:element name="TimingAtLocation"> <xs:annotation> <xs:documentation>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</pre>

```

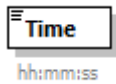
        </xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
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      <xs:complexType>
        <xs:sequence>
          <xs:element name="Time">
            <xs:annotation>
              <xs:documentation>hh:mm:ss</xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:simpleContent>
                <xs:extension base="xs:time"/>
              </xs:simpleContent>
            </xs:complexType>
          </xs:element>
          <xs:element ref="Offset">
            <xs:annotation>
              <xs:documentation>in days</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
        </xs:sequence>
        <xs:attribute ref="TimingQualifierCode"/>
      </xs:complexType>
    </xs:element>
    <xs:element ref="DwellTime" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **TimingAtLocation/Timing**

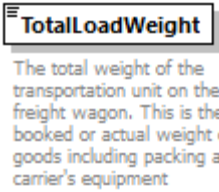
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>Time Offset BookedLocationDateTime</p>

attributes	Name	Type	Use	Default	Fixed	Annotation
	TimingQualifierCode	derived by: xs:token				
source	<pre> <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element> </pre>					


element **TimingAtLocation/Timing/Time**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of xs:time
properties	content complex
annotation	documentation hh:mm:ss
source	<pre> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> </pre>

element **TotalLoadWeight**

diagram	 <p>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	element WagonOperationalData												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment												
source	<pre><xs:element name="TotalLoadWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TotalWeight**

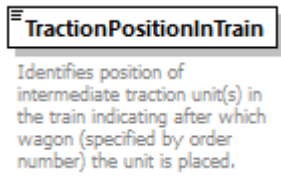
diagram	 <p>Total weight of the loaded wagon [kg].</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements Wagons/WagonDetails WagonInformation												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the loaded wagon [kg].												
source	<pre><xs:element name="TotalWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loaded wagon [kg]. </xs:documentation> </xs:annotation> </xs:element></pre>												

element **TractionDetails**

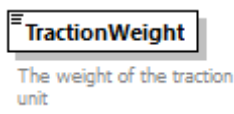
<p>diagram</p>	<p>TractionDetails Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p> <p>LocoTypeNumber Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p> <p>TypeOfUsedHybridPowerunit Indication of type of power unit of a hybrid loco which is used; it has be filled only mandatory in case of hybrid locomotive</p> <p>TractionMode Identifies the mode of deployment of a traction unit within a train</p> <p>TractionWeight Check with group to see if it is for sum or individual - check TAP</p> <p>Length Length in millimetres - Used for TAP</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LocoTypeNumber ns1:TypeOfUsedHybridPowerunit ns1:TractionMode TractionWeight Length</p>
<p>used by</p>	<p>element PlannedTrainTechnicalData</p>
<p>annotation</p>	<p>documentation Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p>
<p>source</p>	<pre><xs:element name="TractionDetails"> <xs:annotation> <xs:documentation>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocoTypeNumber"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"> <xs:annotation> <xs:documentation>Indication of type of power unit of a hybrid loco which is used; it has be filled only mandatory in case of hybrid locomotive</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionMode" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction unit within a train</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:annotation> </xs:element> <xs:element ref="TractionWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Check with group to see if it is for sum or individual - check TAP</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Length" minOccurs="0"> <xs:annotation> <xs:documentation>Length in milimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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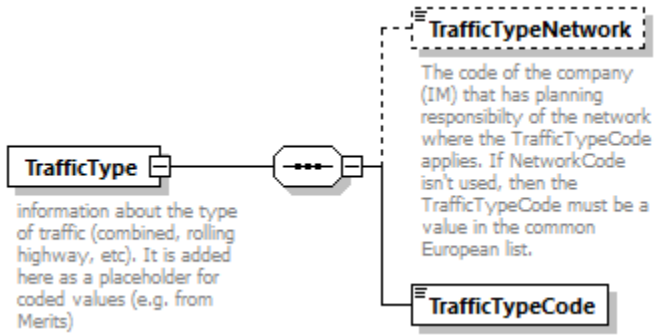
element **TractionPositionInTrain**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainCompositionJourneySection/LocIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.									
source	<pre> <xs:element name="TractionPositionInTrain"> <xs:annotation> <xs:documentation>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TractionWeight**

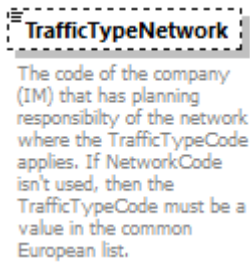
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WeightValueTonne									
properties	content simple									
used by	element TractionDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The weight of the traction unit									
source	<pre><xs:element name="TractionWeight" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The weight of the traction unit</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrafficType**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrafficTypeNetwork TrafficTypeCode
used by	element PlannedTrainData
annotation	documentation information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)
source	<pre><xs:element name="TrafficType"> <xs:annotation> <xs:documentation>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"></pre>

	<pre> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrafficTypeCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrafficType/TrafficTypeNetwork**

diagram	 <p>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.												
source	<pre> <xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **TrafficType/TrafficTypeCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
source	<pre> <xs:element name="TrafficTypeCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TrainActivity**

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px;"> <p>TrainActivityType</p> <p>Indicates certain treatments or operations required for a train. A TrainActivityType is used, the first 2 position will be the TSI country code, followed by 00-99.</p> <p>0001 Commercial stop RU1 Board/leave train 0002 Operational stop 0003 Stop needed by the DT (e.g. overpassing by another train) 0005 Service stop RU124 Stop when you need to reposition your activities (e.g. boarding of staff) 0006 Train stop RU124 Informing the RU to change a certain sign, signalling system, safety system 0007 Assisting stop RU124 Help to enable train unit to go to the opposite direction (without change of direction) 0008 Assist for reversing train or driver change with RU 0009 Assist for changing direction (with same engine or train and change of dir) 0007 Train stop RU124 Help to enable train unit to go to the opposite direction (with same engine at the other end of the train) 0008 Technical check/operation RU124 e.g. change of intermediate brake bar, checking load 0009 Change aspect RU124 connection on a network with a change of direction or adaptation of the line (e.g. 2x2 to 2x1) 0010 Attach engine RU124 Attach engine to train 0011 Detach engine RU124 Detach engine to another train 0012 Change engine RU124 Change engine 0013 Attach coach/wagon RU124 Attach coach/wagon 0014 Detach coach/wagon RU124 Detach coach/wagon 0015 Attach train RU124 Attach train to service 0016 Detach train RU124 Detach train from service 0017 Parking of vehicle RU124 e.g. need to park for several hours 0018 Relational service RU124 Shunting RU124 Shunting service RU124 Relaying of the line (by the DT or a third party) 0021 Transporting RU124 Transporting material in the meaning of the agreement RU124 Relaying of service at the end of a train or DT offered by the DT or a third party 0022 Last driver change RU124 Last driver change RU124 Last driver change RU124 Last driver change 0025 One change RU124 Allow for last change of the train & position with the next 0026 Change RU124 Change of train 0027 Boarding only RU124 Boarding only 0028 Stop on request RU124 Stop on request 0029 Train stop RU124 Train stop 0030 Train stop RU124 Train stop 0031 Train stop RU124 Train stop 0032 Train stop RU124 Train stop 0033 Train stop RU124 Train stop 0034 Train stop RU124 Train stop 0035 Train stop RU124 Train stop 0036 Train stop RU124 Train stop 0037 Train stop RU124 Train stop 0038 Train stop RU124 Train stop 0039 Train stop RU124 Train stop 0040 Train stop RU124 Train stop 0041 Train stop RU124 Train stop 0042 Train stop RU124 Train stop 0043 Train stop RU124 Train stop 0044 Train stop RU124 Train stop 0045 Train stop RU124 Train stop 0046 Train stop RU124 Train stop 0047 Train stop RU124 Train stop 0048 Train stop RU124 Train stop 0049 Train stop RU124 Train stop 0050 Train stop RU124 Train stop 0051 Train stop RU124 Train stop 0052 Train stop RU124 Train stop 0053 Train stop RU124 Train stop 0054 Train stop RU124 Train stop 0055 Train stop RU124 Train stop 0056 Train stop RU124 Train stop 0057 Train stop RU124 Train stop 0058 Train stop RU124 Train stop 0059 Train stop RU124 Train stop 0060 Train stop RU124 Train stop 0061 Train stop RU124 Train stop 0062 Train stop RU124 Train stop 0063 Train stop RU124 Train stop 0064 Train stop RU124 Train stop 0065 Train stop RU124 Train stop 0066 Train stop RU124 Train stop 0067 Train stop RU124 Train stop 0068 Train stop RU124 Train stop 0069 Train stop RU124 Train stop 0070 Train stop RU124 Train stop 0071 Train stop RU124 Train stop 0072 Train stop RU124 Train stop 0073 Train stop RU124 Train stop 0074 Train stop RU124 Train stop 0075 Train stop RU124 Train stop 0076 Train stop RU124 Train stop 0077 Train stop RU124 Train stop 0078 Train stop RU124 Train stop 0079 Train stop RU124 Train stop 0080 Train stop RU124 Train stop 0081 Train stop RU124 Train stop 0082 Train stop RU124 Train stop 0083 Train stop RU124 Train stop 0084 Train stop RU124 Train stop 0085 Train stop RU124 Train stop 0086 Train stop RU124 Train stop 0087 Train stop RU124 Train stop 0088 Train stop RU124 Train stop 0089 Train stop RU124 Train stop 0090 Train stop RU124 Train stop 0091 Train stop RU124 Train stop 0092 Train stop RU124 Train stop 0093 Train stop RU124 Train stop 0094 Train stop RU124 Train stop 0095 Train stop RU124 Train stop 0096 Train stop RU124 Train stop 0097 Train stop RU124 Train stop 0098 Train stop RU124 Train stop 0099 Train stop RU124 Train stop</p> </div>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>TrainActivityType</p>

properties	content complex
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField
used by	elements TrainRunningData/Activities PlannedJourneyLocation
annotation	documentation Since the activities can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.
source	<pre><xs:element name="TrainActivity" type="TrainActivityType"> <xs:annotation> <xs:documentation>Since the activities can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainActivityType**

<p>diagram</p>	<p>TrainActivityType</p> <p>Indicates certain treatments or operations required for a train. If national codes are used, the first 3 positions will be the ISO country code, followed by 00-99.</p> <p>0001 Commercial stop RUJ Board/Disembark passenger train, local/intercity freight train 0002 Operational stop IM 0003 Service stop RUJIM 0004 System stop RUJIM 0005 Reversing stop RUJIM 0006 Reversing stop or driver change ends RUJ 0007 Stop for locomotive to not round train RUJ 0008 Technical check/inspection coach/wagon RUJIM 0009 Change gauge RUJIM 0010 attach engine/unit RUJ 0011 detach engine/unit RUJ 0012 charge engine RUJ 0013 attach coach/wagon RUJ 0014 detach coach/wagon RUJ 0015 attach and detach coach/wagon RUJ 0016 Attach train Operational Train (in service) with train Operational Train (in service) 0018 Parking of vehicle RUJ 0019 Multiportal services RUJ 0020 shunting RUJ 0021 shunting service RUJ 0022 Terminal service (terminal in the meaning of final destination) RUJ 0023 loco driver change RUJ 0024 loco driver break RUJ 0025 Clean train RUJ 0026 Custom and passport facility RUJ 0027 Other stop reason (miscellaneous) RUJIM 0028 Boarding only RUJ 0029 Disembarking only RUJ 0030 Stop on request RUJ 0031 Departure equals to arrival time RUJ 0032 Departure after disembarking RUJ 0033 No waiting for connection RUJ 0034 Waiting RUJ 0035 Heating RUJ 0036 Cleaning RUJ 0037 Treatment on plants and fire animals RUJ 0038 Treatment of perishable goods RUJ 0039 Administrative operations RUJ 0040 Run Through (Passing Time) IM 0041 Photo-synch / Photo-stop 0042 Train Waiting 0043 Train running with another train RUJ 0044 Dependency between trains (passenger/goods) RUJ 0045 Dependency between trains (passenger/goods) RUJ 0046 Dependency between trains (passenger/goods) RUJ 0047 Dependency between trains (passenger/goods) RUJ 0048 Linkage of OTNs belonging to the same transport if no TrainID is given 0049 Loco battery charging 0050 National / company codes 0051 Examples 0052 0053 0054 0055 0056 0057 0058 0059 0060 0061 0062 0063 0064 0065 0066 0067 0068 0069 0070 0071 0072 0073 0074 0075 0076 0077 0078 0079 0080 0081 0082 0083 0084 0085 0086 0087 0088 0089 0090 0091 0092 0093 0094 0095 0096 0097 0098 0099</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>

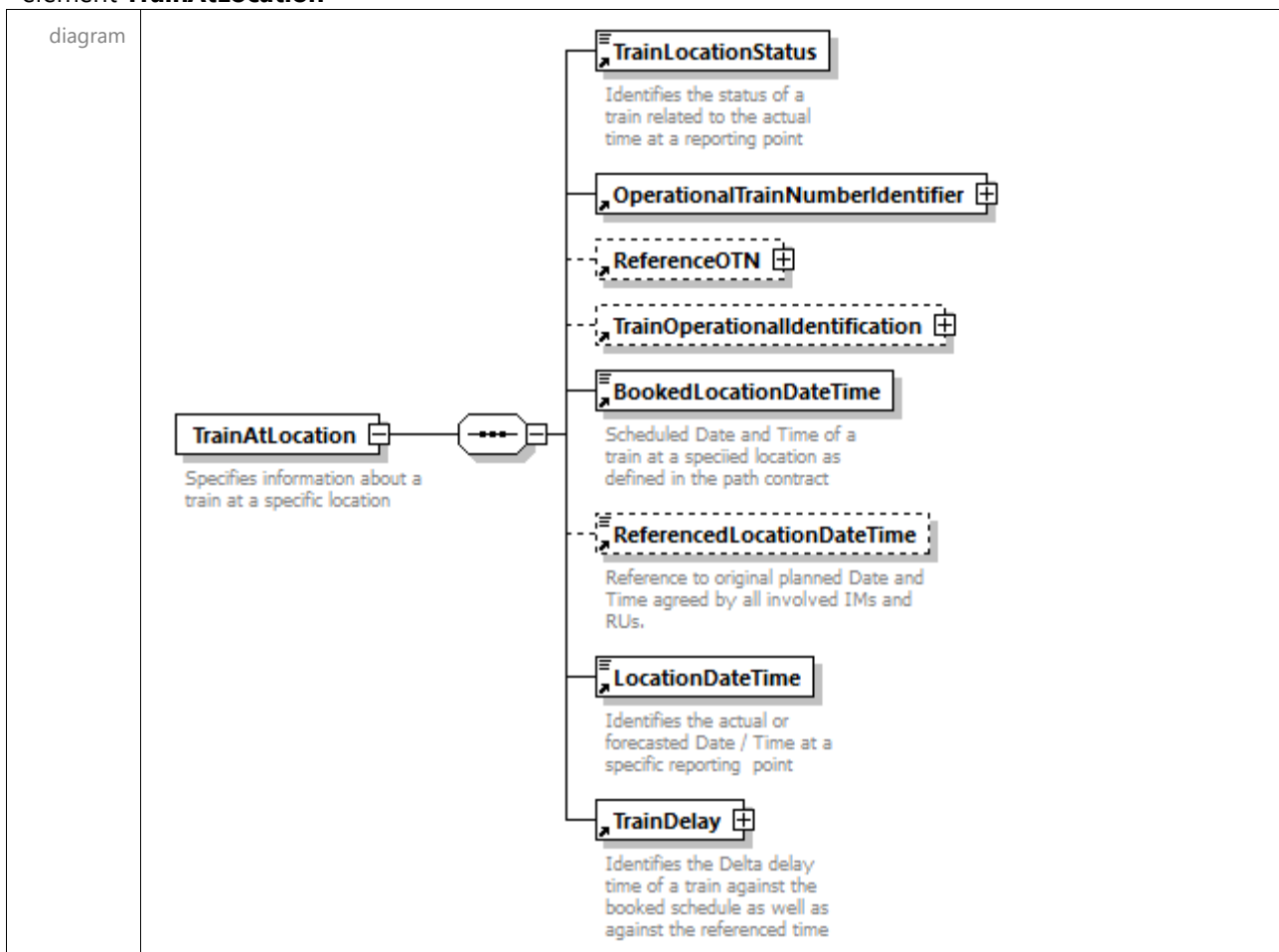
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0018	Parking of vehicle	RU	e.g. need to park the train/composition midway for several hours
0019	Mail/parcel services	RU	
0020	shunting	RU	actual activity of shunting
0021	shunting service	RU	Request for shunting service (if offered by the IM or a third party)
0022	Terminal service (terminal in the meaning of final destination)	RU	Request for services at the end of a train run (if offered by the IM or a third party)
0023	Loco driver change	RU	
0024	Loco driver break	RU	legal issue, e.g. to respect working law
0025	Crew change	RU	different to loco driver change as for the change of the crew a platform will be needed
0026	Custom and passport facilities	RU	
0027	Other stop reason (miscellaneous)	RU/IM	
0028	Boarding only	RU	
0029	Disembarking only	RU	
0030	Stop on request	RU	
0031	Departure equals to arrival time	RU	If in some stations only arrival times are published, this activity code may used to indicate that the train cannot continue before the published arrival time in case of an early arrival.
0032	Departure after disembarking	RU	mainly used at the end of train run, train may continue as soon as all passengers have disembarked
0033	No waiting for connection	RU	
0034	Watering	RU	Indicates the IM that a track with water access will be needed.
0035	Heating	RU	Indicates the IM that a track with heating equipment will be needed.
0036	Cleaning / disinfecting	RU	
0037	Treatment on plants and live animals	RU	Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps
0038	Treatment of perishable goods	RU	Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off
0039	Administrative operations	RU	Weighing, Re-forwarding, Submission to phytosanitary inspections
0040	Run Through (Passing Time)	IM	
0041	Photo run-by / Photo-stop		
0042	Train Waiting		Waiting according to local rules
0043	Train running with another train	RU	Where trains have been attached at a previous location on the schedule
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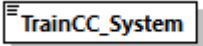
element **TrainAtLocation**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainLocationStatus OperationalTrainNumberIdentifier ReferenceOTN TrainOperationalIdentification BookedLocationDateTime ReferencedLocationDateTime LocationDateTime TrainDelay
used by	element TrainForecastAtReportingLocationMessage
annotation	documentation Specifies information about a train at a specific location
source	<pre> <xs:element name="TrainAtLocation"> <xs:annotation> </pre>

	<pre> <xs:documentation>Specifies information about a train at a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainLocationStatus"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="BookedLocationDateTime"/> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainDelay"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **TrainCC_System**

diagram	 <p>Identifies the command control system of the train in coded values.</p>																																																																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																																		
type	ns1:TrainCC_SystemCode																																																																		
properties	content simple																																																																		
used by	elements PlannedTrainTechnicalData TrainRunningTechData																																																																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19		enumeration	20		enumeration	21	
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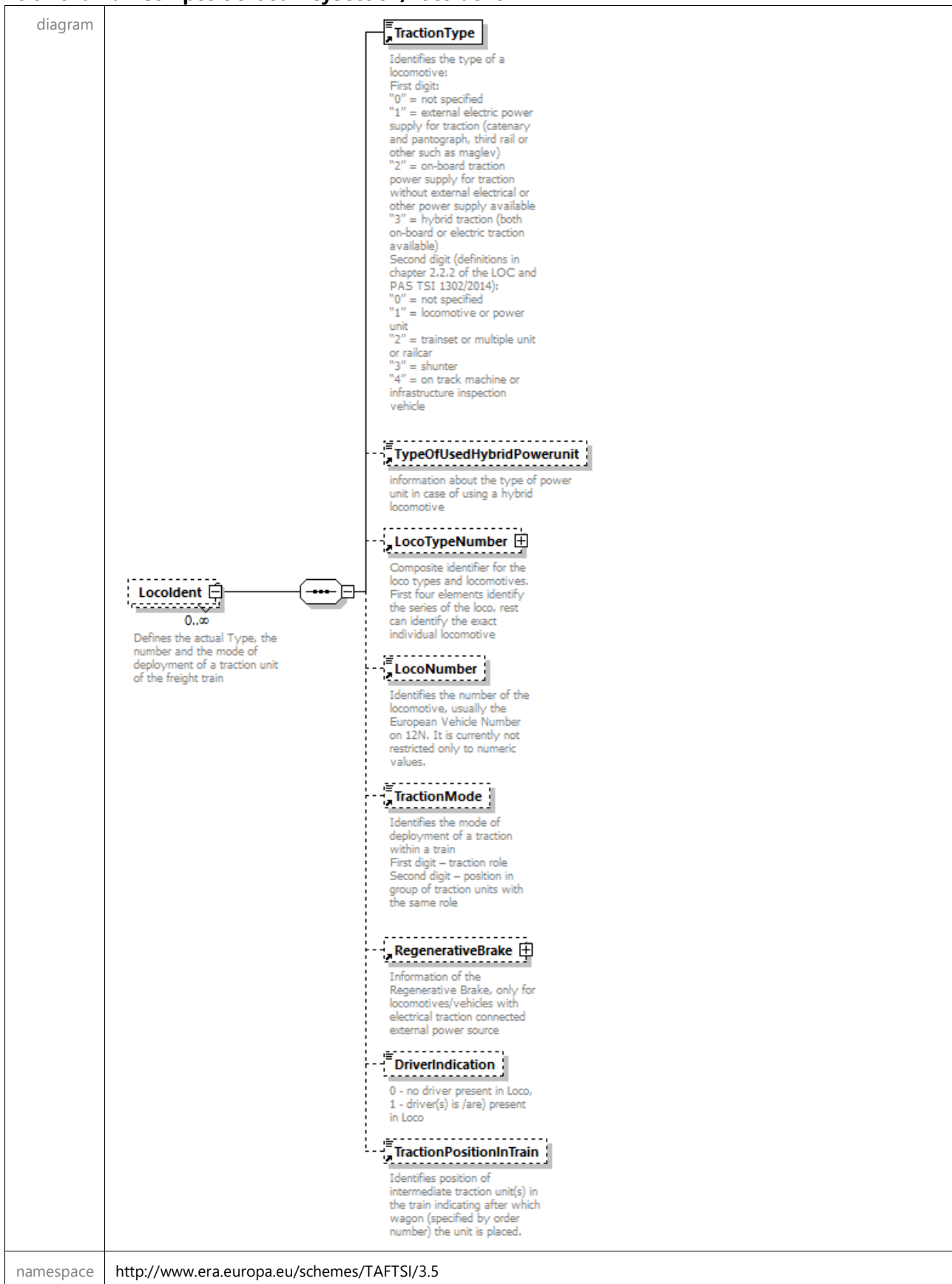
	<p>enumeration 22</p> <p>enumeration 23</p> <p>enumeration 24</p> <p>enumeration 25</p> <p>enumeration 26</p> <p>enumeration 27</p> <p>enumeration 28</p> <p>enumeration 29</p> <p>enumeration 30</p> <p>enumeration 31</p> <p>enumeration 32</p> <p>enumeration 33</p> <p>enumeration 34</p> <p>enumeration 35</p> <p>enumeration 36</p> <p>enumeration 37</p> <p>enumeration 38</p> <p>enumeration 39</p> <p>enumeration 40</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 44</p> <p>enumeration 45</p> <p>enumeration 46</p> <p>enumeration 47</p> <p>enumeration 48</p> <p>enumeration 49</p> <p>enumeration 50</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p>
annotation	<p>documentation</p> <p>Identifies the command control system of the train in coded values.</p>
source	<pre><xs:element name="TrainCC_System" type="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Identifies the command control system of the train in coded values.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainCompositionJourneySection**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>JourneySection TrainRunningData LocoIdent ns1:LivestockOrPeopleIndicator WagonData</p>
<p>used by</p>	<p>element TrainCompositionMessage</p>
<p>annotation</p>	<p>documentation Defines the make up of a train for each section of its journey</p>
<p>source</p>	<pre><xs:element name="TrainCompositionJourneySection"> <xs:annotation> <xs:documentation>Defines the make up of a train for each section of its journey</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySection"/> <xs:element ref="TrainRunningData"/> <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="LivestockOrPeopleIndicator"/> <xs:element ref="WagonData"/> </xs:sequence> </xs:complexType> </xs:element></pre>

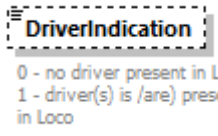
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<xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/>
<xs:element ref="LocoTypeNumber" minOccurs="0"/>
<xs:element ref="LocoNumber" minOccurs="0"/>
<xs:element ref="TractionMode" minOccurs="0"/>
<xs:element ref="RegenerativeBrake" minOccurs="0"/>
<xs:element name="DriverIndication" minOccurs="0">
  <xs:annotation>
    <xs:documentation>0 - no driver present in Loco, 1 -
driver(s) is /are) present in Loco</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="TractionPositionInTrain" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LivestockOrPeopleIndicator" minOccurs="0"
maxOccurs="1"/>
<xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **TrainCompositionJourneySection/Locident**



properties	minOcc 0 maxOcc unbounded content complex
children	ns1:TractionType ns1:TypeOfUsedHybridPowerunit LocoTypeNumber LocoNumber ns1:TractionMode RegenerativeBrake DriverIndication TractionPositionInTrain
annotation	documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train
source	<pre> <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element ref="RegenerativeBrake" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionPositionInTrain" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainCompositionJourneySection/LocIdent/DriverIndication**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco									

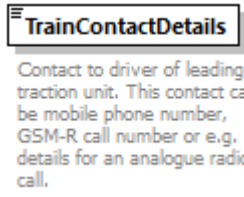
source	<pre> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **TrainCompositionMessage**

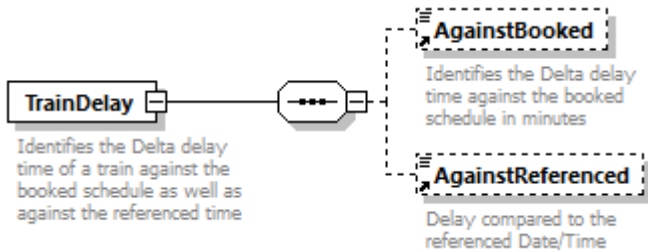
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1:MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereelM TrainCompositionJourneySection
annotation	documentation This message is sent from an RU to an IM defining the composition of the proposed train.
source	<pre> <xs:element name="TrainCompositionMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM defining the composition of the proposed train.</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainCompositionJourneySection" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrainContactDetails**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CommunicationRefID									
properties	content simple									
used by	element TrainReadyMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.									
source	<pre> <xs:element name="TrainContactDetails" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **TrainDelay**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	AgainstBooked AgainstReferenced
used by	elements TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus
annotation	documentation Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time
source	<pre> <xs:element name="TrainDelay"> <xs:annotation> <xs:documentation>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="AgainstBooked" minOccurs="0"/> <xs:element ref="AgainstReferenced" minOccurs="0"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

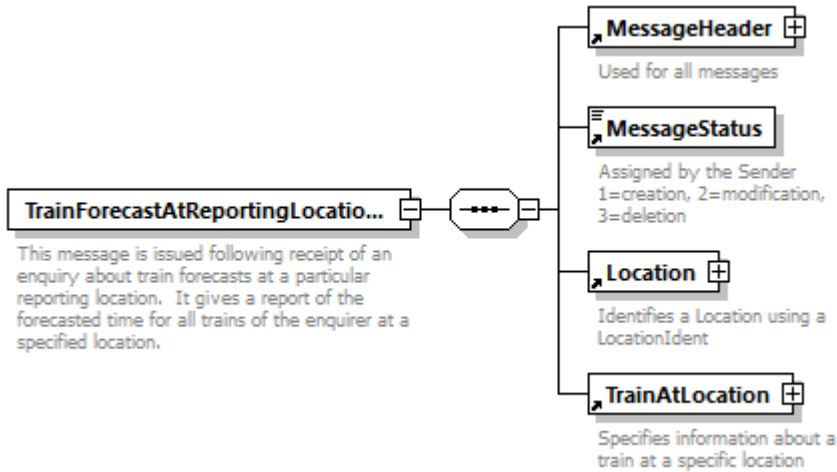
element **TrainDelayCauseMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventReport TransferPoint TransfereelM</p>
<p>annotation</p>	<p>documentation This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed</p>
<p>source</p>	<pre><xs:element name="TrainDelayCauseMessage"> <xs:annotation> <xs:documentation>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="DelayEventReport"/> </xs:sequence> </xs:complexType> </xs:element></pre>

```

<xs:element ref="TransferPoint" minOccurs="0"/>
<xs:element ref="TransfereeIM" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **TrainForecastAtReportingLocationMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus Location TrainAtLocation</p>
<p>annotation</p>	<p>documentation This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location.</p>
<p>source</p>	<pre> <xs:element name="TrainForecastAtReportingLocationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="Location"/> <xs:element ref="TrainAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainID**

<p>diagram</p>	<p>CompositIdentifierOperationalType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>CompositIdentifierOperationalType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>elements ArrivalInterchangeReport DepartureInterchangeReport</p>
<p>source</p>	<pre><xs:element name="TrainID" type="CompositIdentifierOperationalType"/></pre>

element **TrainInformation**

<p>diagram</p>	<pre> classDiagram class TrainInformation { PlannedJourneyLocation 2..∞ PlannedCalendar PathPlanningReferenceLocation } </pre> <p>PlannedJourneyLocation 2..∞ Any operation point along a train journey</p> <p>PlannedCalendar This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be always present. Applications have to provide the data accordingly.</p> <p>PathPlanningReferenceLocation It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>PlannedJourneyLocation PlannedCalendar PathPlanningReferenceLocation</p>
<p>used by</p>	<p>element PathRequestMessage</p>
<p>annotation</p>	<p>documentation Train information provided by the RUs as an overview for the entire train journey from origin to destination</p>
<p>source</p>	<pre> <xs:element name="TrainInformation"> <xs:annotation> <xs:documentation>Train information provided by the RUs as an overview for the entire train journey from origin to destination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Any operation point along a train journey</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be always present. Applications have to provide the data accordingly. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point </pre>

	<p>referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation></p> <pre> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **TrainInformation/PathPlanningReferenceLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.
source	<pre> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </pre>

</xs:element>

element TrainJourneyModification

diagram	<p>The diagram shows a box for TrainJourneyModification with the text "This element shows which locations are changed during the running of a train". This box is connected to a central circle containing a dashed line. From this circle, two lines branch out to two other boxes: TrainJourneyModificationIndicator (with text "This indicates what has changed in the train running e.g. rerouting, cancellation etc..") and LocationModified (with text "This element shows the Location that has been changed for the train run" and a cardinality of "1..∞").</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainJourneyModificationIndicator LocationModified
used by	element TrainJourneyModificationMessage
annotation	documentation This element shows which locations are changed during the running of a train
source	<pre><xs:element name="TrainJourneyModification"> <xs:annotation> <xs:documentation>This element shows which locations are changed during the running of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainJourneyModificationIndicator"/> <xs:element ref="LocationModified" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element TrainJourneyModificationIndicator

diagram	<p>The diagram shows a box for TrainJourneyModificationIndicator with the text "This indicates what has changed in the train running e.g. rerouting, cancellation etc..".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainJourneyModification									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation This indicates what has changed in the train running e.g. rerouting, cancellation etc..									
source	<pre><xs:element name="TrainJourneyModificationIndicator"> <xs:annotation></pre>									

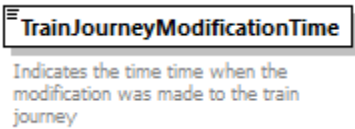
```
<xs:documentation>This indicates what has changed in the train running  
e.g. rerouting, cancellation etc..</xs:documentation>  
</xs:annotation>  
<xs:simpleType>  
  <xs:restriction base="xs:integer">  
    <xs:minInclusive value="1"/>  
    <xs:maxInclusive value="99"/>  
  </xs:restriction>  
</xs:simpleType>  
</xs:element>
```

element **TrainJourneyModificationMessage**

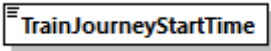
<p>diagram</p>	<p>MessageHeader </p> <p>Used for all messages</p> <p>MessageStatus </p> <p>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion</p> <p>TrainOperationalIdentification </p> <p>OperationalTrainNumberIdentifier </p> <p>ReferenceOTN </p> <p>TrainJourneyModification </p> <p>1..∞</p> <p>This element shows which locations are changed during the running of a train</p> <p>ModificationReason </p> <p>Identifies the reason for the train journey being modified</p> <p>TrainJourneyModificationTime </p> <p>Indicates the time when the modification was made to the train journey</p> <p>Remarks </p> <p>0..∞</p> <p>Free Form Text</p> <p>TransferPoint </p> <p>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to</p> <p>InternalReferenceIdentifier </p> <p>The link to the IM System Reference</p> <p>TransfereelM </p> <p>Next IM</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks TransferPoint InternalReferenceIdentifier TransfereelM</p>
<p>annotation</p>	<p>documentation This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p>
<p>source</p>	<p><xs:element name="TrainJourneyModificationMessage"></p>

	<pre> <xs:annotation> <xs:documentation> This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/> <xs:element ref="ModificationReason" minOccurs="0"/> <xs:element ref="TrainJourneyModificationTime" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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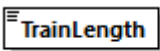
element **TrainJourneyModificationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element TrainJourneyModificationMessage
annotation	documentation Indicates the time time when the modification was made to the train journey
source	<pre> <xs:element name="TrainJourneyModificationTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Indicates the time time when the modification was made to the train journey</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainJourneyStartTime**

diagram	 <p>The precise time at which the train should present itself on the network</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation The precise time at which the train should present itself on the network
source	<pre><xs:element name="TrainJourneyStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The precise time at which the train should present itself on the network</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainLength**

diagram	 <p>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric4-4									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres									
source	<pre><xs:element name="TrainLength" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</xs:documentation> </xs:annotation> </xs:element></pre>									

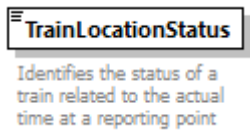
element **TrainLocationReport**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay GeoLocalisationOnNetwork</p>
<p>used by</p>	<p>elements TrainRunningForecastMessage TrainRunningInformationMessage</p>
<p>annotation</p>	<p>documentation Specifies the relevant running data of a train related to a specific location</p>
<p>source</p>	<pre><xs:element name="TrainLocationReport"> <xs:annotation> <xs:documentation>Specifies the relevant running data of a train related to a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to original planned Date and Time agreed by all involved IMs and RUs.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"> <xs:annotation> <xs:documentation>Geolocalisation information crossed with network data.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

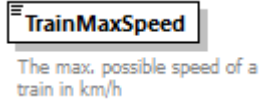
</xs:element>
<xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
<xs:element ref="TrainDelay" minOccurs="0"/>
<xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **TrainLocationStatus**

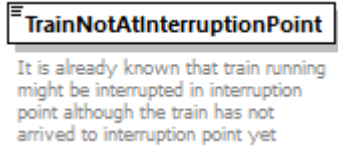
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	ns1:RunningStatus		
properties	content simple		
used by	elements ChangeofTrackMessage DelayEventReport LocationModified TrainAtLocation TrainLocationReport		
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation Intermediate arrival
	enumeration	04	documentation Intermediate departure
	enumeration	05	documentation Pass through
	enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	documentation Not specified for wagon
	enumeration	11	documentation Wagon arrival at its destination by train
	enumeration	12	documentation Wagon departure from its station of origin by train
	enumeration	13	documentation Wagon arrival at reporting point by train
	enumeration	14	documentation Wagon departure from reporting point by train (HLR)
	enumeration	15	documentation Wagon run-through at reporting point by train
	enumeration	16	documentation Wagon parked at reporting point (MAD)
	enumeration	17	documentation Wagon shunted at reporting point
	enumeration	18	documentation Wagon arrived at reporting point
	enumeration	19	documentation

	Wagon departure from reporting point
annotation	documentation Identifies the status of a train related to the actual time at a reporting point
source	<pre><xs:element name="TrainLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainMaxSpeed**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Speed									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation The max. possible speed of a train in km/h									
source	<pre><xs:element name="TrainMaxSpeed" type="Speed"> <xs:annotation> <xs:documentation>The max. possible speed of a train in km/h</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainNotAtInterruptionPoint**

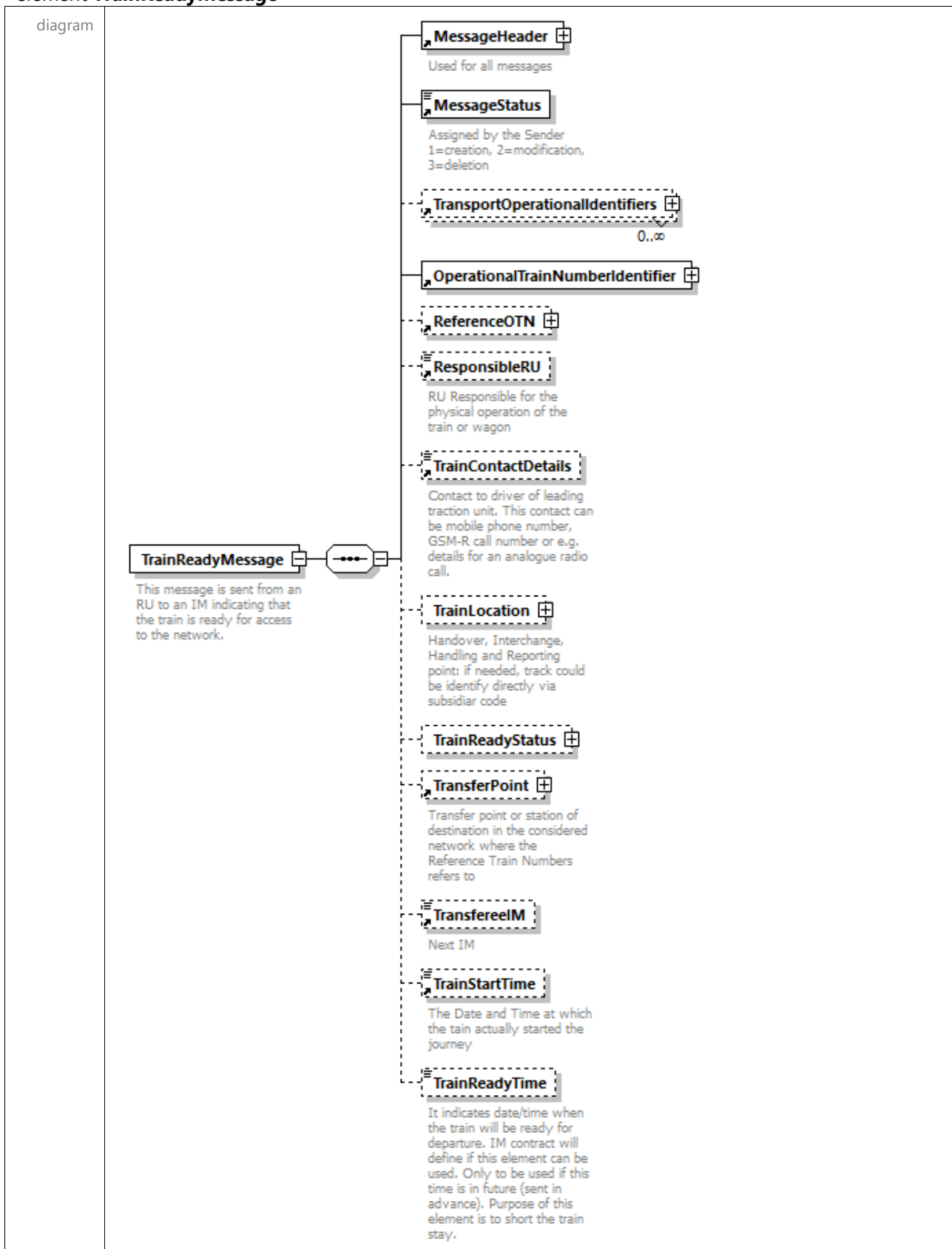
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	1	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	1									
annotation	documentation It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet									
source	<pre><xs:element name="TrainNotAtInterruptionPoint"></pre>									

	<pre> <xs:annotation> <xs:documentation>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **TrainOperationalIdentification**

diagram	<p>The diagram shows the structure of the TrainOperationalIdentification element. It is a sequence of two child elements: TransportOperationalIdentifiers (occurring 1 to infinity times) and RelatedTransportOperationalIdentifiers (occurring 0 to infinity times). Both child elements have a note indicating that, according to the new identifier structure, the <code>ObjectType</code> must be used to differ between train and path id.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TransportOperationalIdentifiers RelatedTransportOperationalIdentifiers
used by	elements ChangeofTrackMessage WagonStatusMessages/WagonStatusMessage/Train TrainAtLocation TrainDelayCauseMessage TrainJourneyModificationMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre> <xs:element name="TrainOperationalIdentification"> <xs:complexType> <xs:sequence> <xs:element ref="TransportOperationalIdentifiers" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RelatedTransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1:MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime
annotation	documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network.
source	<pre> <xs:element name="TrainReadyMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainContactDetails" minOccurs="0"/> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TransferPoint" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainStartTime" minOccurs="0"/> <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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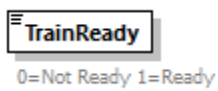
element **TrainReadyMessage/TrainLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code
source	<pre> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> </pre>

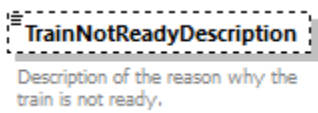
element **TrainReadyMessage/TrainReadyStatus**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>TrainReady TrainDelay TrainNotReadyDescription DelayCause</p>
<p>source</p>	<pre><xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

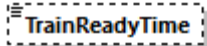
element **TrainReadyMessage/TrainReadyStatus/TrainReady**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0=Not Ready 1=Ready									
source	<pre><xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

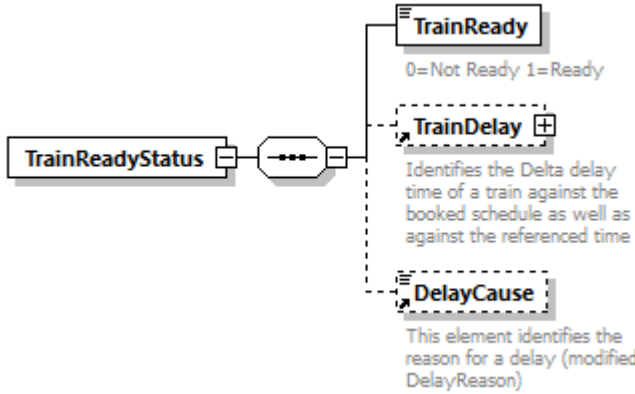
element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Description of the reason why the train is not ready.									
source	<pre><xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainReadyMessage/TrainReadyTime**

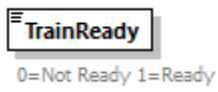
diagram	 <p>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.
source	<pre><xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainReadyStatus**

diagram	 <p>The diagram shows the structure of the TrainReadyStatus element. It is a complex type containing a sequence of three elements: TrainReady, TrainDelay, and DelayCause. The TrainReady element has a documentation: "0=Not Ready 1=Ready". The TrainDelay element has a documentation: "Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time". The DelayCause element has a documentation: "This element identifies the reason for a delay (modified DelayReason)".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TrainReady TrainDelay DelayCause
source	<pre><xs:element name="TrainReadyStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrainReadyStatus/TrainReady**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0=Not Ready 1=Ready									
source	<pre> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TrainRunningData**

<p>diagram</p>	<p>TrainRunningData Train relevant data for a running train</p> <p>TrainRunningTechData Shows the relevant technical data for a running train</p> <p>ExceptionalGaugingInd Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</p> <p>DangerousGoodsIndicator Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</p> <p>Activities 0..99</p> <p>Notes 0..∞ Remarks to be transmitted to IM</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities Notes</p>
<p>used by</p>	<p>element TrainCompositionJourneySection</p>
<p>annotation</p>	<p>documentation Train relevant data for a running train</p>
<p>source</p>	<pre><xs:element name="TrainRunningData"> <xs:annotation> <xs:documentation>Train relevant data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainRunningTechData"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Notes" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainRunningData/Activities**

diagram	<p>Since the activities can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 99 content complex
children	TrainActivity ActivityLocationIdent
source	<pre><xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainRunningData/Activities/ActivityLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<pre><xs:element name="ActivityLocationIdent" type="LocationIdent"/></pre>

element **TrainRunningForecastMessage**

<p>diagram</p>	<p>TrainRunningForecastMessage</p> <p>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p> <ul style="list-style-type: none"> MessageHeader: Used for all messages MessageStatus: Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU: RU Responsible for the physical operation of the train or wagon TrainLocationReport: Specifies the relevant running data of a train related to a specific location (multiplicity: 1..∞) TransferPoint: Transfer point or station of destination in the considered network TransfereelM: Next IM
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereelM</p>
<p>annotation</p>	<p>documentation This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p>
<p>source</p>	<pre><xs:element name="TrainRunningForecastMessage"> <xs:annotation> <xs:documentation>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out- of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for</pre>

	<pre> each other reporting point predefined by contract</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **TrainRunningInformationMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM

annotation	<p>documentation</p> <p>This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</p>
source	<pre> <xs:element name="TrainRunningInformationMessage"> <xs:annotation> <xs:documentation>This message is issued upon 1) Arrrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningInterruptionMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint ns1:TrainRunningInterruptionStatus TransferPoint TransfereelM</p>
<p>annotation</p>	<p>documentation This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption.</p>
<p>source</p>	<pre><xs:element name="TrainRunningInterruptionMessage"> <xs:annotation> <xs:documentation>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>


	<pre><xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="InterruptionPoint"/> <xs:element ref="TrainRunningInterruptionStatus" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>
--	---

element **TrainRunningTechData**

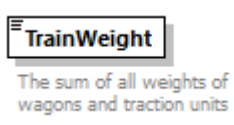


properties	content complex
children	ns1:TrainType TrainWeight TrainLength TrainCC_System ns1:TrainRadioSystem TrainMaxSpeed MaxAxleWeight ns1:BrakeType BrakingRatio BrakeWeight NumberOfVehicles NumberOfAxles
used by	element TrainRunningData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="TrainRunningTechData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

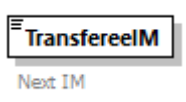
element **TrainStartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element TrainReadyMessage
annotation	documentation The Date and Time at which the train actually started the journey
source	<pre> <xs:element name="TrainStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time at which the train actually started the journey</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of WeightValueTonne									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The sum of all weights of wagons and traction units									
source	<pre><xs:element name="TrainWeight"> <xs:annotation> <xs:documentation>The sum of all weights of wagons and traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueTonne"> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TransfereeIM**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Next IM												
source	<pre><xs:element name="TransfereeIM" type="CompanyCode"> <xs:annotation> <xs:documentation>Next IM</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TransferPoint**

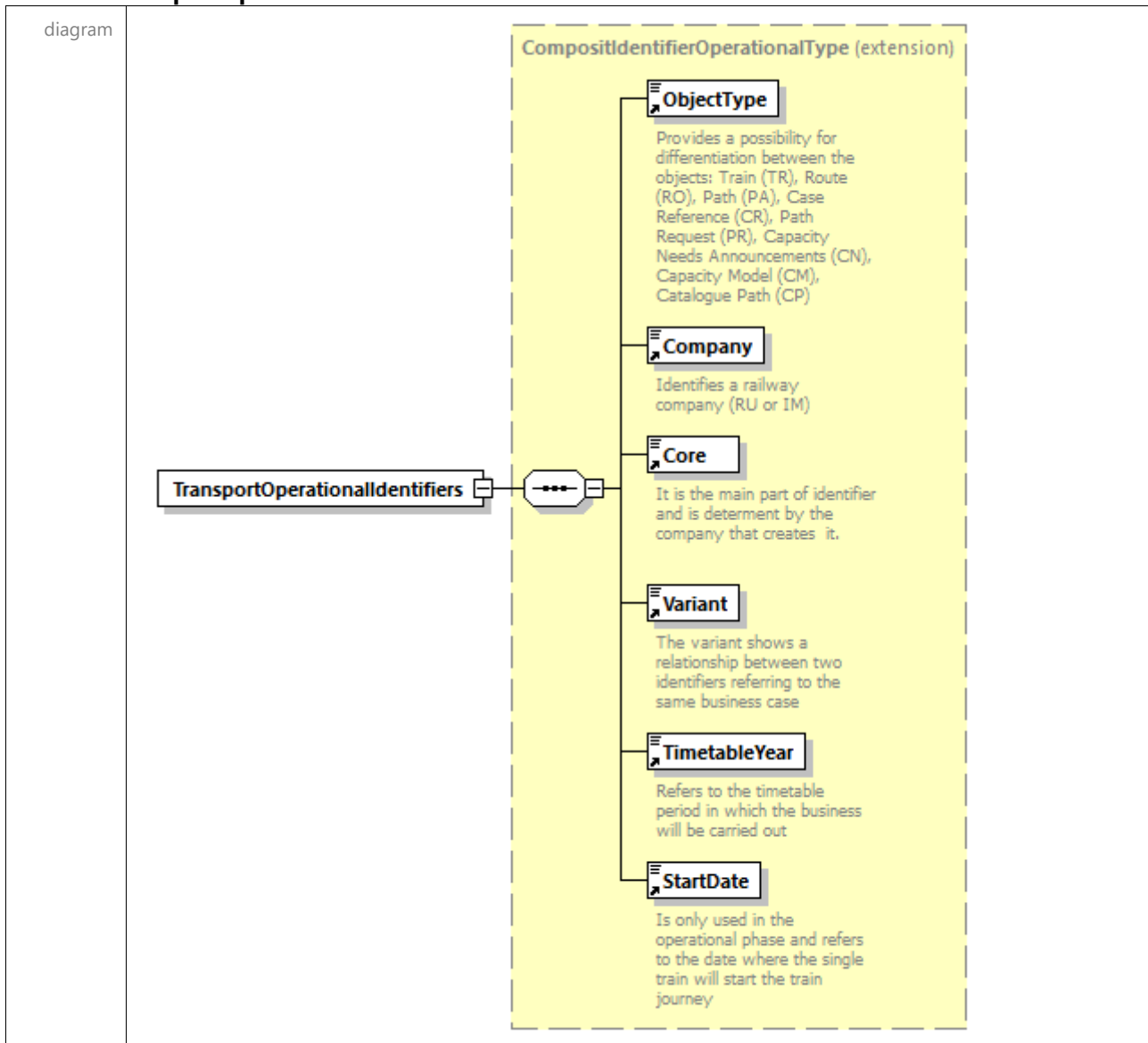
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
annotation	documentation Transfer point or station of destination in the considered network
source	<pre><xs:element name="TransferPoint" type="LocationIdent"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network</xs:documentation> </xs:annotation> </xs:element></pre>

element **TransportInstruction**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Special instructions regarding the transportation of the wagon or shipment in free text									

source	<pre><xs:element name="TransportInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the transportation of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>
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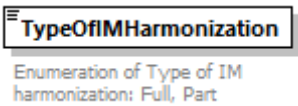
element **TransportOperationalIdentifiers**



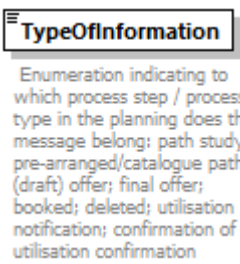
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage
source	<pre><xs:element name="TransportOperationalIdentifiers"> <xs:complexType></pre>

	<pre> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>
--	--

element **TypeOfIMHarmonization**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	ns1:TypeOfIMHarmonizationCode									
properties	content simple									
used by	elements PathDetailsMessage PathRequestMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre> <xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element> </pre>									

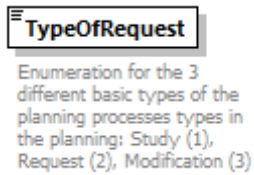
element **TypeOfInformation**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	ns1:TypeOfInformationCode															
properties	content simple															
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation harmonisation - in process</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99		enumeration	1	documentation harmonisation - in process	enumeration	2	documentation
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	99															
enumeration	1	documentation harmonisation - in process														
enumeration	2	documentation														

	enumeration	3	harmonisation - accepted documentation
	enumeration	4	harmonisation - rejected documentation
	enumeration	5	Request ready documentation
	enumeration	6	path study request documentation
	enumeration	7	pre-arranged path/reserve capacity documentation
	enumeration	8	create offer documentation
	enumeration	9	coordination update documentation
	enumeration	10	draft offer documentation
	enumeration	11	draft alternative offer documentation
	enumeration	12	observation - in process documentation
	enumeration	13	observation - complete documentation
	enumeration	14	preparation of final offer - in process documentation
	enumeration	15	preparation of final offer - accepted documentation
	enumeration	16	preparation of final offer - rejected documentation
	enumeration	17	final offer documentation
	enumeration	18	final offer - accepted documentation
	enumeration	19	alternative offer accepted documentation
	enumeration	20	pre-accepted offer documentation
	enumeration	21	Final Offer rejected documentation
	enumeration	22	no alternative available documentation
	enumeration	23	booked documentation
	enumeration	24	preparation of draft alternative offer is in progress documentation
	enumeration	25	alternative offer triggered by IM documentation
	enumeration	26	offer/final offer rejected (without revision) documentation
	enumeration	27	alternative offer rejected (without revision) documentation
	enumeration	28	offer/final offer rejected (revision required) documentation
	enumeration	29	alternative offer rejected (revision required) documentation
	enumeration	30	withdrawal documentation
	enumeration	31	Create Dossier documentation
	enumeration	32	Close Dossier documentation
	enumeration	33	Path canceled full documentation
			Path canceled partial

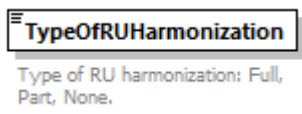
	enumeration 40	documentation Fully Assembled Path (FAP, constructed path)
	enumeration 42	documentation Preparation of draft offer – accepted
	enumeration 43	documentation Preparation of draft offer – rejected
	enumeration 44	documentation Draft offer rejected
	enumeration 45	documentation Draft no alternative available
	enumeration 50	documentation activate path (utilisation notification)
	enumeration 51	documentation deactivate path (utilisation notification)
	enumeration 52	documentation confirmation of utilisation notification
	enumeration 53	documentation Path and train cancelled
	enumeration 65	documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage)
	enumeration 66	documentation Booked after route update (used in PathDetailsMessage)
annotation	documentation	Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation
source		<pre><xs:element name="TypeOfInformation" type="TypeOfInformationCode"> <xs:annotation> <xs:documentation> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre- arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</xs:documentation> </xs:annotation> </xs:element></pre>

element **TypeOfRequest**

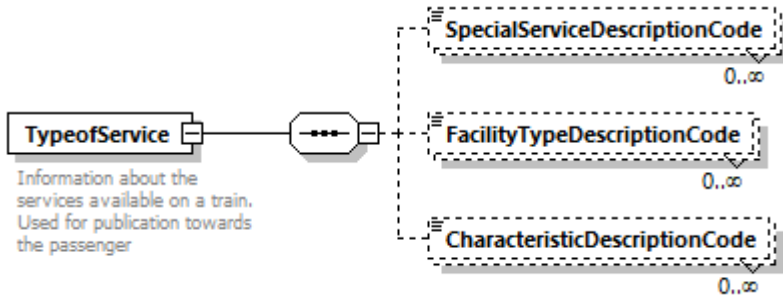
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	ns1:TypeOfRequestCode		
properties	content	simple	
used by	elements	PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage	
facets	Kind	Value	Annotation
	minInclusive	1	
	enumeration	1	documentation Study
	enumeration	2	documentation Request
	enumeration	3	documentation

	Modification
annotation	documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)
source	<pre><xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> </xs:element></pre>

element TypeOfRUHarmonization

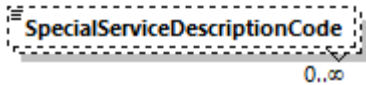
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	ns1:TypeOfRUHarmonizationCode												
properties	content simple												
used by	elements PathDetailsMessage PathRequestMessage												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> <tr> <td>enumeration</td> <td>None</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part		enumeration	None	
Kind	Value	Annotation											
enumeration	Full												
enumeration	Part												
enumeration	None												
annotation	documentation Type of RU harmonization: Full, Part, None.												
source	<pre><xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> </xs:element></pre>												

element TypeofService

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	SpecialServiceDescriptionCode FacilityTypeDescriptionCode CharacteristicDescriptionCode

used by	element PlannedTrainData
annotation	documentation Information about the services available on a train. Used for publication towards the passenger
source	<pre> <xs:element name="TypeofService"> <xs:annotation> <xs:documentation>Information about the services available on a train. Used for publication towards the passenger</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TypeofService/SpecialServiceDescriptionCode**

diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	type7161CodeList																		
properties	minOcc 0 maxOcc unbounded content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>00</td> <td>documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 0</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Breakfast documentation Breakfast documentation 0</td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	3		enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 0	enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0	enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0	enumeration	5	documentation Breakfast documentation Breakfast documentation 0
Kind	Value	Annotation																	
maxLength	3																		
enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 0																	
enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0																	
enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0																	
enumeration	5	documentation Breakfast documentation Breakfast documentation 0																	

	enumeration	6	documentation Dinner documentation Dinner documentation 0
	enumeration	7	documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	8	documentation Lunch documentation Lunch documentation 0
	enumeration	9	documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	11	documentation Child documentation Services for children documentation 0
	enumeration	21	documentation Cold buffet documentation Cold buffet service documentation 0
	enumeration	22	documentation Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0
	enumeration	23	documentation Hot buffet documentation Hot buffet service documentation 0
	enumeration	24	documentation Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0
	enumeration	25	documentation Trolley documentation Trolley service (beverage and food cart) documentation 0
	enumeration	26	documentation Snack documentation

			Snack documentation 0
enumeration	27		documentation Disabled documentation Services for disabled persons documentation 0
enumeration	28		documentation Movies documentation Movies documentation 0
enumeration	29		documentation Business documentation Services for business people documentation 0
enumeration	30		documentation Nursery documentation Nursery service documentation 0
enumeration	31		documentation Buffet documentation Buffet documentation 0
enumeration	32		documentation Special services for military documentation Special services for army families documentation 0
enumeration	33		documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation 0
enumeration	34		documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation 0
enumeration	35		documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation 0
enumeration	36		documentation Alighting possible until 30 minutes after arrival documentation Alighting is possible up to 30 minutes after arrival documentation 0

enumeration	37	documentation Postal services documentation Postal services available documentation 0
enumeration	38	documentation Meal at the seat documentation Meal is provided at the seat documentation 0
enumeration	39	documentation Self service documentation Self service meals documentation 0
enumeration	40	documentation Overnight stay documentation Overnight stay possible on board documentation 0
enumeration	41	documentation Luggage transport documentation Luggage transport offered documentation 0
enumeration	42	documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0
enumeration	43	documentation Music documentation Music documentation 0
enumeration	44	documentation Check-in documentation Time at which the traveller checks in documentation 0
enumeration	45	documentation Check-out documentation Time at which the traveller checks out documentation 0
enumeration	46	documentation Free WiFi on board documentation Free WiFi service on board available documentation 0
enumeration	47	documentation WiFi on board documentation

	<p>WiFi service on board available documentation 0</p> <p>enumeration 48 documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0</p>
source	<pre><xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element **TypeofService/FacilityTypeDescriptionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	type9039CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	3	
	enumeration	2	documentation First-class sleepers documentation First-class sleepers documentation 0
	enumeration	3	documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0
	enumeration	4	documentation First-class seats documentation First-class seats documentation 0
	enumeration	5	documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0
	enumeration	6	documentation First-class couchettes documentation First-class couchettes documentation 0
	enumeration	7	documentation Second-class couchettes

		documentation
		Second-class couchettes
		documentation
		0
enumeration	8	documentation
		Sleeperette
		documentation
		Sleeperette or reclining seat
		documentation
		0
enumeration	9	documentation
		Restaurant
		documentation
		Restaurant facility
		documentation
		0
enumeration	11	documentation
		First-class sleeper, single
		documentation
		First-class sleeper, single
		documentation
		0
enumeration	12	documentation
		First-class sleeper, special
		documentation
		First-class sleeper, special
		documentation
		0
enumeration	13	documentation
		First-class sleeper, double
		documentation
		First-class sleeper, double
		documentation
		0
enumeration	14	documentation
		Vehicle transport
		documentation
		Facilities for vehicle transport etc. Not bicycles.
		documentation
		Cars, boats, trailers, motorbikes,
		documentation
		0
enumeration	15	documentation
		Second-class sleeper, T2
		documentation
		Second-class sleeper, T2 (two-bed compartment)
		documentation
		0
enumeration	16	documentation
		Second-class sleeper, T3
		documentation
		Second-class sleeper, T3 (three-bed compartment)
		documentation
		0
enumeration	17	documentation
		Second-class sleeper T4
		documentation
		Second-class sleeper, T4 (four-bed compartment)
		documentation
		0
enumeration	18	documentation
		First-class sleeper, single, shower
		documentation

		First-class sleeper, single with shower documentation 0
enumeration	19	documentation First-class sleeper, double, shower documentation First-class sleeper, double with shower documentation 0
enumeration	20	documentation Non-smoker service documentation The travel service is non-smoking documentation 0
enumeration	21	documentation Heavily disabled documentation Facilities for heavily disabled persons available documentation 0
enumeration	24	documentation Baby room documentation Baby care facilities available documentation 0
enumeration	26	documentation Bicycle transport documentation Facility for bicycle transport available documentation 0
enumeration	28	documentation Wheelchair access documentation Access for wheelchairs possible documentation 0
enumeration	33	documentation Video coach documentation Video coach available documentation 0
enumeration	34	documentation Mini-bar documentation Mini-bar available documentation 0
enumeration	36	documentation Panorama coach documentation Panorama coach available documentation 0
enumeration	44	documentation Telephone documentation Telephone service is available documentation 0

enumeration	45	documentation Power supply documentation Service provides power supply sockets documentation 0
enumeration	46	documentation Pullmann coach documentation Pullman car seats documentation 0
enumeration	47	documentation Bar documentation A bar is available documentation 0
enumeration	48	documentation Family compartment documentation Family compartment(s) available documentation 0
enumeration	50	documentation Buffet machine documentation Buffet machine available documentation 0
enumeration	54	documentation Premium class documentation A class with comfort level higher than first class Business, etc documentation Includes Comfort, Club, Pullman, documentation 0
enumeration	55	documentation Preferente documentation Spanish first class on long distance trains documentation RENFE documentation 0
enumeration	56	documentation Turista documentation Spanish second class on long distance trains documentation RENFE documentation 0
enumeration	57	documentation First-class sleeper, single, shower, WC documentation First-class sleeper, single with shower and WC documentation RENFE documentation 0
enumeration	58	documentation

		<p>First-class sleeper, double shower, WC documentation</p> <p>First-class sleeper, double with shower and WC documentation</p> <p>RENFE documentation</p> <p>0</p>
enumeration	59	<p>documentation</p> <p>Second class sleeper, T3, shower, WC documentation</p> <p>Second class sleeper, T3, shower, WC documentation</p> <p>0</p>
enumeration	60	<p>documentation</p> <p>Second class sleeper double documentation</p> <p>Second class sleeper for two documentation</p> <p>0</p>
enumeration	61	<p>documentation</p> <p>Second class sleeper double shower/toilets documentation</p> <p>Second class sleeper for two with shower and toilets documentation</p> <p>0</p>
enumeration	62	<p>documentation</p> <p>Second-class, couchette, two-bed, C2 documentation</p> <p>Second class compartment with 2 couchettes documentation</p> <p>0</p>
enumeration	63	<p>documentation</p> <p>Second-class, couchette, four-bed, C4 documentation</p> <p>Second class compartment with 4 couchettes documentation</p> <p>0</p>
enumeration	64	<p>documentation</p> <p>Second-class, couchette, six-bed, C6 documentation</p> <p>Second class compartment with 6 couchettes documentation</p> <p>0</p>
enumeration	65	<p>documentation</p> <p>Second class couchette wheelchair documentation</p> <p>Second class couchette with wheelchair space documentation</p> <p>0</p>
enumeration	66	<p>documentation</p> <p>Executive class documentation</p> <p>A class with comfort level higher than first class documentation</p> <p>Trenitalia documentation</p> <p>0</p>
enumeration	67	<p>documentation</p> <p>Business class documentation</p> <p>First class documentation</p> <p>Trenitalia</p>

		documentation	0
enumeration	68	documentation Premium class documentation A second class with comfort level higher than normal second class documentation Trenitalia	documentation 0
enumeration	69	documentation Standard class documentation Trenitalia's normal second class documentation Trenitalia	documentation 0
enumeration	70	documentation Unified class documentation For services with no class differentiation. A service with only one class documentation UIC	documentation 0
enumeration	71	documentation Medical-grade masks documentation Medical-grade masks must be worn documentation	0
enumeration	72	documentation Mask obligation according to legal regulation documentation Mask obligation according to legal regulation documentation	0
enumeration	101	documentation Metro connection documentation Metro, subway, underground connection documentation Only used in TSDUPD	documentation 0
enumeration	102	documentation Taxi connection documentation Taxi connection documentation Only used in TSDUPD	documentation 0
enumeration	103	documentation Bus connection documentation Bus connections available documentation Used only in TSDUPD	documentation 0
enumeration	104	documentation	0

	<p>Tram connection documentation</p> <p>Tram connections available documentation</p> <p>Used only in TSDUPD documentation</p> <p>0</p> <p>enumeration 105 documentation</p> <p>2nd Class couchette five beds C5 documentation</p> <p>2nd Class couchette five beds C5 documentation</p> <p>DB Nachtzug documentation</p> <p>0</p> <p>enumeration 106 documentation</p> <p>Vaccinated, tested, recovered rule applied documentation</p> <p>Vaccinated, tested, recovered rule applied documentation</p> <p>Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation</p> <p>0</p> <p>enumeration 107 documentation</p> <p>Dedicated toilet and place for wheelchair documentation</p> <p>Dedicated toilet and place for wheelchair documentation</p> <p>Dedicated toilet together with dedicated space for wheelchair documentation</p> <p>0</p>
source	<pre><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element **TypeofService/CharacteristicDescriptionCode**

diagram													
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>												
type	<p>type7037CodeList</p>												
properties	<p>minOcc 0</p> <p>maxOcc unbounded</p> <p>content simple</p>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>17</td> <td></td> </tr> <tr> <td>enumeration</td> <td>6</td> <td> <p>documentation</p> <p>First class documentation</p> <p>First class accommodation documentation</p> <p>0</p> </td> </tr> <tr> <td>enumeration</td> <td>7</td> <td> <p>documentation</p> <p>Second class documentation</p> <p>Second class accommodation documentation</p> <p>0</p> </td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	17		enumeration	6	<p>documentation</p> <p>First class documentation</p> <p>First class accommodation documentation</p> <p>0</p>	enumeration	7	<p>documentation</p> <p>Second class documentation</p> <p>Second class accommodation documentation</p> <p>0</p>
Kind	Value	Annotation											
maxLength	17												
enumeration	6	<p>documentation</p> <p>First class documentation</p> <p>First class accommodation documentation</p> <p>0</p>											
enumeration	7	<p>documentation</p> <p>Second class documentation</p> <p>Second class accommodation documentation</p> <p>0</p>											

enumeration	11	documentation Reservation possible documentation Reservation is possible documentation 0
enumeration	12	documentation With supplement documentation A supplement is charged documentation 0
enumeration	13	documentation Reservation compulsory documentation Reservation is compulsory documentation 0
enumeration	14	documentation Reservation advised documentation Reservation is recommended documentation 0
enumeration	15	documentation Reservation compulsory for parties documentation Reservation is compulsory for parties documentation 0
enumeration	16	documentation Reservation compulsory in first-class documentation Reservation is compulsory in first-class documentation 0
enumeration	17	documentation Group booking restricted documentation Booking by groups restricted documentation 0
enumeration	18	documentation Groups not allowed documentation Groups of travellers are not allowed documentation 0
enumeration	19	documentation No reservation documentation Reservation is not possible documentation 0
enumeration	20	documentation Reservation in first class only documentation Reservation is only possible in first documentation 0
enumeration	21	documentation Reservation compulsory from origin station documentation

	<p>Reservation compulsory from origin station documentation 0</p> <p>enumeration 22 documentation Reservation allowed for certain classes/products documentation Reservation possible for some booking classes/products documentation 0</p> <p>enumeration 23 documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0</p> <p>enumeration 24 documentation Not available documentation The product is not available documentation 0</p> <p>enumeration 25 documentation Non-bookable documentation The product is not bookable documentation 0</p> <p>enumeration 26 documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0</p> <p>enumeration 27 documentation Bookable through a national reservation system documentation Bookable through a national reservation system documentation 0</p> <p>enumeration 28 documentation Bookable manually on the RU selling point documentation Bookable manually on the RU selling point documentation 0</p>
source	<pre><xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element **UltimateDestinationCountry**

diagram	
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
type	<p>CountryIdentISO</p>
properties	<p>content simple</p>
used by	<p>elements ILU Details ITU Details</p>

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country of Ultimate Destination									
source	<pre><xs:element name="UltimateDestinationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Country of Ultimate Destination</xs:documentation> </xs:annotation> </xs:element></pre>									

element **UN_Number**

diagram	 <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element SummaryOfGoodsWithSameRID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".									
source	<pre><xs:element name="UN_Number"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartDateTime EndDateTime
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar
source	<pre><xs:element name="ValidityPeriod"> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

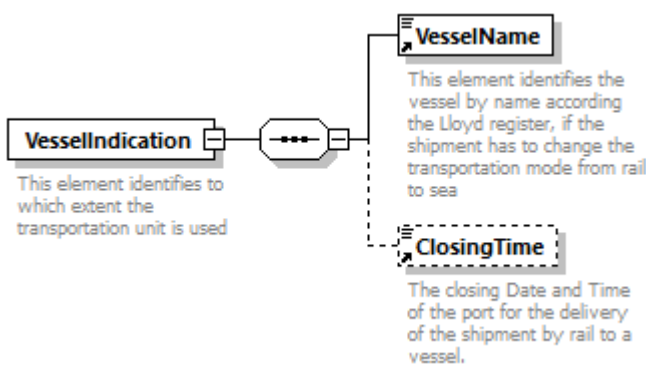
element **Value**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:decimal												
properties	content simple												
used by	elements Height Length Width												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999999999</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999999999		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	9999999999												
fractionDigits	1												
source	<pre><xs:element name="Value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:maxInclusive value="9999999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **Variant**

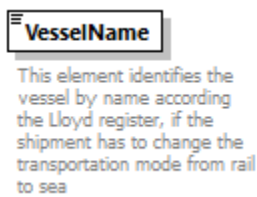
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{2}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[0-9A-Z]{2}												
annotation	documentation The variant shows a relationship between two identifiers referring to the same business case												
source	<pre><xs:element name="Variant"> <xs:annotation> <xs:documentation>The variant shows a relationship between two identifiers referring to the same business case</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **VesselIndication**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	VesselName ClosingTime
used by	elements WIMO Dataset/EventLevelData Ship
annotation	documentation This element identifies to which extent the transportation unit is used

source	<pre> <xs:element name="VesselIndication"> <xs:annotation> <xs:documentation>This element identifies to which extent the transportation unit is used</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselName"/> <xs:element ref="ClosingTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	--

element **VesselName**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	Name						
properties	content simple						
used by	element VesselIndication						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>254</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	documentation This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea						
source	<pre> <xs:element name="VesselName" type="Name"> <xs:annotation> <xs:documentation>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</xs:documentation> </xs:annotation> </xs:element> </pre>						

element **Volume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	content simple
annotation	documentation Identifies the volume of a shipment, expressed in cubic metres

source	<pre><xs:element name="Volume" type="VolumeValue"> <xs:annotation> <xs:documentation>Identifies the volume of a shipment, expressed in cubic metres</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **WagonAtDeparture**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DepartureTimeAtLocation
annotation	documentation Departure point of a wagon with location and departure time
source	<pre><xs:element name="WagonAtDeparture"> <xs:annotation> <xs:documentation>Departure point of a wagon with location and departure time</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonData**

<p>diagram</p>	<p>WagonData Wagon relevant data for the wagons within a running train</p> <p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>WagonTrainPosition Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</p> <p>WagonOperationalData Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</p> <p>WagonTechData This element shows the wagon relevant technical data for the wagons within a running train</p> <p>IntermodalTransportData 0..∞</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData IntermodalTransportData</p>
<p>used by</p>	<p>element TrainCompositionJourneySection</p>
<p>annotation</p>	<p>documentation Wagon relevant data for the wagons within a running train</p>
<p>source</p>	<pre><xs:element name="WagonData"> <xs:annotation> <xs:documentation>Wagon relevant data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="WagonTrainPosition"/> <xs:element ref="WagonOperationalData"/> <xs:element ref="WagonTechData"/> <xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonData/IntermodalTransportData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	IntermodalTransportDataType
properties	minOcc 0 maxOcc unbounded content complex
children	TypeOfLoadUnit LoadUnitNumber DangerousGoodsIndication
source	<pre><xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0" maxOccurs="unbounded"/></pre>

element **WagonETI_ETA_Message**

diagram	<p>WagonETI_ETA_Message</p> <p>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p> <ul style="list-style-type: none"> MessageHeader: Used for all messages RelatedReference: Identifies the message to which the actual message refers WagonInformation: This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon ArrivalInterchangeReport: The arrival or interchange station where ETI end DepartureInterchangeReport: Departure or interchange station ETI Origin
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport
annotation	documentation This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last


	<p>RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p>
source	<pre> <xs:element name="WagonETI_ETA_Message"> <xs:annotation> <xs:documentation>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalInterchangeReport"/> <xs:element ref="DepartureInterchangeReport" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonEventInformation**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonEvent EventDateTime Location
used by	element WIMO Dataset/EventLevelData
annotation	documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages
source	<pre> <xs:element name="WagonEventInformation"> <xs:annotation> <xs:documentation>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="EventDateTime"/> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EventDateTime" type="xs:dateTime"/> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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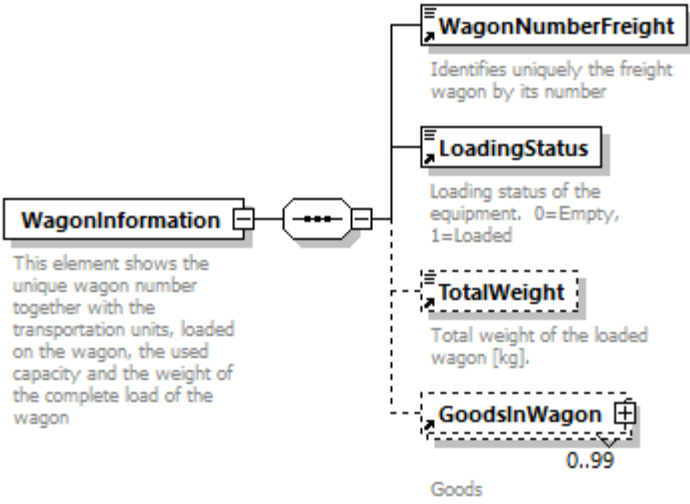
element **WagonEventInformation/WagonEvent**

diagram																																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																	
type	restriction of xs:token																																	
properties	content simple																																	
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Release</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Departure</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Exception</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Delivery</td> <td></td> </tr> <tr> <td>enumeration</td> <td>InterchangeDelivery</td> <td></td> </tr> <tr> <td>enumeration</td> <td>InterchangeReceipt</td> <td></td> </tr> <tr> <td>enumeration</td> <td>YardDeparture</td> <td></td> </tr> <tr> <td>enumeration</td> <td>YardArrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DeliveryConfirmation</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Release		enumeration	Arrival		enumeration	Departure		enumeration	Exception		enumeration	Delivery		enumeration	InterchangeDelivery		enumeration	InterchangeReceipt		enumeration	YardDeparture		enumeration	YardArrival		enumeration	DeliveryConfirmation	
Kind	Value	Annotation																																
enumeration	Release																																	
enumeration	Arrival																																	
enumeration	Departure																																	
enumeration	Exception																																	
enumeration	Delivery																																	
enumeration	InterchangeDelivery																																	
enumeration	InterchangeReceipt																																	
enumeration	YardDeparture																																	
enumeration	YardArrival																																	
enumeration	DeliveryConfirmation																																	
source	<pre> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																																	

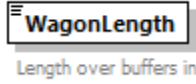
element **WagonEventInformation/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
source	<code><xs:element name="EventDateTime" type="xs:dateTime"/></code>

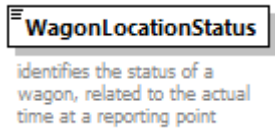
element **WagonInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon
used by	elements WIMO Dataset/ConsignmentLevelData WagonETI ETA Message
annotation	documentation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon
source	<pre> <xs:element name="WagonInformation"> <xs:annotation> <xs:documentation>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="LoadingStatus"/> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonLength**

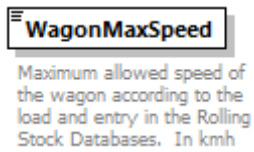
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element Wagons/WagonDetails/WagonTypeDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Length over buffers in cms									
source	<pre><xs:element name="WagonLength"> <xs:annotation> <xs:documentation>Length over buffers in cms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WagonLocationStatus**

diagram																									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																								
type	ns1:RunningStatus																								
properties	content simple																								
used by	element ExceptionPoint																								
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation Not specified</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Arrival at destination</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation Departure at origin</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Intermediate arrival</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation Intermediate departure</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation Pass through</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00	documentation Not specified	enumeration	01	documentation Arrival at destination	enumeration	02	documentation Departure at origin	enumeration	03	documentation Intermediate arrival	enumeration	04	documentation Intermediate departure	enumeration	05	documentation Pass through	enumeration	06	documentation
Kind	Value	Annotation																							
enumeration	00	documentation Not specified																							
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enumeration	02	documentation Departure at origin																							
enumeration	03	documentation Intermediate arrival																							
enumeration	04	documentation Intermediate departure																							
enumeration	05	documentation Pass through																							
enumeration	06	documentation																							

	<p>NEW CODES: Some IMs are transmitting these codes (6 - 9)</p> <p>enumeration 07</p> <p>enumeration 08</p> <p>enumeration 09</p> <p>enumeration 10 documentation Not specified for wagon</p> <p>enumeration 11 documentation Wagon arrival at its destination by train</p> <p>enumeration 12 documentation Wagon departure from its station of origin by train</p> <p>enumeration 13 documentation Wagon arrival at reporting point by train</p> <p>enumeration 14 documentation Wagon departure from reporting point by train (HLR)</p> <p>enumeration 15 documentation Wagon run-through at reporting point by train</p> <p>enumeration 16 documentation Wagon parked at reporting point (MAD)</p> <p>enumeration 17 documentation Wagon shunted at reporting point</p> <p>enumeration 18 documentation Wagon arrived at reporting point</p> <p>enumeration 19 documentation Wagon departure from reporting point</p>
annotation	documentation identifies the status of a wagon, related to the actual time at a reporting point
source	<pre><xs:element name="WagonLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonMaxSpeed**

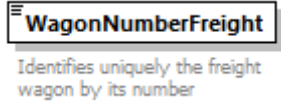
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element WagonOperationalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh									
source	<pre><xs:element name="WagonMaxSpeed"> <xs:annotation> <xs:documentation>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</xs:documentation> </xs:annotation></pre>									

```

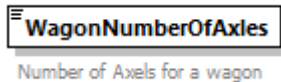
<xs:simpleType>
  <xs:restriction base="xs:int">
    <xs:minInclusive value="001"/>
    <xs:maxInclusive value="999"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

element **WagonNumberFreight**

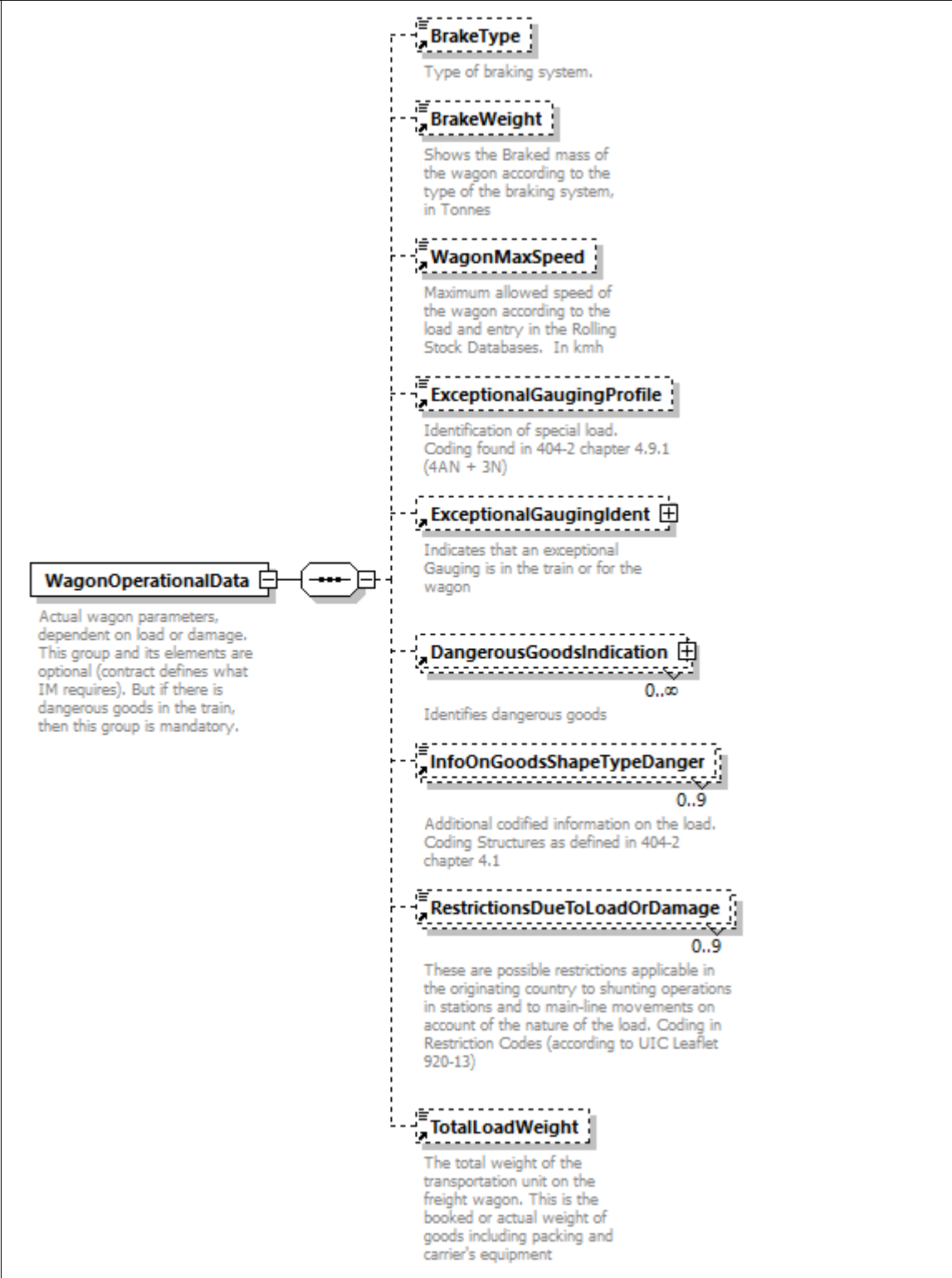
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WagonIdent									
properties	content simple									
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage WagonData WagonInformation Wagons WagonStatusMessages/WagonStatusMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
annotation	documentation Identifies uniquely the freight wagon by its number									
source	<pre> <xs:element name="WagonNumberFreight" type="WagonIdent"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **WagonNumberOfAxles**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>2</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	2		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	2									
maxInclusive	99									
annotation	documentation Number of Axles for a wagon									
source	<pre> <xs:element name="WagonNumberOfAxles"> <xs:annotation> <xs:documentation>Number of Axles for a wagon</xs:documentation> </pre>									

```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:int">
    <xs:minInclusive value="2"/>
    <xs:maxInclusive value="99"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```

element **WagonOperationalData**

<p>diagram</p>  <p>WagonOperationalData</p> <p>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</p>	<p>BrakeType Type of braking system.</p> <p>BrakeWeight Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</p> <p>WagonMaxSpeed Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</p> <p>ExceptionalGaugingProfile Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</p> <p>ExceptionalGaugingIdent Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>DangerousGoodsIndication 0..∞ Identifies dangerous goods</p> <p>InfoOnGoodsShapeTypeDanger 0..9 Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p> <p>RestrictionsDueToLoadOrDamage 0..9 These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)</p> <p>TotalLoadWeight The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ns1:BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsIndication ns1:InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage TotalLoadWeight</p>

used by	element WagonData
annotation	documentation Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.
source	<pre> <xs:element name="WagonOperationalData"> <xs:annotation> <xs:documentation>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InfoOnGoodsShapeTypeDanger" minOccurs="0" maxOccurs="9"/> <xs:element ref="RestrictionsDueToLoadOrDamage" minOccurs="0" maxOccurs="9"/> <xs:element ref="TotalLoadWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonPickupAtOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DepartureTimeAtLocation
annotation	documentation Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings
source	<pre> <xs:element name="WagonPickupAtOrigin"> <xs:annotation> <xs:documentation>Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> </pre>

	<pre> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight WagonDetails SummaryOFGoodsWithSameRID LoadingTackles GoodsInWagon
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Content of the wagon
source	<pre> <xs:element name="Wagons"> <xs:annotation> <xs:documentation>Content of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:sequence> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> </pre>

```

        <xs:annotation>
          <xs:documentation>Additional information, concerning the
goods of the whole wagon. </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="2000"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="WagonTypeDetails" minOccurs="0">
        <xs:annotation>
          <xs:documentation>These elements are only needed, if the
wagon has to be treated as CUV (empty wagon).</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="WagonWeightEmpty"/>
            <xs:element ref="WagonNumberOfAxles"/>
            <xs:element ref="WagonLength"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="TotalWeight" minOccurs="0"/>
      <xs:element name="LoadLimit" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Load limit from table of load limits in
[t].</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:minInclusive value="0"/>
            <xs:totalDigits value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Seals" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Ship" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information for transports,
which shall be handed over to a ship.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DeliveryReference" minOccurs="0"/>
      <xs:element ref="OriginCountry" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code of origin country of the
Goods</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">

```

```

    <xs:annotation>
      <xs:documentation>Exceptional
    Consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="IM_Partner"/>
        <xs:element name="PermissionNumber">
          <xs:annotation>
            <xs:documentation>Reference/permission number of the
            exceptional consignment.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="24"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Examination" minOccurs="0" maxOccurs="10">
    <xs:annotation>
      <xs:documentation>Examination</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="CarrierCode" type="CompanyCode">
          <xs:annotation>
            <xs:documentation>Code of the carrier undertaking
            the examination (see CIM Article 11 sections 2 and 3). </xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="Result">
          <xs:annotation>
            <xs:documentation>Details of the results of any
            examination (see CIM Article 11 sections 2 and 3).</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="180"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
    <xs:annotation>
      <xs:documentation>Formal report</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="CreationDate" type="xs:date">
          <xs:annotation>
            <xs:documentation>Date when the report was made

```



```

out.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Number" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of the report
form.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="13"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="CarrierCode" type="CompanyCode">
    <xs:annotation>
      <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Shunting modal label according to
chapter 5.3.4 RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="13"/>
      <xs:enumeration value="15"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CustomerReference" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Supplied by the customer. Reference
number to link the ECN and delivery note to the same consignment on the
customer side.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="30"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="BookingNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>XrailBooking number for the
consignment</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="24"/>

```

```

        <xs:maxLength value="64"/>
        <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
<xs:sequence>
    <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/>
    <xs:element name="GoodsInWagon" minOccurs="0" maxOccurs="99">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="NoGoodsOfClassX" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Element has to be filled with the
class of the dangerous goods which are mentioned in Table 3.2 RID but are
not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element ref="RID" minOccurs="0" maxOccurs="50"/>
                <xs:element name="Packing" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Packing information</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="NatureOfPacking" minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Nature of packing according to
the UN/ECE Recommendation No 21</xs:documentation>
                                    <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
                                </xs:annotation>
                                <xs:simpleType>
                                    <xs:restriction base="xs:string">
                                        <xs:maxLength value="2"/>
                                        <xs:minLength value="1"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:element>
                            <xs:element name="NumberOfPackages" minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Number of
packages.</xs:documentation>
                                </xs:annotation>
                                <xs:simpleType>
                                    <xs:restriction base="xs:int">
                                        <xs:minInclusive value="1"/>
                                        <xs:maxInclusive value="99999"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:element>
                            <xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
                                <xs:annotation>

```

```

        <xs:documentation>Particular marks and numbers to
identify less than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the
loaded good, given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
    <xs:annotation>
        <xs:documentation>HS-Code for sensible goods (appendix
44c of ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="6"/>
            <xs:maxLength value="10"/>
            <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="EWC_Key" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Numeric key according to the European
Waste Catalogue</xs:documentation>
        <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*" />
        </xs:restriction>
    </xs:simpleType>

```

```
        </xs:simpleType>
      </xs:element>
      <xs:element ref="ReferenceNumbers" minOccurs="0"
maxOccurs="99"/>
      <xs:element ref="ILU" minOccurs="0"/>
      <xs:element ref="RollingRoadUnit" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **Wagons/WagonDetails**



properties	content complex
children	LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment Examination FormalReports ShuntingModalLabel CustomerReference BookingNumber
annotation	documentation Details for the specific wagon
source	<pre> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Seals" minOccurs="0"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:element>
<xs:element ref="Ship" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information for transports, which
shall be handed over to a ship.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of origin country of the
Goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Exceptional Consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="IM_Partner"/>
      <xs:element name="PermissionNumber">
        <xs:annotation>
          <xs:documentation>Reference/permission number of the
exceptional consignment.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="24"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Examination" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Examination</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the carrier undertaking the
examination (see CIM Article 11 sections 2 and 3). </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Result">
        <xs:annotation>
          <xs:documentation>Details of the results of any examination
(see CIM Article 11 sections 2 and 3).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

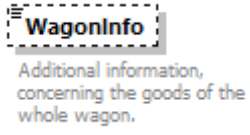
```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Formal report</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CreationDate" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date when the report was made
out.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Number" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Number of the report
form.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="13"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Shunting modal label according to chapter 5.3.4
RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="13"/>
      <xs:enumeration value="15"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CustomerReference" minOccurs="0" maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Supplied by the customer. Reference number to
link the ECN and delivery note to the same consignment on the customer
side.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>

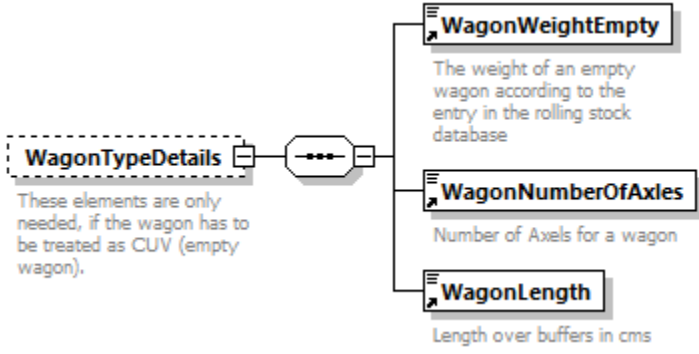
```


	<pre> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xs:maxLength value="64"/> <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"\> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--


element **Wagons/WagonDetails/WagonInfo**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2000</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	2000	
Kind	Value	Annotation								
minLength	1									
maxLength	2000									
annotation	documentation Additional information, concerning the goods of the whole wagon.									
source	<pre> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Wagons/WagonDetails/WagonTypeDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	WagonWeightEmpty WagonNumberOfAxles WagonLength
annotation	documentation These elements are only needed, if the wagon has to be treated as CUV (empty wagon).
source	<pre><xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Wagons/WagonDetails/LoadLimit**

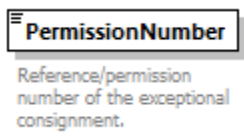
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		totalDigits	4	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	4									
annotation	documentation Load limit from table of load limits in [t].									
source	<pre><xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in </xs:documentation> </xs:element></pre>									

	<pre>[t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	--

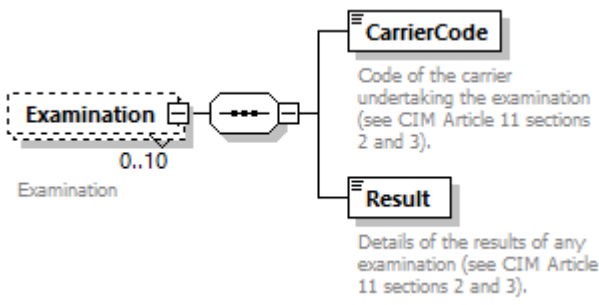
element **Wagons/WagonDetails/ExceptionalConsignment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	IM_Partner PermissionNumber
annotation	documentation Exceptional Consignment
source	<pre><xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Exceptional Consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

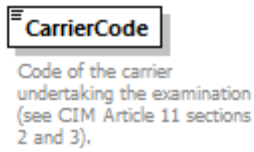
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>24</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Reference/permission number of the exceptional consignment.									
source	<pre> <xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Wagons/WagonDetails/Examination**

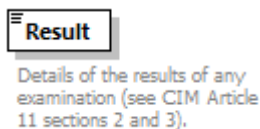
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>10</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	10	content	complex
minOcc	0						
maxOcc	10						
content	complex						
children	CarrierCode Result						
annotation	documentation Examination						
source	<pre> <xs:element name="Examination" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Examination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>						

	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). </xs:documentation> </xs:annotation> </xs:element> <xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/WagonDetails/Examination/CarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). </xs:documentation> </xs:annotation> </xs:element> </pre>												

element **Wagons/WagonDetails/Examination/Result**

diagram	
---------	---

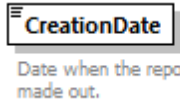
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>180</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	180	
Kind	Value	Annotation								
minLength	1									
maxLength	180									
annotation	documentation Details of the results of any examination (see CIM Article 11 sections 2 and 3).									
source	<pre><xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/WagonDetails/FormalReports**

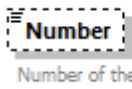
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>15</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	15	content	complex
minOcc	0						
maxOcc	15						
content	complex						
children	CreationDate Number CarrierCode						
annotation	documentation Formal report						
source	<pre><xs:element name="FormalReports" minOccurs="0" maxOccurs="15"> <xs:annotation> <xs:documentation>Formal report</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element></pre>						

	<pre> <xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/WagonDetails/FormalReports/CreationDate**

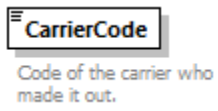
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date when the report was made out.
source	<pre> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Wagons/WagonDetails/FormalReports/Number**

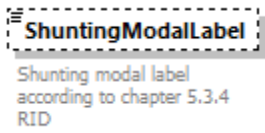
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									

annotation	documentation Number of the report form.
source	<pre> <xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Wagons/WagonDetails/FormalReports/CarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the carrier who made it out.												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **Wagons/WagonDetails/ShuntingModalLabel**

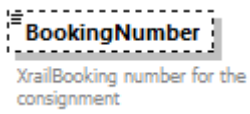
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>15</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	13		enumeration	15	
Kind	Value	Annotation								
enumeration	13									
enumeration	15									

annotation	documentation Shunting modal label according to chapter 5.3.4 RID
source	<pre> <xs:element name="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to chapter 5.3.4 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="13"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

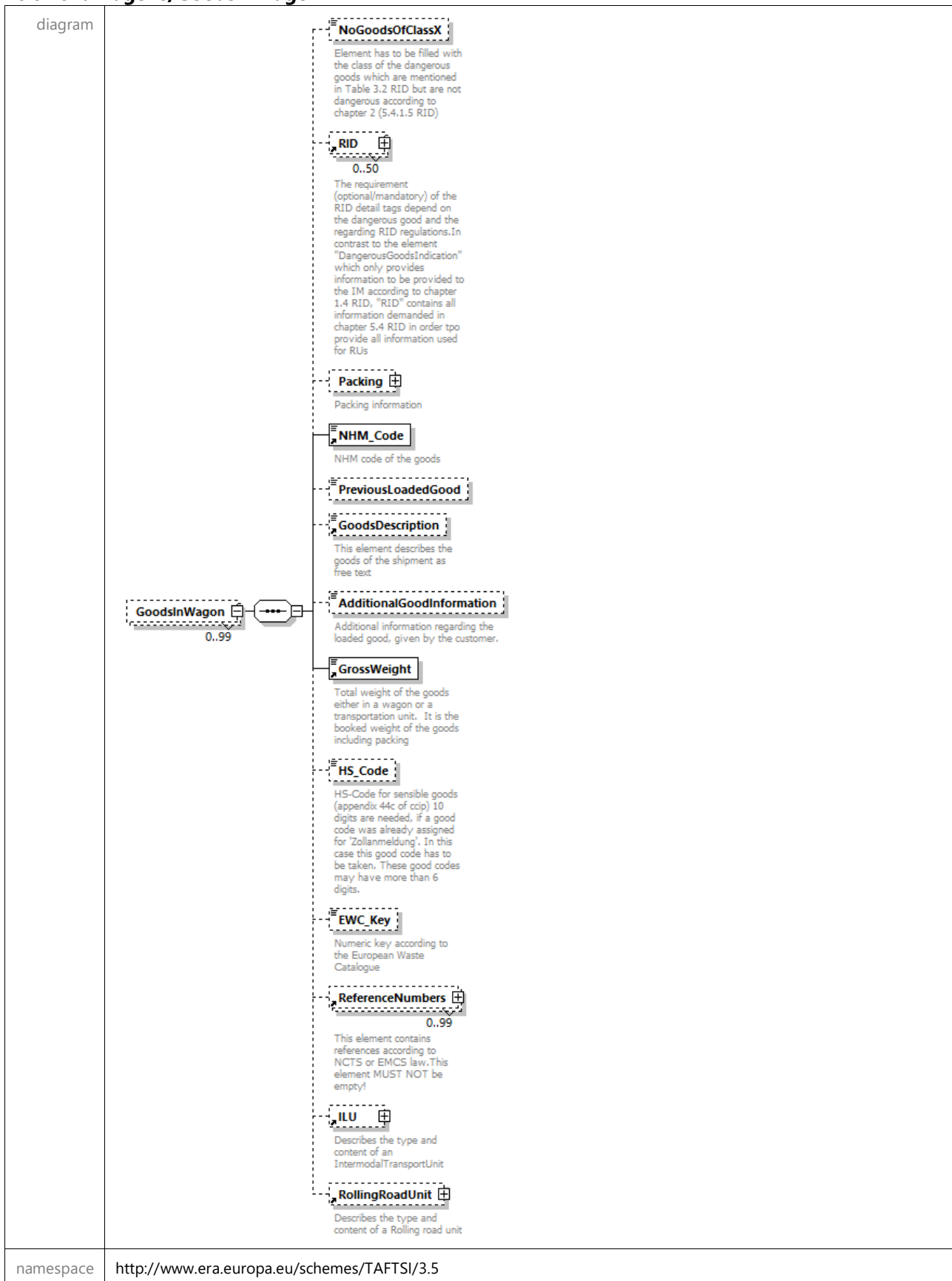
element **Wagons/WagonDetails/CustomerReference**

diagram	 <p>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 5 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	documentation Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.									
source	<pre> <xs:element name="CustomerReference" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Wagons/WagonDetails/BookingNumber**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>24</td> <td></td> </tr> <tr> <td>maxLength</td> <td>64</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{4};[0-9]{17};[a-f0-9-]+</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	24		maxLength	64		pattern	[0-9]{4};[0-9]{17};[a-f0-9-]+	
Kind	Value	Annotation											
minLength	24												
maxLength	64												
pattern	[0-9]{4};[0-9]{17};[a-f0-9-]+												
annotation	documentation XrailBooking number for the consignment												
source	<pre><xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xs:maxLength value="64"/> <xs:pattern value="[0-9]{4};[0-9]{17};[a-f0-9-]+"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **Wagons/GoodsInWagon**



properties	minOcc 0 maxOcc 99 content complex
children	NoGoodsOfClassX RID Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key ReferenceNumbers ILU RollingRoadUnit
used by	element WagonInformation
source	<pre> <xs:element name="GoodsInWagon" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RID" minOccurs="0" maxOccurs="50"/> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

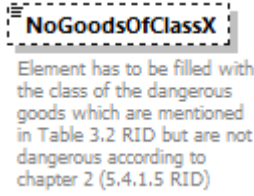
```

        <xs:maxLength value="35"/>
        <xs:minLength value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
    <xs:annotation>
        <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="6"/>
            <xs:maxLength value="10"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="EWC_Key" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Numeric key according to the European Waste
Catalogue</xs:documentation>
        <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99"/>
<xs:element ref="ILU" minOccurs="0"/>
<xs:element ref="RollingRoadUnit" minOccurs="0"/>

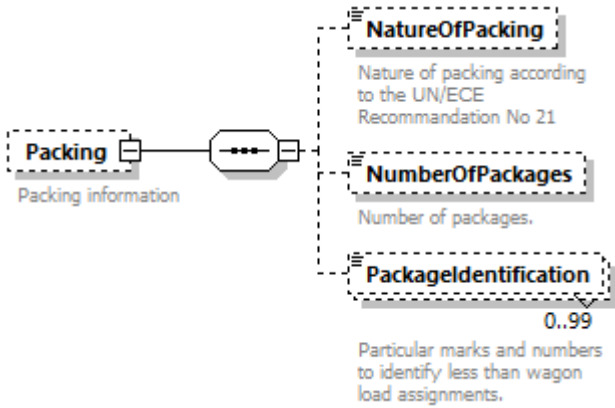
```

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/GoodsInWagon/NoGoodsOfClassX**

diagram	 <p>NoGoodsOfClassX</p> <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
annotation	documentation Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)
source	<pre> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Wagons/GoodsInWagon/Packing**

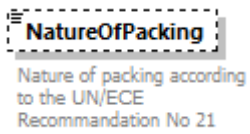
diagram	 <p>Packing Packing information</p> <p>NatureOfPacking Nature of packing according to the UN/ECE Recommendation No 21</p> <p>NumberOfPackages Number of packages.</p> <p>PackageIdentification 0..99 Particular marks and numbers to identify less than wagon load assignments.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification
annotation	documentation Packing information
source	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> </pre>

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="NatureOfPacking" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Nature of packing according to the UN/ECE
Recommendation No 21</xs:documentation>
        <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="2"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="NumberOfPackages" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Number of packages.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99">
      <xs:annotation>
        <xs:documentation>Particular marks and numbers to identify less
than wagon load assignments.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

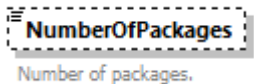
```

element **Wagons/GoodsInWagon/Packing/NatureOfPacking**

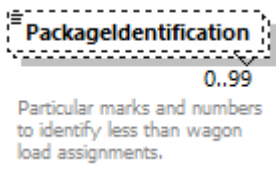
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	<p>documentation Nature of packing according to the UN/ECE Recommendation No 21</p> <p>documentation CODE: UN/ECE-Recommendation No. 21</p>									
source	<pre><xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


element **Wagons/GoodsInWagon/Packing/NumberOfPackages**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	<p>documentation Number of packages.</p>									
source	<pre><xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/GoodsInWagon/Packing/PackageIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 99 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Particular marks and numbers to identify less than wagon load assignments.
source	<pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon/PreviousLoadedGood**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	NHMCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<pre><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></pre>

element **Wagons/GoodsInWagon/AdditionalGoodInformation**

diagram	
---------	---


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre><xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon/HS_Code**

diagram	 <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 6 maxLength 10 pattern \d*[1-9]\d*
annotation	documentation HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.
source	<pre><xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation></pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **Wagons/GoodsInWagon/EWC_Key**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	6		pattern	\d*	
Kind	Value	Annotation											
minLength	2												
maxLength	6												
pattern	\d*												
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC												
source	<pre> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **WagonStatusMessages**

diagram	<pre> classDiagram class WagonStatusMessages { MessageHeader WagonStatusMessage 1..500 } class MessageHeader { "Used for all messages" } class WagonStatusMessage { "used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems)" } WagonStatusMessages --> MessageHeader WagonStatusMessages --> WagonStatusMessage </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader WagonStatusMessage
annotation	documentation Always MANDATORY, independent whether only one or more messages are in the file
source	<pre> <xs:element name="WagonStatusMessages"> <xs:annotation> <xs:documentation>Always MANDATORY, independent whether only one or more messages are in the file </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="WagonStatusMessage" maxOccurs="500"> <xs:annotation> <xs:documentation>used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Wagon Status Message</xs:documentation> </xs:annotation> <xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:documentation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="WagonNumberFreight"/> <xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="EventType"/>
    <xs:element name="EventDateTime" type="xs:dateTime">
      <xs:annotation>
        <xs:documentation>Event Time Stamp </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="EventLocationInformation" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Information concerning the event
location. Optional for event types 06 and 16, these events may not have a
location. But for all remaining event types, at least one of the elements
EventLocation or Position should be sent</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="EventLocation"
type="LocationIdent" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Location where the event
happend</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="Position" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Geo coordinates of the wagon
event location in WGS84 as used in the CRD</xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:sequence>
                <xs:element name="Latitude"
type="xs:decimal"/>
                <xs:element name="Longitude"
type="xs:decimal"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="LoadingStatus" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Loading status of the equipment. 0=Empty,
1=Loaded</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:enumeration value="0"/>
          <xs:enumeration value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingLocation" type="LocationIdent"

```

```

minOccurs="0">
  <xs:annotation>
    <xs:documentation>Shipping Station ( TAF location code with
optional SLC type 42 or 36)</xs:documentation>
    <xs:documentation>use here the station code of the station
the wagon has started its transport run</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DestinationLocation" type="LocationIdent"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Destination Station ( TAF location code
with optional SLC type 42 or 36)</xs:documentation>
    <xs:documentation>use here the station code of the station
the wagon shall terminate its transport run </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Train" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="OperationalTrainNumberIdentifier">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="OperationalTrainNumber"/>
            <xs:element ref="ScheduledTimeAtHandover"
minOccurs="0"/>
            <xs:element ref="ScheduledDateTimeAtTransfer"
minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="TrainOperatingRU" type="CompanyCode"
minOccurs="0"/>
      <xs:element ref="TrainOperationalIdentification"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>TAF TrainID of the related
train</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TrainDepartureDate" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Out only: Departure Date of the
Train </xs:documentation>
          <xs:documentation>use here the date the train left
origin using this train number</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ConsignmentIdentification" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of Identifications for the
consignment In order to identify the consignment(s) on the wagon, the
Controllabel and or DossierNumber for each consignment must be present if

```

```

the wagon is loaded and the Consignment Note is already
available</xs:documentation>
  <xs:documentation>consignment note number (without carrier
(due to history))</xs:documentation>
  </xs:annotation>
  <xs:complexType>
  <xs:sequence>
    <xs:element name="ControlLabel" minOccurs="0">
      <xs:complexType>
      <xs:sequence>
        <xs:element name="ShippingCountry">
          <xs:annotation>
            <xs:documentation>Forwarding UIC Country
Code</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="2">
                <xs:annotation>
                  <xs:documentation>= 2N = UIC country code
according to UIC leaflet 920-14</xs:documentation>
                </xs:annotation>
              </xs:length>
              <xs:pattern value="\d*[1-9]\d*" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="ShippingStationCode">
          <xs:annotation>
            <xs:documentation>UIC Code of the shipping
station</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1" />
              <xs:maxLength value="5" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="ShippingStationName"
minOccurs="0">
          <xs:annotation>
            <xs:documentation>Name of the shipping
station</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1" />
              <xs:maxLength value="24" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="ShippingCarrier"
type="CompanyCode" minOccurs="0">
          <xs:annotation>
            <xs:documentation>RICS Code of the RU who
created the consignment identification (not necessarily the first carrier in
the transport chain)</xs:documentation>

```

```

        </xs:annotation>
      </xs:element>
      <xs:element name="AcceptanceDate" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Forwarding
Date</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ConsignmentNumber"
type="ConsignmentIdent"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="DossierNumber" type="xs:string"
minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
  <xs:element ref="Routing" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Route information. Keep the sequence of
each part of the route!</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CarriersInvolved" minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Carrier" maxOccurs="20">
          <xs:annotation>
            <xs:documentation>Carrier(s)
involved</xs:documentation>
          </xs:annotation>
        </xs:complexType>
        <xs:sequence>
          <xs:element name="RU" type="CompanyCode">
            <xs:annotation>
              <xs:documentation>Carrier (Railway
Code)</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element ref="CarrierStatus" minOccurs="0"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="WagonJourneyIrregularity" minOccurs="0">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="DamageCodes" minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
              <xs:documentation>List of Damage Codes according to
description in GCU Appendix 9 Annex 1</xs:documentation>
            </xs:annotation>
          </xs:complexType>

```



```

<xs:sequence>
  <xs:element name="DamageCodePosition1">
    <xs:simpleType>
      <xs:restriction base="xs:short">
        <xs:minInclusive value="1"/>
        <xs:maxInclusive value="99"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="DamageCodePosition2"
minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:short">
        <xs:minInclusive value="1"/>
        <xs:maxInclusive value="99"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="DamageCodePosition3"
minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:short">
        <xs:minInclusive value="1"/>
        <xs:maxInclusive value="99"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="DamageCodePosition4"
minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:short">
        <xs:minInclusive value="1"/>
        <xs:maxInclusive value="99"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="DamageOldOrNew" minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:short">
        <xs:enumeration value="0"/>
        <xs:enumeration value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
  <xs:element name="IsAbleToRun" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>True if the damage does not cause an
interruption of the transport run. False otherwise: The damage causes an
interruption of the transport run (the wagon has to be repaired, the
loading of the good has to be bettered, . . .</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
--	--

element **WagonStatusMessages/WagonStatusMessage**

<p>diagram</p>	<p>used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems)</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 1 maxOcc 500 content complex</p>
<p>children</p>	<p>ReportingRU MessageCreationDateTime WagonNumberFreight Event LoadingStatus ShippingLocation</p>

	<u>DestinationLocation Train ConsignmentIdentification Routing CarriersInvolved WagonJourneyIrregularity</u>
annotation	documentation used to describe one event of one wagon (all bounded elements are bounded to to obligations of legacy systems)
source	<pre> <xs:element name="WagonStatusMessage" maxOccurs="500"> <xs:annotation> <xs:documentation>used to describe one event of one wagon (all bounded elements are bounded to to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Wagon Status Message</xs:documentation> </xs:annotation> <xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:documentation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="WagonNumberFreight"/> <xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EventType"/> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> <xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </pre>

```

</xs:element>
<xs:element name="Position" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Geo coordinates of the wagon event
location in WGS84 as used in the CRD</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Latitude" type="xs:decimal"/>
      <xs:element name="Longitude" type="xs:decimal"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LoadingStatus" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Loading status of the equipment. 0=Empty,
1=Loaded</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ShippingLocation" type="LocationIdent"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Shipping Station ( TAF location code with
optional SLC type 42 or 36)</xs:documentation>
    <xs:documentation>use here the station code of the station the
wagon has started its transport run</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DestinationLocation" type="LocationIdent"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Destination Station ( TAF location code with
optional SLC type 42 or 36)</xs:documentation>
    <xs:documentation>use here the station code of the station the
wagon shall terminate its transport run </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Train" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="OperationalTrainNumberIdentifier">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="OperationalTrainNumber"/>
            <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/>
            <xs:element ref="ScheduledDateTimeAtTransfer"

```

```

minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="TrainOperatingRU" type="CompanyCode"
minOccurs="0"/>
  <xs:element ref="TrainOperationalIdentification" minOccurs="0">
    <xs:annotation>
      <xs:documentation>TAF TrainID of the related
train</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TrainDepartureDate" type="xs:date"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Out only: Departure Date of the Train
</xs:documentation>
      <xs:documentation>use here the date the train left origin
using this train number</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ConsignmentIdentification" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of Identifications for the consignment In
order to identify the consignment(s) on the wagon, the ControlLabel and or
DossierNumber for each consignment must be present if the wagon is loaded
and the Consignment Note is already available</xs:documentation>
    <xs:documentation>consignment note number (without carrier (due to
history))</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ControlLabel" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ShippingCountry">
              <xs:annotation>
                <xs:documentation>Forwarding UIC Country
Code</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2">
                    <xs:annotation>
                      <xs:documentation>= 2N = UIC country code
according to UIC leaflet 920-14</xs:documentation>
                    </xs:annotation>
                  </xs:length>
                  <xs:pattern value="\d*[1-9]\d*"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ShippingStationCode">
              <xs:annotation>

```

```

        <xs:documentation>UIC Code of the shipping
station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="5"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingStationName" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Name of the shipping
station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="24"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingCarrier" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>RICS Code of the RU who created the
consignment identification (not necessarily the first carrier in the
transport chain)</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="AcceptanceDate" type="xs:date"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Forwarding Date</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="ConsignmentNumber"
type="ConsignmentIdent"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element name="DossierNumber" type="xs:string"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element ref="Routing" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Route information. Keep the sequence of each
part of the route!</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="CarriersInvolved" minOccurs="0">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="Carrier" maxOccurs="20">
                    <xs:annotation>
                        <xs:documentation>Carrier(s) involved</xs:documentation>

```


```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="RU" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Carrier (Railway
Code)</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="CarrierStatus" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="WagonJourneyIrregularity" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DamageCodes" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>List of Damage Codes according to
description in GCU Appendix 9 Annex 1</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DamageCodePosition1">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DamageCodePosition2" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DamageCodePosition3" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DamageCodePosition4" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

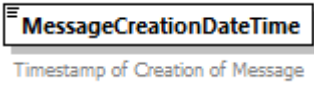
```


	<pre> </xs:element> <xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

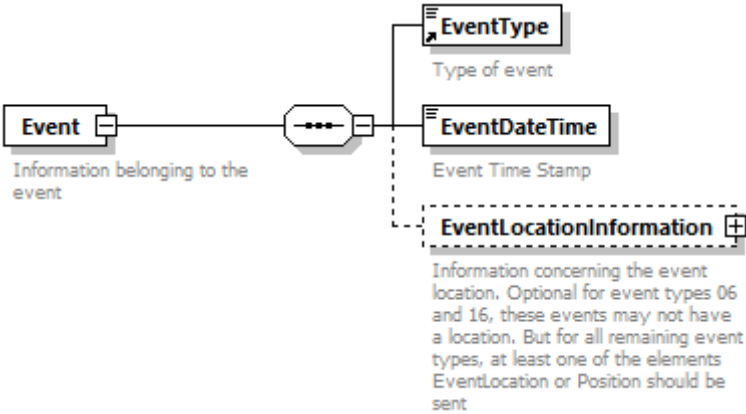
element **WagonStatusMessages/WagonStatusMessage/ReportingRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Company (RICS) Code of the RU who is reporting the event												
source	<pre> <xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **WagonStatusMessages/WagonStatusMessage/MessageCreationDateTime**

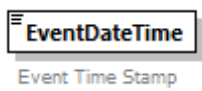
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Timestamp of Creation of Message documentation the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application
source	<pre><xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:documentation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonStatusMessages/WagonStatusMessage/Event**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	EventType EventDateTime EventLocationInformation
annotation	documentation Information belonging to the event
source	<pre><xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EventType"/> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **WagonStatusMessages/WagonStatusMessage/Event/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Event Time Stamp
source	<pre> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation**

<p>diagram</p>	<p>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</p> <p>EventLocation Location where the event happend</p> <p>Position Geo coordinates of the wagon event location in WGS84 as used in the CRD</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>EventLocation Position</p>
<p>annotation</p>	<p>documentation Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</p>
<p>source</p>	<pre><xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLocation

diagram	<p>The diagram shows an EventLocation element (dashed box) containing a complex type LocationIdent (yellow box). LocationIdent contains four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Location where the event happend
source	<pre><xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </xs:element></pre>

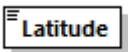
element WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position

diagram	<p>The diagram shows a Position element (dashed box) containing a complex type that contains two child elements: Latitude and Longitude. The description for Position is "Geo coordinates of the wagon event location in WGS84 as used in the CRD".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Latitude Longitude
annotation	documentation Geo coordinates of the wagon event location in WGS84 as used in the CRD
source	<pre><xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType></pre>

	<pre> <xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--


element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position/Latitude

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
used by	element GeographicCoordinates
source	<code><xs:element name="Latitude" type="xs:decimal"/></code>

element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position/Longitude

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
used by	element GeographicCoordinates
source	<code><xs:element name="Longitude" type="xs:decimal"/></code>

element **WagonStatusMessages/WagonStatusMessage/LoadingStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
used by	elements ILU_Details ITU_Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation
facets	Kind Value Annotation enumeration 0 enumeration 1

annotation	documentation Loading status of the equipment. 0=Empty, 1=Loaded
source	<pre> <xs:element name="LoadingStatus" minOccurs="0"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/ShippingLocation**

diagram	<p>The diagram shows a class ShippingLocation (Shipping Station (TAF location code with optional SLC type 42 or 36)) which is a complex type. It contains four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location). The LocationIdent container is highlighted in yellow.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Shipping Station (TAF location code with optional SLC type 42 or 36) documentation use here the station code of the station the wagon has started its transport run
source	<pre> <xs:element name="ShippingLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Shipping Station (TAF location code with optional SLC type 42 or 36)</xs:documentation> <xs:documentation>use here the station code of the station the wagon has started its transport run</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/DestinationLocation**

<p>diagram</p>	<p>The diagram illustrates the structure of the DestinationLocation element. It is a complex type that contains four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The CountryCodeISO element is described as identifying a country or state by code (ISO 3166-1). The LocationPrimaryCode element is a code. The PrimaryLocationName element is the location name in an official language of the country using the ISO Unicode alphabet. The LocationSubsidiaryIdentification element is the code, name, and allocation company of a subsidiary location. The DestinationLocation element is described as a destination station (TAF location code with optional SLC type 42 or 36).</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Destination Station (TAF location code with optional SLC type 42 or 36) documentation use here the station code of the station the wagon shall terminate its transport run</p>
<p>source</p>	<pre><xs:element name="DestinationLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Destination Station (TAF location code with optional SLC type 42 or 36)</xs:documentation> <xs:documentation>use here the station code of the station the wagon shall terminate its transport run </xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonStatusMessages/WagonStatusMessage/Train**

<p>diagram</p>	<p>The diagram illustrates the structure of the Train element. It is a complex type that contains four child elements: OperationalTrainNumberIdentifier, TrainOperatingRU, TrainOperationalIdentification, and TrainDepartureDate. The OperationalTrainNumberIdentifier element is a number. The TrainOperatingRU element is a code. The TrainOperationalIdentification element is the TAF TrainID of the related train. The TrainDepartureDate element is the departure date of the train, which is only present for outgoing trains. The Train element is described as a train.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>

properties	minOcc 0 maxOcc 1 content complex
children	OperationalTrainNumberIdentifier TrainOperatingRU TrainOperationalIdentification TrainDepartureDate
source	<pre> <xs:element name="Train" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"> <xs:annotation> <xs:documentation>TAF TrainID of the related train</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainDepartureDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Out only: Departure Date of the Train </xs:documentation> <xs:documentation>use here the date the train left origin using this train number</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer

used by	elements AffectedLocation AffectedSection ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre><xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
source	<pre><xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/></pre>												

element **WagonStatusMessages/WagonStatusMessage/Train/TrainDepartureDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation Out only: Departure Date of the Train</p> <p>documentation use here the date the train left origin using this train number</p>
source	<pre><xs:element name="TrainDepartureDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Out only: Departure Date of the Train </xs:documentation> <xs:documentation>use here the date the train left origin using this train number</xs:documentation> </xs:annotation></pre>

`</xs:element>`element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification**

diagram	<p>List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	ControlLabel DossierNumber
annotation	documentation List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available documentation consignment note number (without carrier (due to history))
source	<pre> <xs:element name="ConsignmentIdentification" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available</xs:documentation> <xs:documentation>consignment note number (without carrier (due to history))</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ControlLabel" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="ShippingCountry"> <xs:annotation> <xs:documentation>Forwarding UIC Country Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"> <xs:annotation> <xs:documentation>= 2N = UIC country code according to UIC leaflet 920-14</xs:documentation> </xs:annotation> </xs:length> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

    </xs:simpleType>
  </xs:element>
  <xs:element name="ShippingStationCode">
    <xs:annotation>
      <xs:documentation>UIC Code of the shipping
station</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="5"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ShippingStationName" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Name of the shipping
station</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="24"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ShippingCarrier" type="CompanyCode"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>RICS Code of the RU who created the
consignment identification (not necessarily the first carrier in the
transport chain)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="AcceptanceDate" type="xs:date" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Forwarding Date</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ConsignmentNumber" type="ConsignmentIdent"/>
</xs:sequence>
</xs:complexType>
</xs:element>
  <xs:element name="DossierNumber" type="xs:string" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>ShippingCountry ShippingStationCode ShippingStationName ShippingCarrier AcceptanceDate ConsignmentNumber</p>
<p>source</p>	<pre><xs:element name="ControlLabel" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="ShippingCountry"> <xs:annotation> <xs:documentation>Forwarding UIC Country Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"> <xs:annotation> <xs:documentation>= 2N = UIC country code according to UIC leaflet 920-14</xs:documentation> </xs:annotation> </xs:length> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShippingStationCode"> <xs:annotation> <xs:documentation>UIC Code of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>

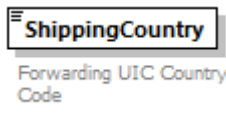
```

        <xs:minLength value="1"/>
        <xs:maxLength value="5"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ShippingStationName" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of the shipping station</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="24"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ShippingCarrier" type="CompanyCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>RICS Code of the RU who created the consignment
identification (not necessarily the first carrier in the transport
chain)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="AcceptanceDate" type="xs:date" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Forwarding Date</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ConsignmentNumber" type="ConsignmentIdent"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCountry

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>2</td> <td>documentation</td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td>= 2N = UIC country code according to UIC leaflet 920-14</td> </tr> </table>	Kind	Value	Annotation	length	2	documentation	pattern	\d*[1-9]\d*	= 2N = UIC country code according to UIC leaflet 920-14
Kind	Value	Annotation								
length	2	documentation								
pattern	\d*[1-9]\d*	= 2N = UIC country code according to UIC leaflet 920-14								
annotation	documentation Forwarding UIC Country Code									
source	<pre> <xs:element name="ShippingCountry"> <xs:annotation> <xs:documentation>Forwarding UIC Country Code</xs:documentation> </xs:annotation> </pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"> <xs:annotation> <xs:documentation>= 2N = UIC country code according to UIC leaflet 920-14</xs:documentation> </xs:annotation> </xs:length> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---


element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStationCode

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation UIC Code of the shipping station									
source	<pre> <xs:element name="ShippingStationCode"> <xs:annotation> <xs:documentation>UIC Code of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element


WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStationName

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 24
annotation	documentation Name of the shipping station
source	<pre><xs:element name="ShippingStationName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element

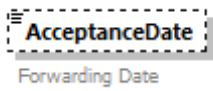
WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCarrier

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)
source	<pre><xs:element name="ShippingCarrier" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)</xs:documentation> </xs:annotation> </xs:element></pre>

element


WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/AcceptanceD

ate

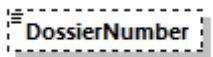
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forwarding Date
source	<pre><xs:element name="AcceptanceDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Forwarding Date</xs:documentation> </xs:annotation> </xs:element></pre>

element

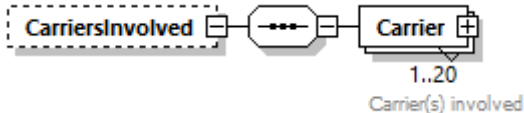
WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/Consignment Number

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
source	<pre><xs:element name="ConsignmentNumber" type="ConsignmentIdent"/></pre>

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/DossierNumber**

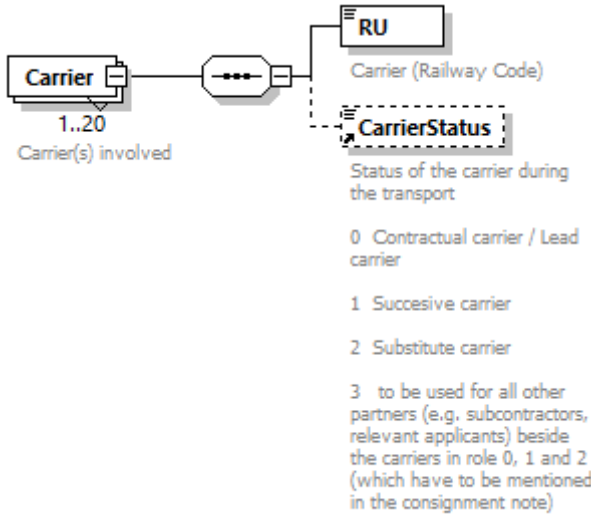
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="DossierNumber" type="xs:string" minOccurs="0"/></pre>

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved**

diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Carrier
source	<pre> <xs:element name="CarriersInvolved" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Carrier" maxOccurs="20"> <xs:annotation> <xs:documentation>Carrier(s) involved</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CarrierStatus" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier**

diagram	 <p>Carrier (1..20) Carrier(s) involved</p> <p>RU Carrier (Railway Code)</p> <p>CarrierStatus Status of the carrier during the transport</p> <ul style="list-style-type: none"> 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 20 content complex
children	RU CarrierStatus
annotation	documentation Carrier(s) involved

source	<pre> <xs:element name="Carrier" maxOccurs="20"> <xs:annotation> <xs:documentation>Carrier(s) involved</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CarrierStatus" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	--

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier/RU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Carrier (Railway Code)												
source	<pre> <xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>DamageCodes IsAbleToRun</p>
<p>source</p>	<pre> <xs:element name="WagonJourneyIrregularity" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of Damage Codes according to description in GCU Appendix 9 Annex 1</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DamageCodePosition1"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition2" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition3" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition4" minOccurs="0"> </pre>

```

<xs:simpleType>
  <xs:restriction base="xs:short">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="99"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="DamageOldOrNew" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:short">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>True if the damage does not cause an
interruption of the transport run. False otherwise: The damage causes an
interruption of the transport run (the wagon has to be repaired, the
loading of the good has to be bettered, . . .</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes**

diagram	<p>List of Damage Codes according to description in GCU Appendix 9 Annex 1</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	DamageCodePosition1 DamageCodePosition2 DamageCodePosition3 DamageCodePosition4 DamageOldOrNew
annotation	documentation List of Damage Codes according to description in GCU Appendix 9 Annex 1
source	<xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of Damage Codes according to description in GCU Appendix 9 Annex 1</xs:documentation>

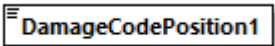
```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DamageCodePosition1">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageCodePosition2" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageCodePosition3" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageCodePosition4" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageOldOrNew" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:enumeration value="0"/>
          <xs:enumeration value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element

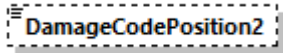
WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition1

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:short									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
source	<pre><xs:element name="DamageCodePosition1"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

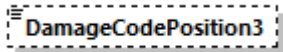
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition2

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
source	<pre><xs:element name="DamageCodePosition2" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element


WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition3

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:short						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
source	<pre><xs:element name="DamageCodePosition3" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

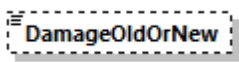
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition4

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
source	<pre><xs:element name="DamageCodePosition4" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageOldOrNew

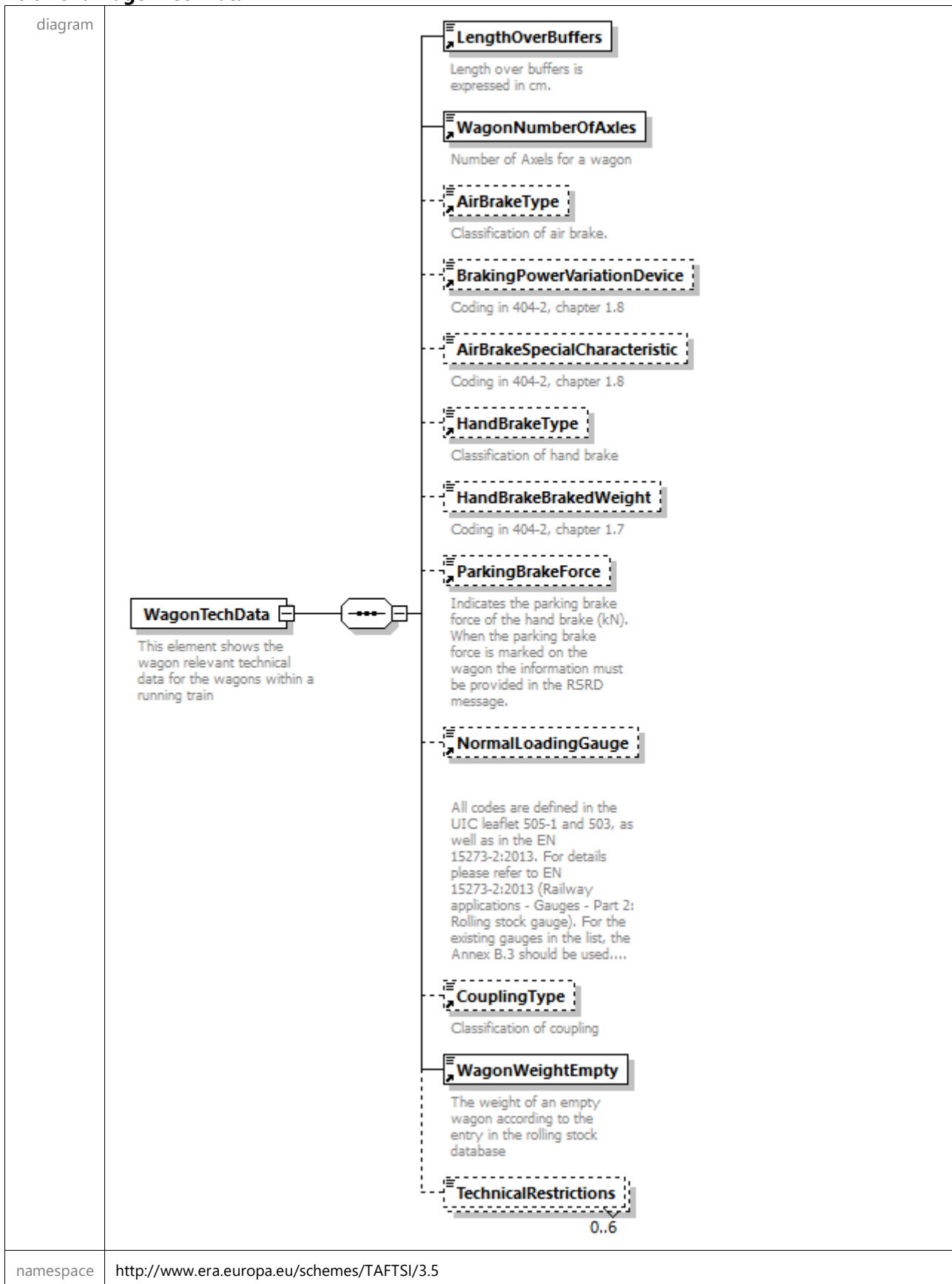
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:short									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									

source	<pre><xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
--------	---

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/IsAbleToRun**

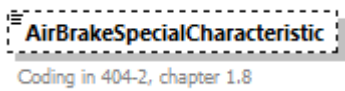
diagram	 <p>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .
source	<pre><xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonTechData**

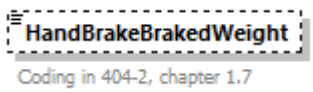


properties	content complex
children	LengthOverBuffers WagonNumberOfAxles ns1:AirBrakeType ns1:BrakingPowerVariationDevice AirBrakeSpecialCharacteristic ns1:HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce ns1:NormalLoadingGauge ns1:CouplingType WagonWeightEmpty TechnicalRestrictions
used by	element WagonData
annotation	documentation This element shows the wagon relevant technical data for the wagons within a running train
source	<pre> <xs:element name="WagonTechData"> <xs:annotation> <xs:documentation>This element shows the wagon relevant technical data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LengthOverBuffers"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="AirBrakeType" minOccurs="0"/> <xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/> <xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="HandBrakeType" minOccurs="0"/> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> <xs:element ref="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="CouplingType" minOccurs="0"/> <xs:element ref="WagonWeightEmpty"/> <xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

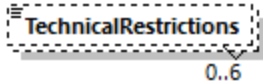
element **WagonTechData/AirBrakeSpecialCharacteristic**

diagram	 Coding in 404-2, chapter 1.8
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9
annotation	documentation Coding in 404-2, chapter 1.8
source	<pre><xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

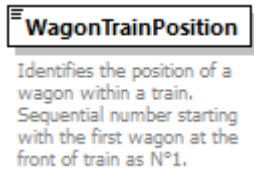
element **WagonTechData/HandBrakeBrakedWeight**

diagram	 Coding in 404-2, chapter 1.7
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 000 maxInclusive 999
annotation	documentation Coding in 404-2, chapter 1.7
source	<pre><xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

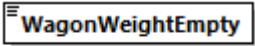
element **WagonTechData/TechnicalRestrictions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric2-2
properties	minOcc 0 maxOcc 6 content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<pre><xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/></pre>

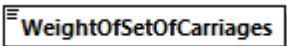
element **WagonTrainPosition**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple
used by	element WagonData
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
source	<pre><xs:element name="WagonTrainPosition"> <xs:annotation> <xs:documentation>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

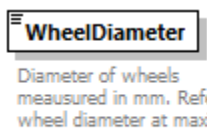
element **WagonWeightEmpty**

diagram	 <p>The weight of an empty wagon according to the entry in the rolling stock database</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The weight of an empty wagon according to the entry in the rolling stock database												
source	<pre><xs:element name="WagonWeightEmpty" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of an empty wagon according to the entry in the rolling stock database</xs:documentation> </xs:annotation> </xs:element></pre>												

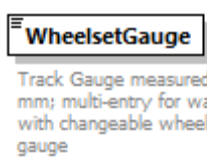
element **WeightOfSetOfCarriages**

diagram	 <p>The calculated maximum weight of all carriages without the traction</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WeightValueTonne									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The calculated maximum weight of all carriages without the traction									
source	<pre><xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The calculated maximum weight of all carriages without the traction</xs:documentation> </xs:annotation> </xs:element></pre>									

element **WheelDiameter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Diameter of wheels measured in mm. Reference wheel diameter at maximum.									
source	<pre><xs:element name="WheelDiameter"> <xs:annotation> <xs:documentation>Diameter of wheels measured in mm. Reference wheel diameter at maximum. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WheelsetGauge**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge									
source	<pre><xs:element name="WheelsetGauge"> <xs:annotation></pre>									

	<pre> <xs:documentation>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **Width**

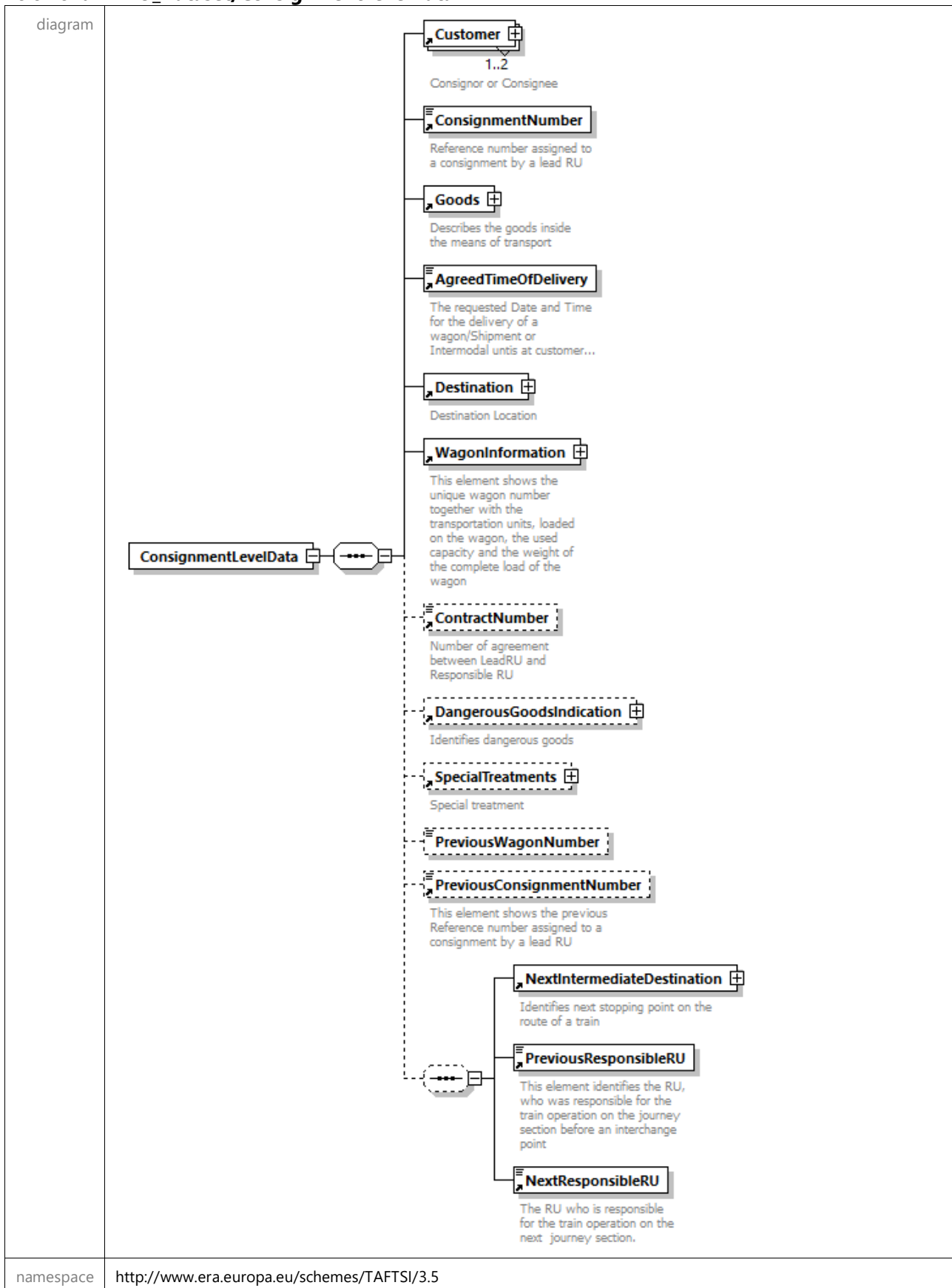
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Width of ITU
source	<pre> <xs:element name="Width"> <xs:annotation> <xs:documentation>Width of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ConsignmentLevelData EventLevelData RollingStockDataset

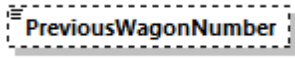
annotation	documentation Comment describing your root element
source	<pre> <xs:element name="WIMO_Dataset"> <xs:annotation> <xs:documentation>Comment describing your root element</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent " minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="RollingStockDataset"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset/ConsignmentLevelData**



properties	content complex
children	Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU
source	<pre> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset/ConsignmentLevelData/PreviousWagonNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WagonIdent									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
source	<pre><xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/></pre>									

element **WIMO_Dataset/EventLevelData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonEventInformation VesselIndication
source	<pre> <xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **YardArrival**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location ArrivalTimeAtLocationActual
annotation	documentation The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre> <xs:element name="YardArrival"> <xs:annotation> <xs:documentation>The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocationActual"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **YardDeparture**

diagram	<p>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p> <p>Identifies a Location using a LocationIdent</p> <p>the scheduled departure date and time at a defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DepartureTimeAtLocation
annotation	documentation The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre><xs:element name="YardDeparture"> <xs:annotation> <xs:documentation>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element></pre>

complexType **CargoCodeType**

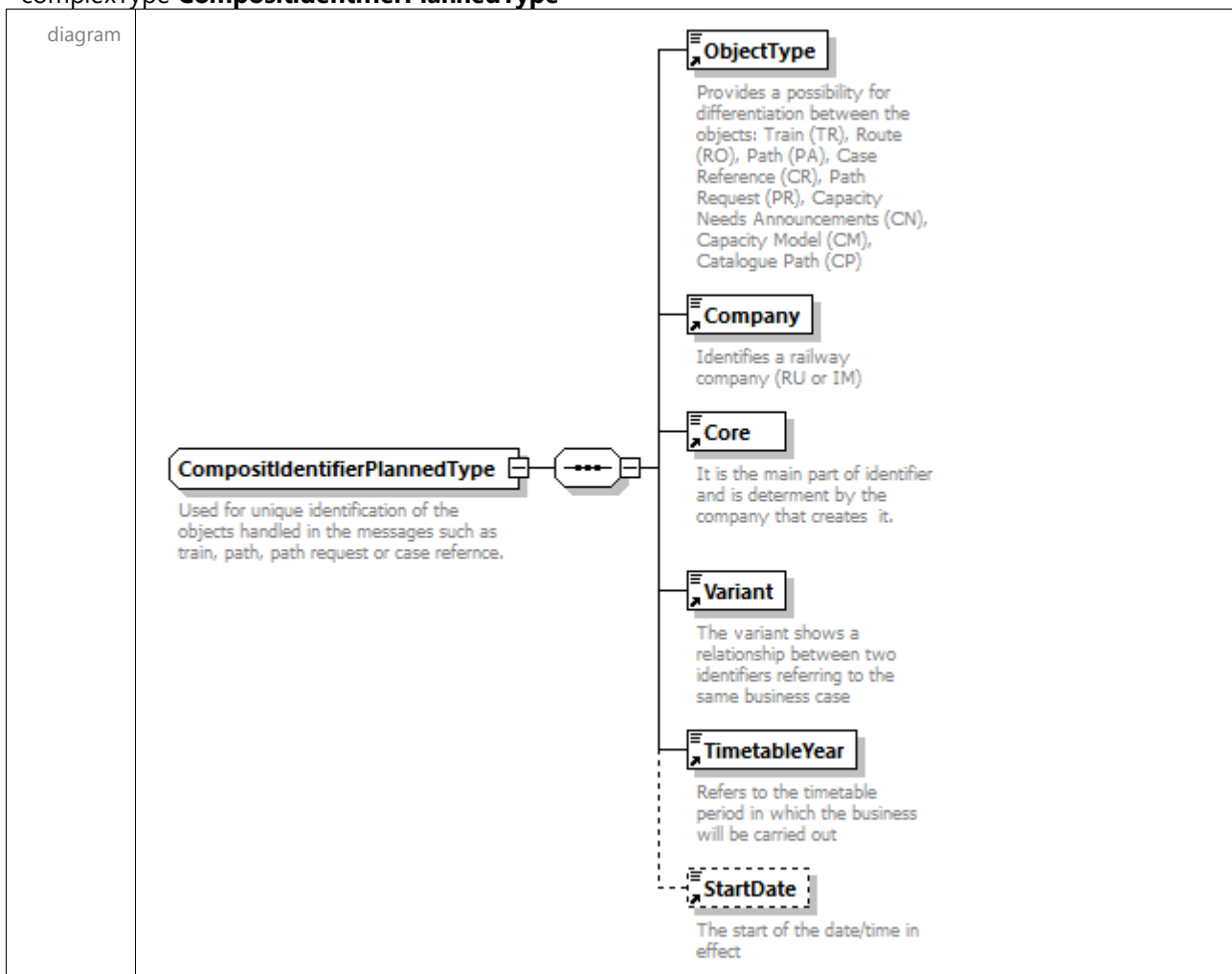
diagram	<p>Identification of the Cargo and the nomenclature used</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	extension of FreeText									
properties	base FreeText									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identification of the Cargo and the nomenclature used									
source	<pre><xs:complexType name="CargoCodeType"> <xs:annotation> <xs:documentation>Identification of the Cargo and the nomenclature used</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="FreeText"/> </xs:simpleContent> </xs:complexType></pre>									

complexType **CompositIdentifierOperationalType**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>elements RelatedTransportOperationalIdentifiers TrainID TransportOperationalIdentifiers</p>
<p>annotation</p>	<p>documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p>
<p>source</p>	<pre><xs:complexType name="CompositIdentifierOperationalType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> </xs:sequence> </xs:complexType></pre>

	<pre> <xs:element ref="StartDate"> <xs:annotation> <xs:documentation>Is only used in the operational phase and refers to the date where the single train will start the train journey</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---


complexType **CompositIdentifierPlannedType**



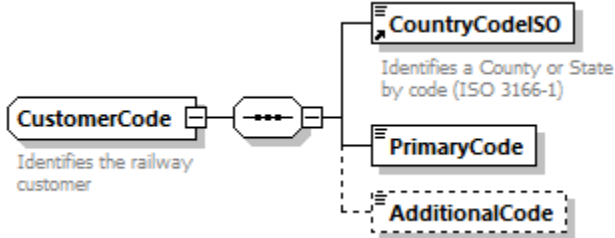
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case refernce.
source	<pre> <xs:complexType name="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case </pre>

	<pre> reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **ConsignmentIdent**

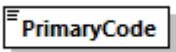
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of xs:string
properties	base xs:string
used by	element ConsignmentNumber s WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ConsignmentNumber PreviousConsignmentNumber
annotation	documentation Identifies a waybill by its number and type
source	<pre> <xs:complexType name="ConsignmentIdent"> <xs:annotation> <xs:documentation>Identifies a waybill by its number and type</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"/> </xs:simpleContent> </xs:complexType> </pre>

complexType **CustomerCode**

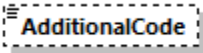
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	CountryCodeISO PrimaryCode AdditionalCode
used by	element Customer

annotation	documentation Identifies the railway customer
source	<pre><xs:complexType name="CustomerCode"> <xs:annotation> <xs:documentation>Identifies the railway customer</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="PrimaryCode" type="String1-14"/> <xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

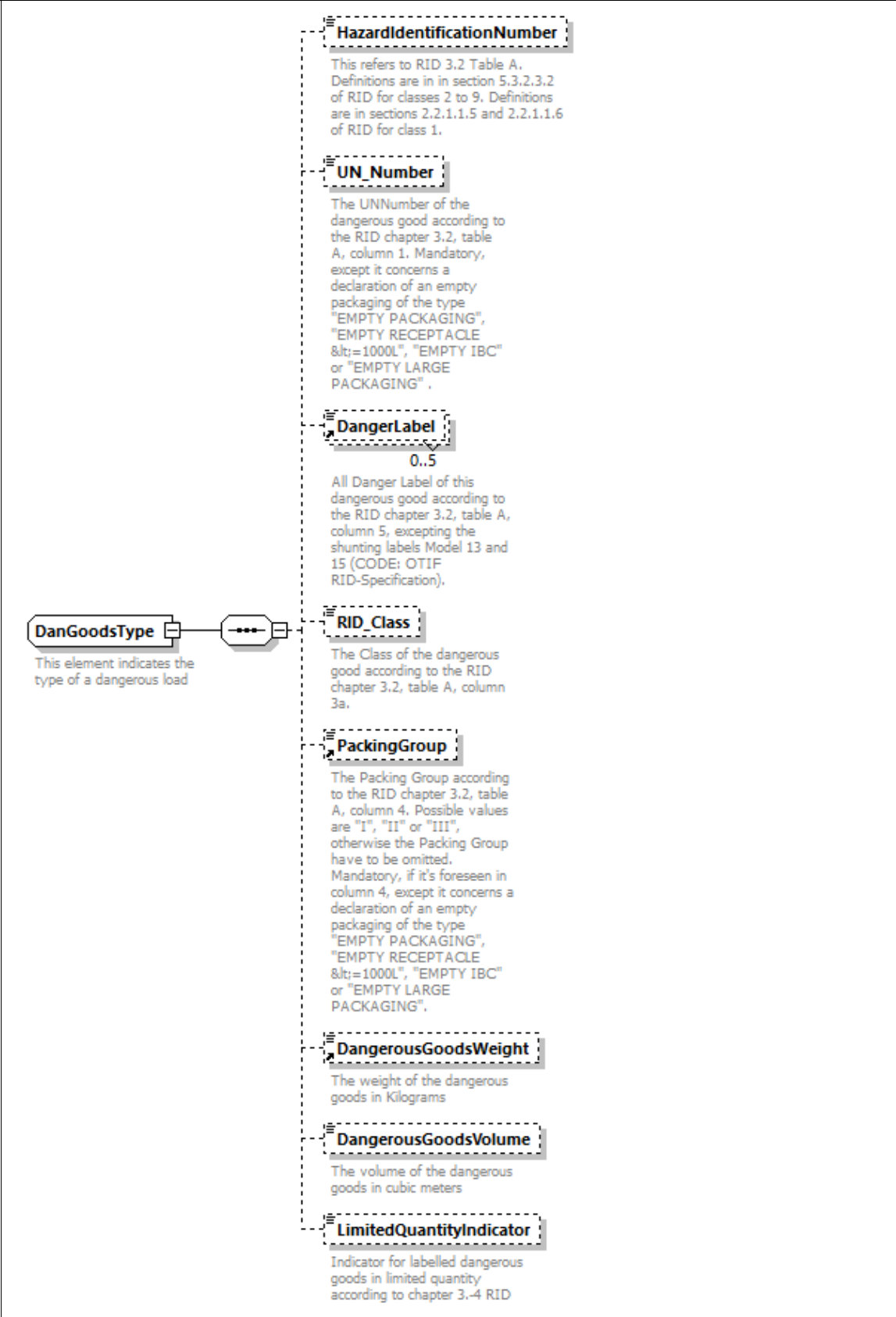
element **CustomerCode/PrimaryCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-14									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>14</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<pre><xs:element name="PrimaryCode" type="String1-14"/></pre>									

element **CustomerCode/AdditionalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	String1-7									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	7	
Kind	Value	Annotation								
minLength	1									
maxLength	7									
source	<pre><xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/></pre>									

complexType **DanGoodsType**

<p>diagram</p> 	<p>HazardIdentificationNumber</p> <p>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</p> <p>UN_Number</p> <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerLabel</p> <p>0..5</p> <p>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> <p>RID_Class</p> <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> <p>PackingGroup</p> <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerousGoodsWeight</p> <p>The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume</p> <p>The volume of the dangerous goods in cubic meters</p> <p>LimitedQuantityIndicator</p> <p>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>

children	HazardIdentificationNumber UN_Number ns1:DangerLabel RID_Class ns1:PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	element DangerousGoodsIndication
annotation	documentation This element indicates the type of a dangerous load
source	<pre> <xs:complexType name="DanGoodsType"> <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5" /> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> </pre>

```

        <xs:annotation>
          <xs:documentation>Explosive materials, division
1.4</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    <xs:enumeration value="1.5">
      <xs:annotation>
        <xs:documentation>Explosive materials, division
1.5</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1.6">
      <xs:annotation>
        <xs:documentation>Explosive materials, division
1.6</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.1">
      <xs:annotation>
        <xs:documentation>Flammable gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.2">
      <xs:annotation>
        <xs:documentation>Non-flammable, non-toxic
gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.3">
      <xs:annotation>
        <xs:documentation>Toxic gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Flammable liquids</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.1">
      <xs:annotation>
        <xs:documentation>Flammable solids , self-reactive substances
and solid desensitized explosives</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.2">
      <xs:annotation>
        <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.3">
      <xs:annotation>
        <xs:documentation>Substances which, in contact with water,
emit flammable gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5.1">
      <xs:annotation>

```


```

        <xs:documentation>Oxidizing substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5.2">
      <xs:annotation>
        <xs:documentation>Organic peroxides</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6.1">
      <xs:annotation>
        <xs:documentation>Toxic substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6.2">
      <xs:annotation>
        <xs:documentation>Infectious substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Radioactive material</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Corrosive substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9A">
      <xs:annotation>
        <xs:documentation>Same as 9 but for Battery
Group.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LimitedQuantityIndicator" type="xs:boolean"

```

	<pre> minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

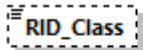
element **DanGoodsType/HazardIdentificationNumber**

diagram	 <p>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
annotation	documentation This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.									
source	<pre> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **DanGoodsType/UN_Number**

diagram	 <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
used by	element SummaryOfGoodsWithSameRID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".									
source	<pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DanGoodsType/RID_Class**

diagram	 <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	enumeration	1	documentation Explosive materials, divisions 1.1, 1.2 and 1.3
	enumeration	1.4	documentation Explosive materials, division 1.4
	enumeration	1.5	documentation Explosive materials, division 1.5
	enumeration	1.6	documentation Explosive materials, division 1.6
	enumeration	2.1	documentation Flammable gases
	enumeration	2.2	documentation Non-flammable, non-toxic gases
	enumeration	2.3	documentation Toxic gases
	enumeration	3	documentation Flammable liquids
	enumeration	4.1	documentation Flammable solids, self-reactive substances and solid desensitized explosives
	enumeration	4.2	documentation Substances liable to spontaneous combustion
	enumeration	4.3	documentation Substances which, in contact with water, emit flammable gases
	enumeration	5.1	documentation Oxidizing substances
	enumeration	5.2	documentation Organic peroxides
	enumeration	6.1	documentation Toxic substances
	enumeration	6.2	documentation Infectious substances
	enumeration	7	documentation Radioactive material
	enumeration	8	documentation Corrosive substances
	enumeration	9	documentation Miscellaneous dangerous substances and articles
	enumeration	9A	documentation Same as 9 but for Battery Group.
annotation	documentation		The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> <xs:annotation> </pre>		


```

    <xs:documentation>Explosive materials, division
1.4</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
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      <xs:documentation>Explosive materials, division
1.5</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1.6">
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      <xs:documentation>Explosive materials, division
1.6</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2.1">
    <xs:annotation>
      <xs:documentation>Flammable gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2.2">
    <xs:annotation>
      <xs:documentation>Non-flammable, non-toxic
gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2.3">
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    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="3">
    <xs:annotation>
      <xs:documentation>Flammable liquids</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4.1">
    <xs:annotation>
      <xs:documentation>Flammable solids , self-reactive substances and
solid desensitized explosives</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4.2">
    <xs:annotation>
      <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4.3">
    <xs:annotation>
      <xs:documentation>Substances which, in contact with water, emit
flammable gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5.1">
    <xs:annotation>
      <xs:documentation>Oxidizing substances</xs:documentation>

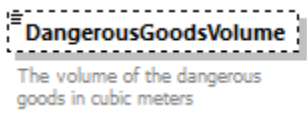
```

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.2">
  <xs:annotation>
    <xs:documentation>Organic peroxides</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.1">
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    <xs:documentation>Toxic substances</xs:documentation>
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</xs:enumeration>
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    <xs:documentation>Infectious substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Radioactive material</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Corrosive substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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Group.</xs:documentation>
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</xs:restriction>
</xs:simpleType>
</xs:element>

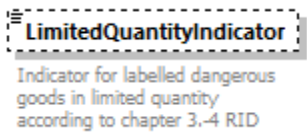
```

element **DanGoodsType/DangerousGoodsVolume**

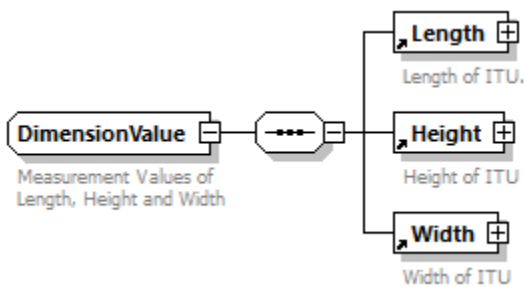
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOFGoodsWithSameRID

annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element **DanGoodsType/LimitedQuantityIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
source	<pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre>

complexType **DimensionValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	Length Height Width
annotation	documentation Measurement Values of Length, Height and Width
source	<pre><xs:complexType name="DimensionValue"> <xs:annotation> <xs:documentation>Measurement Values of Length, Height and Width</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="Length"/> </xs:sequence> </xs:complexType></pre>

	<pre> <xs:element ref="Height"/> <xs:element ref="Width"/> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **IntermodalTransportDataType**

diagram	<p>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TypeOfLoadUnit LoadUnitNumber DangerousGoodsIndication
used by	element WagonData/IntermodalTransportData
annotation	documentation Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units
source	<pre> <xs:complexType name="IntermodalTransportDataType"> <xs:annotation> <xs:documentation>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

element **IntermodalTransportDataType/TypeOfLoadUnit**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	ns1:TypeOfLoadUnitType															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation semitrailers</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00	documentation unknown	enumeration	01	documentation Container	enumeration	02	documentation swap bodies	enumeration	03	documentation semitrailers
Kind	Value	Annotation														
enumeration	00	documentation unknown														
enumeration	01	documentation Container														
enumeration	02	documentation swap bodies														
enumeration	03	documentation semitrailers														

	enumeration 04 documentation truck
source	<code><xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/></code>

element **IntermodalTransportDataType/LoadUnitNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LoadUnitNumberType
properties	content simple
facets	Kind Value Annotation whiteSpace replace pattern [A-Za-z0-9]{11}
source	<code><xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/></code>

complexType **LocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	<p>elements</p> <ul style="list-style-type: none"> TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation AssociatedAttachedLocationIdent RID Checking/CheckingLocation DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination WagonStatusMessages/WagonStatusMessage/DestinationLocation ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint ConsignmentOrderMessage/COMS/COM/ChargingSections/End_EndLocation AffectedSection/EndOfSection WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLocation IntermediateDestination JourneySectionDestination JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack NetworkProjectedLocation/NextLocation Notes/NoteLocationIdent ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo WagonStatusMessages/WagonStatusMessage/ShippingLocation

	ConsignmentOrderMessage/COMS/COM/ChargingSections/Start StartLocation AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint
annotation	documentation Indication of the Railway or Customer Location
source	<pre> <xs:complexType name="LocationIdent"> <xs:annotation> <xs:documentation>Indication of the Railway or Customer Location</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

	AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField
used by	element TrainActivity
source	<pre> <xs:complexType name="TrainActivityType"> <xs:sequence> <xs:element ref="TrainActivityType"/> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/> <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/> <xs:element ref="AssociatedAttachedTrainServiceNumber" minOccurs="0"/> <xs:element ref="AssociatedAttachedTimingAtLocation" minOccurs="0"/> <xs:element ref="AssociatedAttachedLocationIdent" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **WagonTelematics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TelematicsOnBoard TelematicsDevice
used by	element RollingStockDataset/DesignDataSet/WagonTelematics
source	<pre> <xs:complexType name="WagonTelematics"> <xs:sequence> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>


```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ComponentMounted" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Superstructure"/>
      <xs:enumeration value="Tank"/>
      <xs:enumeration value="End wall"/>
      <xs:enumeration value="Side wall"/>
      <xs:enumeration value="Marking plate"/>
      <xs:enumeration value="Frame"/>
      <xs:enumeration value="Headstock"/>
      <xs:enumeration value="Saddle plate"/>
      <xs:enumeration value="Longitudinal beam"/>
      <xs:enumeration value="Latitudinal beam"/>
      <xs:enumeration value="Hitch"/>
      <xs:enumeration value="Bogie"/>
      <xs:enumeration value="Axle"/>
      <xs:enumeration value="Axle box"/>
      <xs:enumeration value="Lift off protection"/>
      <xs:enumeration value="Brake system"/>
      <xs:enumeration value="Brake blocks"/>
      <xs:enumeration value="Air pipes"/>
      <xs:enumeration value="Brake valves"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of where the
telematics unit is located on the component.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Side"/>
      <xs:enumeration value="Top"/>
      <xs:enumeration value="Bottom"/>
      <xs:enumeration value="Inside"/>
      <xs:enumeration value="Left"/>
      <xs:enumeration value="Right"/>
      <xs:enumeration value="Center"/>
      <xs:enumeration value="Below isolation"/>
      <xs:enumeration value="Hand brake end"/>
      <xs:enumeration value="Non brake end"/>
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
      <xs:enumeration value="3"/>
      <xs:enumeration value="4"/>
      <xs:enumeration value="5"/>
      <xs:enumeration value="6"/>
      <xs:enumeration value="7"/>
      <xs:enumeration value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

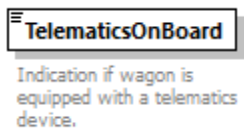
```

```

        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ManufacturerName" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Name of the manufacturer of
the telematics device.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="255"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication if the telematics
device is ATEX certified.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of ATEX level (gas
and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB
T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="50"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```

element **WagonTelematics/TelematicsOnBoard**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is equipped with a telematics device.
source	<pre> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </pre>

```
</xs:annotation>
</xs:element>
```

element **WagonTelematics/TelematicsDevice**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>DeviceType ComponentMounted MountedPosition ManufacturerName ATEXCertified ATEXLevel</p>
<p>annotation</p>	<p>documentation Detailed information about a specific telematics device.</p>
<p>source</p>	<pre><xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType></pre>

```

        <xs:restriction base="xs:string">
          <xs:enumeration value="Telematics Unit"/>
          <xs:enumeration value="Sensor"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ComponentMounted" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Indication of the component to
        which the telematics unit is attached.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Superstructure"/>
          <xs:enumeration value="Tank"/>
          <xs:enumeration value="End wall"/>
          <xs:enumeration value="Side wall"/>
          <xs:enumeration value="Marking plate"/>
          <xs:enumeration value="Frame"/>
          <xs:enumeration value="Headstock"/>
          <xs:enumeration value="Saddle plate"/>
          <xs:enumeration value="Longitudinal beam"/>
          <xs:enumeration value="Latitudinal beam"/>
          <xs:enumeration value="Hitch"/>
          <xs:enumeration value="Bogie"/>
          <xs:enumeration value="Axle"/>
          <xs:enumeration value="Axle box"/>
          <xs:enumeration value="Lift off protection"/>
          <xs:enumeration value="Brake system"/>
          <xs:enumeration value="Brake blocks"/>
          <xs:enumeration value="Air pipes"/>
          <xs:enumeration value="Brake valves"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="MountedPosition" minOccurs="0"
    maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation xml:lang="en">Indication of where the telematics
        unit is located on the component.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Side"/>
          <xs:enumeration value="Top"/>
          <xs:enumeration value="Bottom"/>
          <xs:enumeration value="Inside"/>
          <xs:enumeration value="Left"/>
          <xs:enumeration value="Right"/>
          <xs:enumeration value="Center"/>
          <xs:enumeration value="Below isolation"/>
          <xs:enumeration value="Hand brake end"/>
          <xs:enumeration value="Non brake end"/>
          <xs:enumeration value="1"/>
          <xs:enumeration value="2"/>
          <xs:enumeration value="3"/>
          <xs:enumeration value="4"/>
          <xs:enumeration value="5"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:complexType>
</xs:element>


```

```

        <xs:enumeration value="6"/>
        <xs:enumeration value="7"/>
        <xs:enumeration value="8"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ManufacturerName" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Name of the manufacturer of the
telematics device.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="255"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication if the telematics
device is ATEX certified.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of ATEX level (gas and
dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4
Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="50"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

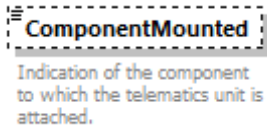
element **WagonTelematics/TelematicsDevice/DeviceType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>Telematics Unit</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Sensor</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	Telematics Unit		enumeration	Sensor	
Kind	Value	Annotation								
enumeration	Telematics Unit									
enumeration	Sensor									
annotation	documentation Specification of type of telematics device.									
source	<xs:element name="DeviceType">									

```

<xs:annotation>
  <xs:documentation xml:lang="en">Specification of type of telematics
device.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:enumeration value="Telematics Unit"/>
    <xs:enumeration value="Sensor"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
    
```

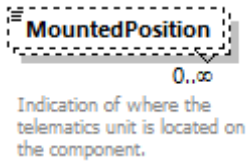
element **WagonTelematics/TelematicsDevice/ComponentMounted**

diagram																																																													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																												
type	restriction of xs:string																																																												
properties	minOcc 0 maxOcc 1 content simple																																																												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>Superstructure</td><td></td></tr> <tr><td>enumeration</td><td>Tank</td><td></td></tr> <tr><td>enumeration</td><td>End wall</td><td></td></tr> <tr><td>enumeration</td><td>Side wall</td><td></td></tr> <tr><td>enumeration</td><td>Marking plate</td><td></td></tr> <tr><td>enumeration</td><td>Frame</td><td></td></tr> <tr><td>enumeration</td><td>Headstock</td><td></td></tr> <tr><td>enumeration</td><td>Saddle plate</td><td></td></tr> <tr><td>enumeration</td><td>Longitudinal beam</td><td></td></tr> <tr><td>enumeration</td><td>Latitudinal beam</td><td></td></tr> <tr><td>enumeration</td><td>Hitch</td><td></td></tr> <tr><td>enumeration</td><td>Bogie</td><td></td></tr> <tr><td>enumeration</td><td>Axle</td><td></td></tr> <tr><td>enumeration</td><td>Axle box</td><td></td></tr> <tr><td>enumeration</td><td>Lift off protection</td><td></td></tr> <tr><td>enumeration</td><td>Brake system</td><td></td></tr> <tr><td>enumeration</td><td>Brake blocks</td><td></td></tr> <tr><td>enumeration</td><td>Air pipes</td><td></td></tr> <tr><td>enumeration</td><td>Brake valves</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Superstructure		enumeration	Tank		enumeration	End wall		enumeration	Side wall		enumeration	Marking plate		enumeration	Frame		enumeration	Headstock		enumeration	Saddle plate		enumeration	Longitudinal beam		enumeration	Latitudinal beam		enumeration	Hitch		enumeration	Bogie		enumeration	Axle		enumeration	Axle box		enumeration	Lift off protection		enumeration	Brake system		enumeration	Brake blocks		enumeration	Air pipes		enumeration	Brake valves	
Kind	Value	Annotation																																																											
enumeration	Superstructure																																																												
enumeration	Tank																																																												
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enumeration	Brake blocks																																																												
enumeration	Air pipes																																																												
enumeration	Brake valves																																																												
annotation	documentation Indication of the component to which the telematics unit is attached.																																																												
source	<xs:element name="ComponentMounted" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</xs:documentation> </xs:annotation> <xs:simpleType>																																																												

```

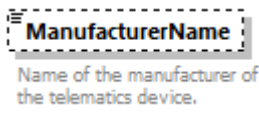
<xs:restriction base="xs:string">
  <xs:enumeration value="Superstructure"/>
  <xs:enumeration value="Tank"/>
  <xs:enumeration value="End wall"/>
  <xs:enumeration value="Side wall"/>
  <xs:enumeration value="Marking plate"/>
  <xs:enumeration value="Frame"/>
  <xs:enumeration value="Headstock"/>
  <xs:enumeration value="Saddle plate"/>
  <xs:enumeration value="Longitudinal beam"/>
  <xs:enumeration value="Latitudinal beam"/>
  <xs:enumeration value="Hitch"/>
  <xs:enumeration value="Bogie"/>
  <xs:enumeration value="Axle"/>
  <xs:enumeration value="Axle box"/>
  <xs:enumeration value="Lift off protection"/>
  <xs:enumeration value="Brake system"/>
  <xs:enumeration value="Brake blocks"/>
  <xs:enumeration value="Air pipes"/>
  <xs:enumeration value="Brake valves"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **WagonTelematics/TelematicsDevice/MountedPosition**

diagram																																																	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																
type	restriction of xs:string																																																
properties	minOcc 0 maxOcc unbounded content simple																																																
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>Side</td><td></td></tr> <tr><td>enumeration</td><td>Top</td><td></td></tr> <tr><td>enumeration</td><td>Bottom</td><td></td></tr> <tr><td>enumeration</td><td>Inside</td><td></td></tr> <tr><td>enumeration</td><td>Left</td><td></td></tr> <tr><td>enumeration</td><td>Right</td><td></td></tr> <tr><td>enumeration</td><td>Center</td><td></td></tr> <tr><td>enumeration</td><td>Below isolation</td><td></td></tr> <tr><td>enumeration</td><td>Hand brake end</td><td></td></tr> <tr><td>enumeration</td><td>Non brake end</td><td></td></tr> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>5</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Side		enumeration	Top		enumeration	Bottom		enumeration	Inside		enumeration	Left		enumeration	Right		enumeration	Center		enumeration	Below isolation		enumeration	Hand brake end		enumeration	Non brake end		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																																															
enumeration	Side																																																
enumeration	Top																																																
enumeration	Bottom																																																
enumeration	Inside																																																
enumeration	Left																																																
enumeration	Right																																																
enumeration	Center																																																
enumeration	Below isolation																																																
enumeration	Hand brake end																																																
enumeration	Non brake end																																																
enumeration	1																																																
enumeration	2																																																
enumeration	3																																																
enumeration	4																																																
enumeration	5																																																

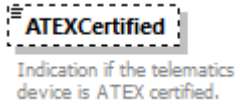
	enumeration 6 enumeration 7 enumeration 8
annotation	documentation Indication of where the telematics unit is located on the component.
source	<pre> <xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Indication of where the telematics unit is located on the component.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Side"/> <xs:enumeration value="Top"/> <xs:enumeration value="Bottom"/> <xs:enumeration value="Inside"/> <xs:enumeration value="Left"/> <xs:enumeration value="Right"/> <xs:enumeration value="Center"/> <xs:enumeration value="Below isolation"/> <xs:enumeration value="Hand brake end"/> <xs:enumeration value="Non brake end"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice/ManufacturerName**

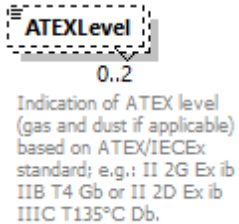
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 255
annotation	documentation Name of the manufacturer of the telematics device.
source	<pre> <xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **WagonTelematics/TelematicsDevice/ATEXCertified**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if the telematics device is ATEX certified.
source	<pre> <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice/ATEXLevel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 2 content simple
facets	Kind Value Annotation maxLength 50
annotation	documentation Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.
source	<pre> <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

simpleType **CommunicationRefID**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements eMail FaxNumber PhoneNumber TrainContactDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)									
source	<pre> <xs:simpleType name="CommunicationRefID"> <xs:annotation> <xs:documentation>Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **CompanyCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of String4-4
properties	base String4-4
used by	<p>elements</p> <ul style="list-style-type: none"> AllocationCompany RID Checking/CheckingBody/BodyID ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode Wagons/WagonDetails/FormalReports/CarrierCode Wagons/WagonDetails/Examination/CarrierCode ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode Company CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU IM Partner ImpactedRU ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode LeadRU NextResponsibleRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM Header/ReceivingRU Recipient WagonStatusMessages/WagonStatusMessage/ReportingRU ResponsibleApplicant ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode ResponsibleIM ResponsibleRU WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier/RU Partner ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrie

	rCode Sender ConsignmentOrderMessage/COMS/COM Header/SendingRU WagonStatusMessages/WagonStatusMessage/ConsignmenIdentification/ControlLabel/ShippingCarrier TrafficType/TrafficTypeNetwork WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU TransfereeIM												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	<p>documentation</p> <p>Identifies the RU, IM or other company involved in the Rail Transport Chain</p>												
source	<pre><xs:simpleType name="CompanyCode"> <xs:annotation> <xs:documentation>Identifies the RU, IM or other company involved in the Rail Transport Chain</xs:documentation> </xs:annotation> <xs:restriction base="String4-4"> <xs:pattern value="[0-9A-Z]{4}"/> </xs:restriction> </xs:simpleType></pre>												

simpleType **CountryIdentISO**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	<p>elements</p> <p>Customers/Country ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode CountryCodeISO ILU Details/DepartureCountry ITU Details/DepartureCountry RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries OriginCountry RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry RollingStockDataset/AdministrativeDataSet/RegistrationCountry UltimateDestinationCountry</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<p>documentation</p> <p>ISO 3166-1 alpha code (2 positions)</p>									
source	<pre><xs:simpleType name="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO 3166-1 alpha code (2 positions)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **CurrencyCode_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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type	restriction of xs:string						
properties	base xs:string						
used by	elements ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation CODE: ISO Currency code (ISO-4217)						
source	<pre><xs:simpleType name="CurrencyCode_Type"> <xs:annotation> <xs:documentation>CODE: ISO Currency code (ISO-4217)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="[A-Z][A-Z][A-Z]"/> </xs:restriction> </xs:simpleType></pre>						

simpleType DeltaTime

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	base xs:string						
used by	elements AgainstBooked AgainstReferenced						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						
annotation	documentation Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric						
source	<pre><xs:simpleType name="DeltaTime"> <xs:annotation> <xs:documentation>Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType></pre>						

simpleType DerailmentDetectionDevice

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	base xs:string												
used by	element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>EDT 101</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MDV 100</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Non coded device</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EDT 101		enumeration	MDV 100		enumeration	Non coded device	
Kind	Value	Annotation											
enumeration	EDT 101												
enumeration	MDV 100												
enumeration	Non coded device												

annotation	<p>documentation</p> <p>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device.</p> <p>The following values are defined:</p> <p>EDT 101</p> <p>MDV 100</p> <p>Non coded device</p>
source	<pre><xs:simpleType name="DerailmentDetectionDevice"> <xs:annotation> <xs:documentation>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EDT 101"/> <xs:enumeration value="MDV 100"/> <xs:enumeration value="Non coded device"/> </xs:restriction> </xs:simpleType></pre>

simpleType **EquipmentNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements GoodsInWagon/ContainerNumber ITU Details/Number									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	<p>documentation</p> <p>Number of ITU</p>									
source	<pre><xs:simpleType name="EquipmentNumberType"> <xs:annotation> <xs:documentation>Number of ITU</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="13"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **EquipmentTokenType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	base xs:token

used by	element ITU_Type												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>cn</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>sw</td> <td>documentation swap body</td> </tr> <tr> <td>enumeration</td> <td>te</td> <td>documentation Trailer (RollingRoad)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	cn	documentation Container	enumeration	sw	documentation swap body	enumeration	te	documentation Trailer (RollingRoad)
Kind	Value	Annotation											
enumeration	cn	documentation Container											
enumeration	sw	documentation swap body											
enumeration	te	documentation Trailer (RollingRoad)											
annotation	documentation Type of equipment												
source	<pre> <xs:simpleType name="EquipmentTypeType"> <xs:annotation> <xs:documentation>Type of equipment</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="cn"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="sw"> <xs:annotation> <xs:documentation>swap body</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="te"> <xs:annotation> <xs:documentation>Trailer (RollingRoad)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>												

simpleType **ForwardingRestrictionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																										
type	restriction of xs:token																																										
properties	base xs:token																																										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>42</td><td></td></tr> <tr><td>enumeration</td><td>61</td><td></td></tr> <tr><td>enumeration</td><td>62</td><td></td></tr> <tr><td>enumeration</td><td>63</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13		enumeration	15		enumeration	16		enumeration	41		enumeration	42		enumeration	61		enumeration	62		enumeration	63	
Kind	Value	Annotation																																									
enumeration	07																																										
enumeration	08																																										
enumeration	09																																										
enumeration	11																																										
enumeration	12																																										
enumeration	13																																										
enumeration	15																																										
enumeration	16																																										
enumeration	41																																										
enumeration	42																																										
enumeration	61																																										
enumeration	62																																										
enumeration	63																																										

	<p>enumeration 70</p> <p>enumeration 71</p> <p>enumeration 92</p> <p>enumeration 94</p> <p>enumeration</p>
annotation	<p>documentation</p> <p>Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load</p>
source	<pre> <xs:simpleType name="ForwardingRestrictionType"> <xs:annotation> <xs:documentation>Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="92"/> <xs:enumeration value="94"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType> </pre>

simpleType **FreeText**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	AdditionalInstruction Address Comments ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference/MessageSenderReference Name Notes/Note PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription TransportInstruction NetworkSpecificParameter/Value	
	complexType	CargoCodeType	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	

annotation	documentation Clear Text in ISO Unicode character set
source	<pre><xs:simpleType name="FreeText"> <xs:annotation> <xs:documentation>Clear Text in ISO Unicode character set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre>

simpleType **LoadUnitNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements ILU Details/LoadUnitNumber IntermodalTransportDataType/LoadUnitNumber									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Za-z0-9]{11}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	whiteSpace	replace		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
whiteSpace	replace									
pattern	[A-Za-z0-9]{11}									
annotation	documentation The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit									
source	<pre><xs:simpleType name="LoadUnitNumberType"> <xs:annotation> <xs:documentation>The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:whiteSpace value="replace"/> <xs:pattern value="[A-Za-z0-9]{11}"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **Money_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	base xs:decimal									
used by	elements ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									

annotation	documentation Type for all payments
source	<pre><xs:simpleType name="Money_Type"> <xs:annotation> <xs:documentation>Type for all payments</xs:documentation> </xs:annotation> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType></pre>

simpleType Name

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:string						
properties	base xs:string						
used by	element VesselName						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>254</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	documentation Name in Free Text						
source	<pre><xs:simpleType name="Name"> <xs:annotation> <xs:documentation>Name in Free Text</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="254"/> </xs:restriction> </xs:simpleType></pre>						

simpleType NHMCodeType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements NHM Code ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode Goods/PreviousLoadedGood Wagons/GoodsInWagon/PreviousLoadedGood									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM Code									
source	<pre><xs:simpleType name="NHMCodeType"> <xs:annotation> <xs:documentation>NHM Code</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType></pre>									

	<code></xs:simpleType></code>
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simpleType Numeric0-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	base xs:integer									
used by	element RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAccreditedRecognizedBody									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>00</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	00		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	00									
maxInclusive	99									
source	<pre><xs:simpleType name="Numeric0-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="00"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Numeric1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:positiveInteger									
properties	base xs:positiveInteger									
used by	elements RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
source	<pre><xs:simpleType name="Numeric1-5"> <xs:restriction base="xs:positiveInteger"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Numeric1-6

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	base xs:int									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
source	<pre><xs:simpleType name="Numeric1-6"></pre>									

```

<xs:restriction base="xs:int">
  <xs:minInclusive value="1"/>
  <xs:maxInclusive value="999999"/>
</xs:restriction>
</xs:simpleType>

```

simpleType Numeric2-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN	
	attribute	CI InstanceNumber	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<pre> <xs:simpleType name="Numeric2-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType Numeric3-3

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	AirBrake/LoadChangeDevice/AirBrakedMassLoaded AirBrake/LoadChangeDevice/ChangeOverWeight	
	simpleType	Speed	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
source	<pre> <xs:simpleType name="Numeric3-3"> <xs:restriction base="xs:integer"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType Numeric4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		

properties	base xs:integer
used by	elements LengthOfSetOfCarriages RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength
facets	Kind Value Annotation minInclusive 0001 maxInclusive 9999
source	<pre><xs:simpleType name="Numeric4-4"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0001"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType></pre>

simpleType Percentage

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:float
properties	base xs:float
used by	element NetworkProjectedLocation/ProportionOfDistanceBetweenLocations
facets	Kind Value Annotation minInclusive 0 maxInclusive 100
annotation	documentation decimal value between 0 and 100
source	<pre><xs:simpleType name="Percentage"> <xs:annotation> <xs:documentation>decimal value between 0 and 100</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType></pre>

simpleType Speed

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric3-3
properties	base Numeric3-3
used by	elements GNSS DynamicPosition/CurrentSpeed HighestPlannedSpeed PlannedSpeed TrainMaxSpeed
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Shown in Km/h
source	<pre><xs:simpleType name="Speed"> <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation></pre>

	<pre><xs:restriction base="Numeric3-3"/> </xs:simpleType></pre>
--	---

simpleType **String1-10**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	element LocationSubsidiaryCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
source	<pre><xs:simpleType name="String1-10"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10" fixed="false"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **String1-14**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	element CustomerCode/PrimaryCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>14</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<pre><xs:simpleType name="String1-14"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="14"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **String1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	element DelayMinutes									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
source	<pre><xs:simpleType name="String1-5"> <xs:restriction base="xs:string"></pre>									

	<pre> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType String1-7

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	element CustomerCode/AdditionalCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	7	
Kind	Value	Annotation								
minLength	1									
maxLength	7									
source	<pre> <xs:simpleType name="String1-7"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType String1-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber OperationalTrainNumber									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
source	<pre> <xs:simpleType name="String1-8"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType String4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	simpleType CompanyCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4	
Kind	Value	Annotation								
minLength	4									
maxLength	4									

source	<pre><xs:simpleType name="String4-4"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType></pre>
--------	--

simpleType **String5-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>5</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	5		maxLength	5	
Kind	Value	Annotation								
minLength	5									
maxLength	5									
source	<pre><xs:simpleType name="String5-5"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **String5-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>5</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	5		maxLength	8	
Kind	Value	Annotation								
minLength	5									
maxLength	8									
source	<pre><xs:simpleType name="String5-8"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **Time**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:time
properties	base xs:time
annotation	documentation Time expressed in HH:MM:SS
source	<pre><xs:simpleType name="Time"> <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation></pre>

	<pre><xs:restriction base="xs:time"/> </xs:simpleType></pre>
--	--

simpleType **VolumeValue**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	base xs:float
used by	elements DangerousGoodsVolume RID/DangerousGoodsVolume DanGoodsType/DangerousGoodsVolume Volume
annotation	documentation Volume value of the load units by cbm
source	<pre><xs:simpleType name="VolumeValue"> <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"/> </xs:simpleType></pre>

simpleType **WagonIdent**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
annotation	documentation Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.									
source	<pre><xs:simpleType name="WagonIdent"> <xs:annotation> <xs:documentation>Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:pattern value="[0-9]{12}"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **WeightValueKilo**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
-----------	---

type	restriction of xs:integer												
properties	base xs:integer												
used by	elements DangerousGoodsWeight GrossWeight MaxGrossWeight ILU_Details/TareWeight ITU_Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty RID/WeightNettoExplosiveMass												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation In Kilograms												
source	<pre><xs:simpleType name="WeightValueKilo"> <xs:annotation> <xs:documentation>In Kilograms</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:whiteSpace value="collapse"/> </xs:restriction> </xs:simpleType></pre>												

simpleType **WeightValueTonne**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	base xs:int									
used by	elements TractionWeight TrainWeight WeightOfSetOfCarriages									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation In Tonnes									
source	<pre><xs:simpleType name="WeightValueTonne"> <xs:annotation> <xs:documentation>In Tonnes</xs:documentation> </xs:annotation> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre>									

attribute **CI_InstanceNumber**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric2-2
used by	elements Recipient Sender

facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
annotation	documentation	Number of a Common Interface Instance for the same Company	
source	<pre><xs:attribute name="CI_InstanceNumber" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of a Common Interface Instance for the same Company</xs:documentation> </xs:annotation> </xs:attribute></pre>		

XML Schema documentation generated by [XMLSpy](http://www.altova.com/xmlspy) Schema Editor <http://www.altova.com/xmlspy>

4. Schema taf_cat_codelists.xsd

Schema taf_cat_codelists.xsd

schema location: [taf_cat_codelists.xsd](#)
attributeFormDefault: **unqualified**
elementFormDefault: **qualified**
targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.5>

Elements

[AirBrakeType](#)
[BrakeSpecialCharacteristics](#)
[BrakeType](#)
[BrakingPowerVariationDevice](#)
[CodeOfCause](#)
[CombinedTrafficLoadProfile](#)
[CommercialSpecificationCode](#)
[ConsignmentOrderType](#)
[ConsignorDeclarationCode](#)
[CouplingType](#)
[CustomerType](#)
[DangerLabel](#)
[EmptyPackingCode](#)
[HandBrakeType](#)
[ILU_TypeDetail](#)
[IncotermCode](#)
[InfoOnGoodsShapeTypeDanger](#)
[InteropCapability](#)
[JourneyLocationTypeCode](#)
[LivestockOrPeopleIndicator](#)
[LoadTableStars](#)
[MessageStatus](#)

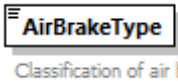
Simple types

[ConsignmentTypeCode](#)
[DelayCode](#)
[InfoIndex](#)
[MessageCode](#)
[RestrictionCodes](#)
[RunningStatus](#)
[TrainCC_SystemCode](#)
[TypeOfIMHarmonizationCode](#)
[TypeOfInformationCode](#)
[TypeOfLoadUnitType](#)
[TypeOfRequestCode](#)
[TypeOfRUHarmonizationCode](#)
[UnitType](#)

Attributes

[LocationSubsidiaryTypeCode](#)
[TimingQualifierCode](#)

[MRN Type](#)[NormalLoadingGauge](#)[PackingGroup](#)[PrepaidcodeCarrier](#)[PrepaidCodeCustomer](#)[ProcessType](#)[ReasonOfReference](#)[RefusalCode](#)[RollingRoadUnitType](#)[RouteClass](#)[RU DeclarationCode](#)[TractionMode](#)[TractionType](#)[TrainRadioSystem](#)[TrainRunningInterruptionStatus](#)[TrainType](#)[TypeOfRemovableAccessories](#)[TypeOfUsedHybridPowerunit](#)[WheelSetTransformationMethod](#)element **AirBrakeType**

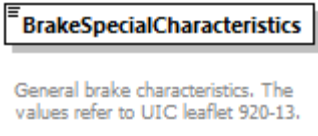
diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
type	restriction of xs:token																					
properties	content simple																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Through pipe</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation G system only</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation P system only</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation G/P combined system</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation No air brake or brake pipe</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation Non coded system</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Through pipe	enumeration	1	documentation G system only	enumeration	2	documentation P system only	enumeration	3	documentation G/P combined system	enumeration	8	documentation No air brake or brake pipe	enumeration	9	documentation Non coded system
Kind	Value	Annotation																				
enumeration	0	documentation Through pipe																				
enumeration	1	documentation G system only																				
enumeration	2	documentation P system only																				
enumeration	3	documentation G/P combined system																				
enumeration	8	documentation No air brake or brake pipe																				
enumeration	9	documentation Non coded system																				
annotation	documentation Classification of air brake.																					
source	<pre><xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"></pre>																					

```

        <xs:annotation>
          <xs:documentation>Through pipe</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>G system only</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>P system only</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>G/P combined system</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>No air brake or brake pipe</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Non coded system</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

element **BrakeSpecialCharacteristics**

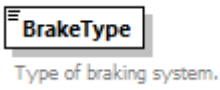
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	0	documentation Cast Iron Brake Blocks
	enumeration	1	documentation Disc Brake
	enumeration	2	documentation K-Brake Blocks
	enumeration	3	documentation Cast Iron Brake Blocks, single release brake
	enumeration	4	documentation Composite Brake Blocks, single release brake
	enumeration	5	documentation

	<p>enumeration 6 L-Brake Blocks documentation</p> <p>enumeration 9 LL-Brake Blocks documentation Unknown or non-coded information</p>
annotation	<p>documentation</p> <p>General brake characteristics. The values refer to UIC leaflet 920-13.</p>
source	<pre> <xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> General brake characteristics. The values refer to UIC leaflet 920-13. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Cast Iron Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Disc Brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>K-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Cast Iron Brake Blocks, single release brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Composite Brake Blocks, single release brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>L-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>LL-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Unknown or non-coded information</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

</xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **BrakeType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	0	documentation G: "Goods" for freight services with slow application and release times
	enumeration	1	documentation P: "Passenger" for passenger and freight services with quick application and release times.
	enumeration	2	documentation X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.
	enumeration	3	documentation R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances
	enumeration	4	documentation G+E: brake position G with additional brake=electro-dynamic brake
	enumeration	5	documentation G+H: brake position G with additional brake=hydro-dynamic brake
	enumeration	6	documentation P+E: brake position P with additional brake=electro-dynamic brake
	enumeration	7	documentation P+H: brake position P with additional brake=hydro-dynamic brake
	enumeration	8	documentation P+Mg: brake position P with additional brake=magnetic track brake
	enumeration	9	documentation R+E: brake position R with additional brake=electro-dynamic brake
	enumeration	10	documentation R+H: brake position R with additional brake=hydro-dynamic brake
	enumeration	11	documentation R+Mg: brake position R with additional brake=magnetic track brake
	enumeration	12	documentation R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse)
	enumeration	13	documentation R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake
	enumeration	14	documentation R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake
annotation	documentation	Type of braking system.	
source	<pre> <xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Type of braking system.</xs:documentation> </xs:annotation> </pre>		

```

<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>G: "Goods" for freight services with slow
application and release times</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>P: "Passenger" for passenger and freight
services with quick application and release times.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>X: an indication that brake system of the
freight wagon out of order (actually / current). Additionally, X cannot be
used in Planning.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>R: a subdivision brake position of brake mode
"P", for rapid (express) services with high brake
performances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>G+E: brake position G with additional
brake=electro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>G+H: brake position G with additional
brake=hydro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>P+E: brake position P with additional
brake=electro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>P+H: brake position P with additional
brake=hydro-dynamic brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>P+Mg: brake position P with additional
brake=magnetic track brake</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>

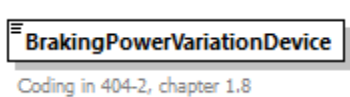
```

```

<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>R+E: brake position R with additional
brake=electro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>R+H: brake position R with additional
brake=hydro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>R+Mg: brake position R with additional
brake=magnetic track brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>R+WB: brake position R with additional
brake=eddy current brake (German: Wirbelstrombremse)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>R+E+Mg: brake position R with additional
brake=electro-dynamic brake and magnetic track brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>R+E+WB: brake position R with additional
brake=electro-dynamic brake and eddy current brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>


```

element **BrakingPowerVariationDevice**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	0	documentation no braked weight variation device
	enumeration	1	documentation empty/loaded manual or automatic device with one changeover weight
	enumeration	2	documentation empty/loaded manual or automatic device with two or three changeover weights

	<p>enumeration 8 documentation linear auto continuous device with indication of maximum braked weight</p> <p>enumeration 9 documentation non-codable variation device</p>
annotation	<p>documentation Coding in 404-2, chapter 1.8</p>
source	<pre> <xs:element name="BrakingPowerVariationDevice"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>no braked weight variation device</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with one changeover weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with two or three changeover weights</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>linear auto continuous device with indication of maximum braked weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>non-codable variation device</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CodeOfCause**

diagram	
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
type	<p>restriction of xs:token</p>
properties	<p>content simple</p>
facets	<p>Kind Value Annotation</p>

	enumeration 1	documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15)
	enumeration 2	documentation Examination of the consignment (CIM Article11)
	enumeration 3	documentation Amendment of the contract of carriage (CIM Article 18)
	enumeration 4	documentation Circumstances preventing carriage (CIM Article 20)
	enumeration 5	documentation Circumstances preventing delivery (CIM Article21)
	enumeration 6	documentation Attention to be given to the consignment
	enumeration 7	documentation Rectification of the load following unsatisfactory loading by the consignor
	enumeration 8	documentation Transshipment following unsatisfactory loading by the consignor
	enumeration 9	documentation Other causes: ...
annotation		documentation Code of reason for extension
source		<pre> <xs:element name="CodeOfCause"> <xs:annotation> <xs:documentation>Code of reason for extension</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Completion of formalities required by customs or other administrative authorities (CIM Article 15)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Examination of the consignment (CIM Article11)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Amendment of the contract of carriage (CIM Article 18)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Circumstances preventing carriage (CIM Article 20)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Circumstances preventing delivery (CIM Article21)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> </pre>

	<pre> <xs:documentation>Attention to be given to the consignment</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Rectification of the load following unsatisfactory loading by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Transhipment following unsatisfactory loading by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Other causes: ...</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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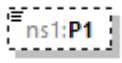
element **CombinedTrafficLoadProfile**

diagram	<p>CombinedTrafficLoadProfile</p> <p>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); <p>The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p> <p>ns1:P1 P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</p> <p>ns1:P2 P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</p> <p>ns1:C1</p> <p>ns1:C2 C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ns1:P1 ns1:P2 ns1:C1 ns1:C2
annotation	documentation This element does refer to combined load units that can be used for Freight Requests only. There are two entry options:

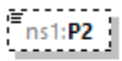
	<ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): • The other option refers to "C" (Swap body): <p>The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p>
source	<pre> <xs:element name="CombinedTrafficLoadProfile"> <xs:annotation> <xs:documentation>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer): • The other option refers to "C" (Swap body): The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="P2" minOccurs="0"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="C2" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **CombinedTrafficLoadProfile/P1**

diagram	 <p>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.
source	<pre> <xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi- trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CombinedTrafficLoadProfile/P2**

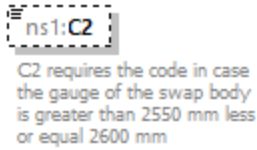
diagram	 <p>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0

	maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm
source	<pre><xs:element name="P2" minOccurs="0"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CombinedTrafficLoadProfile/C1**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
source	<pre><xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CombinedTrafficLoadProfile/C2**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
source	<pre><xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CommercialSpecificationCode**


diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	restriction of xs:token																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Route ...</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Traffic flow ...</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Carriers mandated to perform the carriage, section, status</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Defined frontier stations..... (for exceptional consignments)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Route ...	enumeration	2	documentation Traffic flow ...	enumeration	3	documentation Carriers mandated to perform the carriage, section, status	enumeration	4	documentation Defined frontier stations..... (for exceptional consignments)	enumeration	5	documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)
Kind	Value	Annotation																	
enumeration	1	documentation Route ...																	
enumeration	2	documentation Traffic flow ...																	
enumeration	3	documentation Carriers mandated to perform the carriage, section, status																	
enumeration	4	documentation Defined frontier stations..... (for exceptional consignments)																	
enumeration	5	documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)																	
annotation	documentation Commercial specifications code																		
source	<pre><xs:element name="CommercialSpecificationCode"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Route ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Traffic flow ...</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>																		

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>Carriers mandated to perform the carriage,
section, status</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>Defined frontier stations..... (for exceptional
consignments)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Other conditions requested....(for example: EDI
contract number if an electronic consignment note is
used.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **ConsignmentOrderType**

diagram	 <p>Preliminary list of messages, by now restricted on different types of consignment orders.</p> <p>Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	ECN	documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable).
	enumeration	NACK	documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable
	enumeration	PRN	documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)
	enumeration	INFE	documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.
	enumeration	INFP	documentation

	<p>Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.</p> <p>enumeration CANCEL documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.</p> <p>enumeration DEL documentation This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled.</p> <p>enumeration ECTD documentation Basic message type for transports accompanied by a paper consignment note message.</p> <p>enumeration EUTD documentation Basic update message type for transports accompanied by a paper consignment note message</p> <p>enumeration EDTD documentation Basic deletion message type for transports accompanied by a paper consignment note message.</p> <p>enumeration ECOM documentation Electronic consignment order message for carriers in role 3.Used for paperless transport only.</p> <p>enumeration ECOU documentation Update message for ECOM</p> <p>enumeration ECOD documentation Deletion message for ECOM</p>
annotation	<p>documentation Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.</p>
source	<pre><xs:element name="ConsignmentOrderType"> <xs:annotation> <xs:documentation>Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ECN"> <xs:annotation> <xs:documentation>ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable). </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="NACK"> <xs:annotation> <xs:documentation>NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PRN"> <xs:annotation> <xs:documentation>At the beginning of an ECN transport the</pre>

```


shipping carrier sends the prior notification as preannouncement to all
participating carriers (as far as they are able to process an
ECN)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="INFE">
  <xs:annotation>
    <xs:documentation>Information ECN: This MessageType has only
informative character and can be used to inform other participating carriers
about changes before hand-over of the ECN.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="INFP">
  <xs:annotation>
    <xs:documentation>Information PCN: This MessageType has only
informative character and may only be used to inform other participating
carriers about the change from electronic transport to paper accompanied
transport.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CANCEL">
  <xs:annotation>
    <xs:documentation>The CANCEL message can only be send by the
lead/contractual or the shipping carrier BEFORE the first hand-over of the
ECN. By doing so, all participating carriers will receive a DEL message to
inform them about the cancellation of their part of the
transport.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DEL">
  <xs:annotation>
    <xs:documentation>This message is being created by the central
application, only. The receiving carrier is being informed, that his part of
the transport has been cancelled.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECTD">
  <xs:annotation>
    <xs:documentation>Basic message type for transports accompanied by
a paper consignment note message.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="EUTD">
  <xs:annotation>
    <xs:documentation>Basic update message type for transports
accompanied by a paper consignment note message</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="EDTD">
  <xs:annotation>
    <xs:documentation>Basic deletion message type for transports
accompanied by a paper consignment note message.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECOM">
  <xs:annotation>
    <xs:documentation>Electronic consignment order message for
carriers in role 3.Used for paperless transport only.</xs:documentation>

```

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</xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECOU">
  <xs:annotation>
    <xs:documentation>Update message for ECOM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECOD">
  <xs:annotation>
    <xs:documentation>Deletion message for ECOM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **ConsignorDeclarationCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	1	documentation Consignee not-authorized to take control of the goods
	enumeration	2	documentation Authorised consignee (within the meaning of customs law)
	enumeration	3	documentation Escort(s) ... [name(s), first name(s)]
	enumeration	4	documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c)
	enumeration	5	documentation Emergency telephone number for irregularities or accidents with dangerous goods
	enumeration	6	documentation Not to be passed to a substitute carrier
	enumeration	7	documentation Loading by the carrier
	enumeration	8	documentation Unloading by the carrier
	enumeration	9	documentation Agreed transit period: ...
	enumeration	10	documentation Completion of administrative formalities: ... (see CIM Article 15)
	enumeration	11	documentation Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved)
	enumeration	12	documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool
	enumeration	13	documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool
	enumeration	14	documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s)
	enumeration	15	documentation

	<p>enumeration 16 If the carrier's straps are used: number of straps and abbreviation for the carrier documentation Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.)</p> <p>enumeration 17 documentation Shipment details for port traffic: ...</p> <p>enumeration 18 documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.)</p> <p>enumeration 24 documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit.</p> <p>enumeration 25 documentation Wagon keeper according to article 17 AVV (Name)</p> <p>enumeration 31 documentation CH import declaration by DB Cargo</p> <p>enumeration 32 documentation CH import declaration by SBB Cargo</p> <p>enumeration 33 documentation CH import declaration by third parties</p>
annotation	documentation Carrier declaration code.
source	<pre> <xs:element name="ConsignorDeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Consignee not-authorized to take control of the goods</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Authorized consignee (within the meaning of customs law)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Escort(s) ... [name(s), first name(s)]</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Emergency telephone number for irregularities or accidents with dangerous goods</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Not to be passed to a substitute
carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Loading by the carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Unloading by the carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Agreed transit period: ...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Completion of administrative formalities: ...
(see CIM Article 15)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Exceptional consignment: ... (reference number
for each of the rail carriers/infrastructure managers
involved)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Number of flat pallets marked "EUR" and
exchangeable in the European Pallet Pool</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Number of box-pallets marked "EUR" and
exchangeable in the European Box-Pallet Pool</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>If the carrier's wagon sheets are used: number
of sheets, abbreviation for the carrier and wagon sheet
number(s)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>If the carrier's straps are used: number of
straps and abbreviation for the carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>

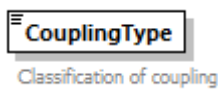
```

```

</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Other declarations: ... (designation of a
representative, designation of a substitute carrier, request for attention
to be given to the consignment en route, etc.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>Shipment details for port traffic:
...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Used for CUV transports, only. Restrictions on
the operation of the wagon known to the consignor (e.g. limited speed,
etc.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Dangerous goods packed in limited quantities the
total gross mass of which exceeds eight tonnes per transport
unit.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Wagon keeper according to article 17 AVV
(Name)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
  <xs:annotation>
    <xs:documentation>CH import declaration by DB
Cargo</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>CH import declaration by SBB
Cargo</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>CH import declaration by third
parties</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

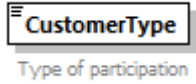
```

element **CouplingType**

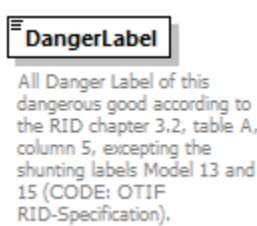
diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	restriction of xs:token																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation without coupler</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation non-reinforced coupler less than 85t</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation reinforced coupler equals to 85t</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation ultra-reinforced coupler greater than 85t</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation automatic coupling</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation without coupler	enumeration	1	documentation non-reinforced coupler less than 85t	enumeration	2	documentation reinforced coupler equals to 85t	enumeration	3	documentation ultra-reinforced coupler greater than 85t	enumeration	4	documentation automatic coupling
Kind	Value	Annotation																	
enumeration	0	documentation without coupler																	
enumeration	1	documentation non-reinforced coupler less than 85t																	
enumeration	2	documentation reinforced coupler equals to 85t																	
enumeration	3	documentation ultra-reinforced coupler greater than 85t																	
enumeration	4	documentation automatic coupling																	
annotation	documentation Classification of coupling																		
source	<pre> <xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Classification of coupling</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>without coupler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>non-reinforced coupler less than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>reinforced coupler equals to 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>ultra-reinforced coupler greater than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>automatic coupling</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>																		

	<code></xs:element></code>
--	----------------------------------

element **CustomerType**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CR</td> <td>documentation Consignor</td> </tr> <tr> <td>enumeration</td> <td>CE</td> <td>documentation Consignee</td> </tr> <tr> <td>enumeration</td> <td>FPCR</td> <td>documentation Freight payer</td> </tr> <tr> <td>enumeration</td> <td>FPCE</td> <td>documentation Freight payer CE</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CR	documentation Consignor	enumeration	CE	documentation Consignee	enumeration	FPCR	documentation Freight payer	enumeration	FPCE	documentation Freight payer CE
Kind	Value	Annotation														
enumeration	CR	documentation Consignor														
enumeration	CE	documentation Consignee														
enumeration	FPCR	documentation Freight payer														
enumeration	FPCE	documentation Freight payer CE														
annotation	documentation Type of participation															
source	<pre> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"> <xs:annotation> <xs:documentation>Consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CE"> <xs:annotation> <xs:documentation>Consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCR"> <xs:annotation> <xs:documentation>Freight payer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCE"> <xs:annotation> <xs:documentation>Freight payer CE</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **DangerLabel**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	1	documentation Explosive materials, divisions 1.1, 1.2 and 1.3
	enumeration	1.4	documentation Explosive materials, division 1.4
	enumeration	1.5	documentation Explosive materials, division 1.5
	enumeration	1.6	documentation Explosive materials, division 1.6
	enumeration	2.1	documentation Flammable gases
	enumeration	2.2	documentation Non-flammable, non-toxic gases
	enumeration	2.3	documentation Toxic gases
	enumeration	3	documentation Flammable liquids
	enumeration	4.1	documentation Flammable solids , self-reactive substances and solid desensitized explosives
	enumeration	4.2	documentation Substances liable to spontaneous combustion
	enumeration	4.3	documentation Substances which, in contact with water, emit flammable gases
	enumeration	5.1	documentation Oxidizing substances
	enumeration	5.2	documentation Organic peroxides
	enumeration	6.1	documentation Toxic substances
	enumeration	6.2	documentation Infectious substances
	enumeration	7A	documentation Radioactive material, category I
	enumeration	7B	documentation Radioactive material, category II
	enumeration	7C	documentation Radioactive material, category III
	enumeration	7D	documentation (obsolete) should be used for general information about class 7
	enumeration	7E	documentation Fissile radioactive material
	enumeration	8	documentation Corrosive substances
	enumeration	9	documentation Miscellaneous dangerous substances and articles
	enumeration	9A	
	enumeration	1 (+13)	

	enumeration 1 (+15)
	enumeration 1.4+6.1
	enumeration 1.4+6.1+8
	enumeration 1.4+8
	enumeration 1+6.1
	enumeration 1+6.1 (+13)
	enumeration 1+6.1 (+15)
	enumeration 1+6.1+8
	enumeration 1+8
	enumeration 2.1 (+13)
	enumeration 2.1+6.1
	enumeration 2.1+6.1+8
	enumeration 2.1+6.1
	enumeration 2.1+8
	enumeration 2.2 (+13)
	enumeration 2.2+5.1+6.1
	enumeration 2.2+5.1+6.1+8
	enumeration 2.2+5.1+8
	enumeration 2.2+6.1
	enumeration 2.2+6.1+8
	enumeration 2.2+5.1
	enumeration 2.2+5.1 (+13)
	enumeration 2.2+6.1
	enumeration 2.2+8
	enumeration 2.3 (+13)
	enumeration 2.3+2.1
	enumeration 2.3+2.1 (+13)
	enumeration 2.3+2.1+8
	enumeration 2.3+2.1+8 (+13)
	enumeration 2.3+5.1
	enumeration 2.3+5.1 (+13)
	enumeration 2.3+5.1+8
	enumeration 2.3+5.1+8 (+13)
	enumeration 2.3+8
	enumeration 2.3+8 (+13)
	enumeration 4.1+1
	enumeration 5.2+1
	enumeration 6.1+4.1
	enumeration 6.1+8
	enumeration 6.2+2.2
	enumeration 7X
	enumeration 7X+7E
	enumeration 8+6.1
	enumeration 9+2.2
annotation	documentation All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).
source	<xs:element name="DangerLabel"> <xs:annotation>

```

<xs:documentation>All Danger Label of this dangerous good according to
the RID chapter 3.2, table A, column 5, excepting the shunting labels Model
13 and 15 (CODE: OTIF RID-Specification).</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Explosive materials, divisions 1.1, 1.2 and
1.3</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1.4">
      <xs:annotation>
        <xs:documentation>Explosive materials, division
1.4</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1.5">
      <xs:annotation>
        <xs:documentation>Explosive materials, division
1.5</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1.6">
      <xs:annotation>
        <xs:documentation>Explosive materials, division
1.6</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.1">
      <xs:annotation>
        <xs:documentation>Flammable gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.2">
      <xs:annotation>
        <xs:documentation>Non-flammable, non-toxic
gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.3">
      <xs:annotation>
        <xs:documentation>Toxic gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Flammable liquids</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.1">
      <xs:annotation>
        <xs:documentation>Flammable solids , self-reactive substances and
solid desensitized explosives</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.2">

```

```

    <xs:annotation>
      <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4.3">
    <xs:annotation>
      <xs:documentation>Substances which, in contact with water, emit
flammable gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5.1">
    <xs:annotation>
      <xs:documentation>Oxidizing substances</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5.2">
    <xs:annotation>
      <xs:documentation>Organic peroxides</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="6.1">
    <xs:annotation>
      <xs:documentation>Toxic substances</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="6.2">
    <xs:annotation>
      <xs:documentation>Infectious substances</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7A">
    <xs:annotation>
      <xs:documentation>Radioactive material, category
I</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7B">
    <xs:annotation>
      <xs:documentation>Radioactive material, category
II</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7C">
    <xs:annotation>
      <xs:documentation>Radioactive material, category
III</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7D">
    <xs:annotation>
      <xs:documentation>(obsolete) should be used for general
information about class 7</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7E">
    <xs:annotation>
      <xs:documentation>Fissile radioactive material</xs:documentation>

```

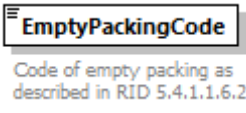
```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Corrosive substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9A"/>
<xs:enumeration value="1 (+13)"/>
<xs:enumeration value="1 (+15)"/>
<xs:enumeration value="1.4+6.1"/>
<xs:enumeration value="1.4+6.1+8"/>
<xs:enumeration value="1.4+8"/>
<xs:enumeration value="1+6.1"/>
<xs:enumeration value="1+6.1 (+13)"/>
<xs:enumeration value="1+6.1 (+15)"/>
<xs:enumeration value="1+6.1+8"/>
<xs:enumeration value="1+8"/>
<xs:enumeration value="2.1 (+13)"/>
<xs:enumeration value="2.1+6.1"/>
<xs:enumeration value="2.1+6.1+8"/>
<xs:enumeration value="2.1+6.1"/>
<xs:enumeration value="2.1+8"/>
<xs:enumeration value="2.2 (+13)"/>
<xs:enumeration value="2.2+5.1+6.1"/>
<xs:enumeration value="2.2+5.1+6.1+8"/>
<xs:enumeration value="2.2+5.1+8"/>
<xs:enumeration value="2.2+6.1"/>
<xs:enumeration value="2.2+6.1+8"/>
<xs:enumeration value="2.2+5.1"/>
<xs:enumeration value="2.2+5.1 (+13)"/>
<xs:enumeration value="2.2+6.1"/>
<xs:enumeration value="2.2+8"/>
<xs:enumeration value="2.3 (+13)"/>
<xs:enumeration value="2.3+2.1"/>
<xs:enumeration value="2.3+2.1 (+13)"/>
<xs:enumeration value="2.3+2.1+8"/>
<xs:enumeration value="2.3+2.1+8 (+13)"/>
<xs:enumeration value="2.3+5.1"/>
<xs:enumeration value="2.3+5.1 (+13)"/>
<xs:enumeration value="2.3+5.1+8"/>
<xs:enumeration value="2.3+5.1+8 (+13)"/>
<xs:enumeration value="2.3+8"/>
<xs:enumeration value="2.3+8 (+13)"/>
<xs:enumeration value="4.1+1"/>
<xs:enumeration value="5.2+1"/>
<xs:enumeration value="6.1+4.1"/>
<xs:enumeration value="6.1+8"/>
<xs:enumeration value="6.2+2.2"/>
<xs:enumeration value="7X"/>
<xs:enumeration value="7X+7E"/>
<xs:enumeration value="8+6.1"/>

```

```
<xs:enumeration value="9+2.2"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

element **EmptyPackingCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE
	enumeration	06	documentation EMPTY TANK-WAGON
	enumeration	07	documentation EMPTY DETACHABLE TANK
	enumeration	08	documentation EMPTY DEMOUNTABLE TANK
	enumeration	09	documentation EMPTY TANK-CONTAINER
	enumeration	10	documentation EMPTY PORTABLE TANK
	enumeration	11	documentation EMPTY BATTERY-VEHICLE
	enumeration	12	documentation EMPTY BATTERY-WAGON
	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS
	enumeration	14	documentation EMPTY VEHICLE
	enumeration	15	documentation EMPTY WAGON
	enumeration	16	documentation EMPTY RECEPTACLE le 1000L
	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L
	enumeration	18	documentation EMPTY
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.		
source	<pre><xs:element name="EmptyPackingCode"> <xs:annotation></pre>		

```

<xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
<xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been
added as 'dummy' until the code list has been finished and approved.
</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="01">
      <xs:annotation>
        <xs:documentation>EMPTY PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>EMPTY CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
      <xs:annotation>
        <xs:documentation>EMPTY IBC</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
      <xs:annotation>
        <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="07">
      <xs:annotation>
        <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
      <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
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      <xs:annotation>
        <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>

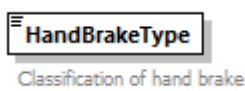
```

```

<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
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ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>EMPTY</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>


```

element **HandBrakeType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple


facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation No hand brake</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Ground-operated hand brake</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Platform-operated hand brake</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation No hand brake	enumeration	1	documentation Ground-operated hand brake	enumeration	2	documentation Platform-operated hand brake
Kind	Value	Annotation											
enumeration	0	documentation No hand brake											
enumeration	1	documentation Ground-operated hand brake											
enumeration	2	documentation Platform-operated hand brake											
annotation	documentation Classification of hand brake												
source	<pre><xs:element name="HandBrakeType"> <xs:annotation> <xs:documentation>Classification of hand brake</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>No hand brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Ground-operated hand brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Platform-operated hand brake</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ILU_TypeDetail**

diagram																																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																	
type	restriction of xs:token																																	
properties	content simple																																	
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>BX</td><td></td></tr> <tr><td>enumeration</td><td>BK</td><td></td></tr> <tr><td>enumeration</td><td>FL</td><td></td></tr> <tr><td>enumeration</td><td>HT</td><td></td></tr> <tr><td>enumeration</td><td>HC</td><td></td></tr> <tr><td>enumeration</td><td>IN</td><td></td></tr> <tr><td>enumeration</td><td>OT</td><td></td></tr> <tr><td>enumeration</td><td>HH</td><td></td></tr> <tr><td>enumeration</td><td>PW</td><td></td></tr> <tr><td>enumeration</td><td>OS</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	BX		enumeration	BK		enumeration	FL		enumeration	HT		enumeration	HC		enumeration	IN		enumeration	OT		enumeration	HH		enumeration	PW		enumeration	OS	
Kind	Value	Annotation																																
enumeration	BX																																	
enumeration	BK																																	
enumeration	FL																																	
enumeration	HT																																	
enumeration	HC																																	
enumeration	IN																																	
enumeration	OT																																	
enumeration	HH																																	
enumeration	PW																																	
enumeration	OS																																	

	<p>enumeration RF</p> <p>enumeration SD</p> <p>enumeration SL</p> <p>enumeration VE</p> <p>enumeration TC</p> <p>enumeration RH</p>
source	<pre> <xs:element name="ILU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element IncotermCode

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	CIP	documentation Carriage Insurance Paid
	enumeration	CPT	documentation Carriage Paid To
	enumeration	DAF	documentation Delivered At Frontier (deprecated in 2011-01-01)
	enumeration	DDP	documentation Delivered Duty Paid
	enumeration	DDU	documentation Delivered Duty Unpaid (deprecated in 2011-01-01)
	enumeration	EXW	documentation EX Works
	enumeration	FCA	documentation Free Carrier
	enumeration	DAP	documentation

	<p>enumeration DAT Delivered At Place documentation Delivered At Terminal</p>
annotation	<p>documentation Incoterm (given by the client)</p>
source	<pre> <xs:element name="IncotermCode"> <xs:annotation> <xs:documentation>Incoterm (given by the client)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIP"> <xs:annotation> <xs:documentation>Carriage Insurance Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CPT"> <xs:annotation> <xs:documentation>Carriage Paid To</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DAF"> <xs:annotation> <xs:documentation>Delivered At Frontier (deprecated in 2011-01-01)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DDP"> <xs:annotation> <xs:documentation>Delivered Duty Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DDU"> <xs:annotation> <xs:documentation>Delivered Duty Unpaid (deprecated in 2011-01-01)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="EXW"> <xs:annotation> <xs:documentation>EX Works</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FCA"> <xs:annotation> <xs:documentation>Free Carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DAP"> <xs:annotation> <xs:documentation>Delivered At Place</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DAT"> <xs:annotation> <xs:documentation>Delivered At Terminal</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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</xs:restriction>
</xs:simpleType>
</xs:element>
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element **InfoOnGoodsShapeTypeDanger**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation Container
	enumeration	02	documentation Other intermodal traffic
	enumeration	03	documentation Rolling road (RR)
	enumeration	06	documentation Semi-Trailer on bogies
	enumeration	10	documentation 1 - danger of explosion (subclass 1.1, 1.2, 1.3)
	enumeration	14	documentation 1.4 - danger of explosion (subclass 1.4)
	enumeration	15	documentation 1.5 - danger of explosion (subclass 1.5)
	enumeration	16	documentation 1.6 - danger of explosion (subclass 1.6)
	enumeration	21	documentation 2.1 - inflammable gases
	enumeration	22	documentation 2.2 - non inflammable,non-toxic gases
	enumeration	23	documentation 2.3 - toxic gases
	enumeration	30	documentation 3 - fire hazard (inflammable liquids)
	enumeration	41	documentation 4.1 - fire hazard (inflammable solids)
	enumeration	42	documentation 4.2 - spontaneously inflammable
	enumeration	43	documentation 4.3 - gives off inflammable gas on contact with water
	enumeration	51	documentation 5.1 - combustible substance
	enumeration	52	documentation 5.2 - organic peroxide
	enumeration	61	documentation 6.1 - toxic substance
	enumeration	62	documentation 6.2 - infectious substance
	enumeration	71	documentation 7A - radioactive substance in category I packing WHITE
	enumeration	72	documentation 7B - radioactive substance in category II packing YELLOW
	enumeration	73	documentation 7C - radioactive substance in category III packing YELLOW

	enumeration 74	documentation 7D - Common label for radioactive substances included under 7A, 7B + 7C
	enumeration 75	documentation 7E - fissible substance
	enumeration 80	documentation 8 - corrosive substance
	enumeration 90	documentation Various dangerous substance and objects not covered by the other classes
	enumeration 96	documentation Environmentally hazardous substance (RID 5.2.1.8)
	enumeration 97	documentation More than 8 tons of dangerous goods packaged in limited quantities (LQ)
	enumeration 98	documentation Livestock
	enumeration 99	documentation Perishables
annotation	documentation	Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1
source		<pre> <xs:element name="InfoOnGoodsShapeTypeDanger"> <xs:annotation> <xs:documentation>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Other intermodal traffic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Rolling road (RR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>Semi-Trailer on bogies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>1 - danger of explosion (subclass 1.1, 1.2, 1.3)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>1.4 - danger of explosion (subclass 1.4)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> </pre>

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        <xs:documentation>1.5 - danger of explosion (subclass
1.5)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
        <xs:annotation>
            <xs:documentation>1.6 - danger of explosion (subclass
1.6)</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="21">
            <xs:annotation>
                <xs:documentation>2.1 - inflammable gases</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="22">
                <xs:annotation>
                    <xs:documentation>2.2 - non inflammable,non-toxic
gases</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
                <xs:enumeration value="23">
                    <xs:annotation>
                        <xs:documentation>2.3 - toxic gases</xs:documentation>
                        </xs:annotation>
                    </xs:enumeration>
                    <xs:enumeration value="30">
                        <xs:annotation>
                            <xs:documentation>3 - fire hazard (inflammable
liquids)</xs:documentation>
                            </xs:annotation>
                        </xs:enumeration>
                        <xs:enumeration value="41">
                            <xs:annotation>
                                <xs:documentation>4.1 - fire hazard (inflammable
solids)</xs:documentation>
                                </xs:annotation>
                            </xs:enumeration>
                            <xs:enumeration value="42">
                                <xs:annotation>
                                    <xs:documentation>4.2 - spontaneoulsy
inflammable</xs:documentation>
                                    </xs:annotation>
                                </xs:enumeration>
                                <xs:enumeration value="43">
                                    <xs:annotation>
                                        <xs:documentation>4.3 - gives off inflammable gas on contact with
water</xs:documentation>
                                        </xs:annotation>
                                    </xs:enumeration>
                                    <xs:enumeration value="51">
                                        <xs:annotation>
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                                            </xs:annotation>
                                        </xs:enumeration>
                                        <xs:enumeration value="52">
                                            <xs:annotation>
                                                <xs:documentation>5.2 - organic peroxide</xs:documentation>

```

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="61">
  <xs:annotation>
    <xs:documentation>6.1 - toxic substance</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="62">
  <xs:annotation>
    <xs:documentation>6.2 - infectious substance</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="71">
  <xs:annotation>
    <xs:documentation>7A - radioactive substance in category I packing
WHITE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="72">
  <xs:annotation>
    <xs:documentation>7B - radioactive substance in category II
packing YELLOW</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="73">
  <xs:annotation>
    <xs:documentation>7C - radioactive substance in category III
packing YELLOW</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="74">
  <xs:annotation>
    <xs:documentation>7D - Common label for radioactive substances
included under 7A, 7B + 7C</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="75">
  <xs:annotation>
    <xs:documentation>7E - fissible substance</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="80">
  <xs:annotation>
    <xs:documentation>8 - corrosive substance</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
  <xs:annotation>
    <xs:documentation>Various dangerous substance and objects not
covered by the other classes</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="96">
  <xs:annotation>
    <xs:documentation>Environmentally hazardous substance (RID
5.2.1.8)</xs:documentation>
  </xs:annotation>
</xs:enumeration>

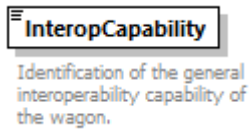
```

```

<xs:enumeration value="97">
  <xs:annotation>
    <xs:documentation>More than 8 tons of dangerous goods packaged in
limited quantities (LQ)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="98">
  <xs:annotation>
    <xs:documentation>Livestock</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="99">
  <xs:annotation>
    <xs:documentation>Perishables</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **InteropCapability**

diagram																												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																											
type	restriction of xs:integer																											
properties	content simple																											
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation National</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Bi-/Multilateral (with agreement or authorisation grid)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation RIV</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation TEN</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation TEN-GE</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation TEN-CW</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation TEN RIV</td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	2		enumeration	1	documentation National	enumeration	2	documentation Bi-/Multilateral (with agreement or authorisation grid)	enumeration	3	documentation RIV	enumeration	5	documentation TEN	enumeration	6	documentation TEN-GE	enumeration	7	documentation TEN-CW	enumeration	8	documentation TEN RIV
Kind	Value	Annotation																										
totalDigits	2																											
enumeration	1	documentation National																										
enumeration	2	documentation Bi-/Multilateral (with agreement or authorisation grid)																										
enumeration	3	documentation RIV																										
enumeration	5	documentation TEN																										
enumeration	6	documentation TEN-GE																										
enumeration	7	documentation TEN-CW																										
enumeration	8	documentation TEN RIV																										
annotation	documentation Identification of the general interoperability capability of the wagon.																											
source	<pre> <xs:element name="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																											


```

<xs:enumeration value="1">
  <xs:annotation>
    <xs:documentation>National</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <xs:documentation>Bi-/Multilateral (with agreement or
authorisation grid)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>RIV</xs:documentation>
  </xs:annotation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>TEN-GE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>TEN-CW</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
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    <xs:documentation>TEN RIV</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

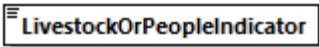
element **JourneyLocationTypeCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation Origin
	enumeration	02	documentation Intermediate
	enumeration	03	documentation Destination
	enumeration	04	documentation

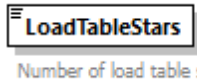
	<p>enumeration 05 Handover documentation</p> <p>enumeration 06 Interchange documentation</p> <p>enumeration 07 Handover and Interchange documentation</p> <p>enumeration 08 State Border documentation</p> <p>enumeration 09 None documentation</p> <p>enumeration 99 Network border documentation</p> <p>Mutually Defined</p>
source	<pre> <xs:element name="JourneyLocationTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Origin</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Intermediate</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Destination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Handover</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Interchange</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>Handover and Interchange</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>State Border</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>None</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>Network border</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>Mutually Defined</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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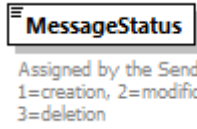
element **LivestockOrPeopleIndicator**

diagram	 <p>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	<p>documentation</p> <p>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</p>									
source	<pre> <xs:element name="LivestockOrPeopleIndicator"> <xs:annotation> <xs:documentation>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'<!--</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre--> </pre>									

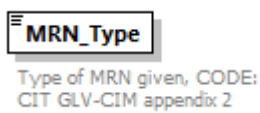
element **LoadTableStars**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:integer															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	1		enumeration	1	documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.	enumeration	2	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.	enumeration	3	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.
Kind	Value	Annotation														
totalDigits	1															
enumeration	1	documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.														
enumeration	2	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.														
enumeration	3	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.														
annotation	documentation Number of load table stars.															
source	<pre> <xs:element name="LoadTableStars"> <xs:annotation> <xs:documentation>Number of load table stars.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **MessageStatus**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation creation</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation modification</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation deletion</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation creation	enumeration	2	documentation modification	enumeration	3	documentation deletion
Kind	Value	Annotation											
enumeration	1	documentation creation											
enumeration	2	documentation modification											
enumeration	3	documentation deletion											
annotation	documentation Assigned by the Sender 1=creation, 2=modification, 3=deletion												
source	<pre> <xs:element name="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=creation, 2=modification, 3=deletion</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>creation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>modification</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>deletion</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **MRN_Type**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:token																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>MRN-E</td> <td>documentation if an EXPORT declaration has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-T</td> <td>documentation if a TRANSIT declaration has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-TS</td> <td>documentation if a TRANSIT declaration with SECURITY data has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-EXS</td> <td>documentation if the EXIT SUMMARY declaration has been made separately by the consignor</td> </tr> <tr> <td>enumeration</td> <td>MRN-ENS</td> <td>documentation if the ENTRY SUMMARY declaration has been made separately by the consignor</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	MRN-E	documentation if an EXPORT declaration has been lodged	enumeration	MRN-T	documentation if a TRANSIT declaration has been lodged	enumeration	MRN-TS	documentation if a TRANSIT declaration with SECURITY data has been lodged	enumeration	MRN-EXS	documentation if the EXIT SUMMARY declaration has been made separately by the consignor	enumeration	MRN-ENS	documentation if the ENTRY SUMMARY declaration has been made separately by the consignor
Kind	Value	Annotation																	
enumeration	MRN-E	documentation if an EXPORT declaration has been lodged																	
enumeration	MRN-T	documentation if a TRANSIT declaration has been lodged																	
enumeration	MRN-TS	documentation if a TRANSIT declaration with SECURITY data has been lodged																	
enumeration	MRN-EXS	documentation if the EXIT SUMMARY declaration has been made separately by the consignor																	
enumeration	MRN-ENS	documentation if the ENTRY SUMMARY declaration has been made separately by the consignor																	
annotation	documentation Type of MRN given, CODE: CIT GLV-CIM appendix 2																		
source	<pre> <xs:element name="MRN_Type"> <xs:annotation> <xs:documentation>Type of MRN given, CODE: CIT GLV-CIM appendix 2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="MRN-E"> <xs:annotation> <xs:documentation>if an EXPORT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-T"> <xs:annotation> <xs:documentation>if a TRANSIT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-TS"> <xs:annotation> <xs:documentation>if a TRANSIT declaration with SECURITY data has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-EXS"> <xs:annotation> <xs:documentation>if the EXIT SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-ENS"> <xs:annotation> <xs:documentation>if the ENTRY SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>																		

element **NormalLoadingGauge**

diagram	 <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used....</p>																																				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																				
type	restriction of xs:token																																				
properties	content simple																																				
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>G1</td><td></td></tr> <tr><td>enumeration</td><td>G2</td><td></td></tr> <tr><td>enumeration</td><td>GA</td><td></td></tr> <tr><td>enumeration</td><td>GB</td><td></td></tr> <tr><td>enumeration</td><td>GC</td><td></td></tr> <tr><td>enumeration</td><td>GB1</td><td></td></tr> <tr><td>enumeration</td><td>GB2</td><td></td></tr> <tr><td>enumeration</td><td>GB-M6</td><td></td></tr> <tr><td>enumeration</td><td>GHE16</td><td></td></tr> <tr><td>enumeration</td><td>W6-A</td><td></td></tr> <tr><td>enumeration</td><td>SEa</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	G1		enumeration	G2		enumeration	GA		enumeration	GB		enumeration	GC		enumeration	GB1		enumeration	GB2		enumeration	GB-M6		enumeration	GHE16		enumeration	W6-A		enumeration	SEa	
Kind	Value	Annotation																																			
enumeration	G1																																				
enumeration	G2																																				
enumeration	GA																																				
enumeration	GB																																				
enumeration	GC																																				
enumeration	GB1																																				
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enumeration	GB-M6																																				
enumeration	GHE16																																				
enumeration	W6-A																																				
enumeration	SEa																																				
annotation	<p>documentation</p> <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used.</p>																																				
source	<pre><xs:element name="NormalLoadingGauge"> <xs:annotation> <xs:documentation> All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273- 2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G1"/> <xs:enumeration value="G2"/> <xs:enumeration value="GA"/> <xs:enumeration value="GB"/> <xs:enumeration value="GC"/> <xs:enumeration value="GB1"/> <xs:enumeration value="GB2"/> <xs:enumeration value="GB-M6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																																				

```

<xs:enumeration value="GHE16"/>
<xs:enumeration value="W6-A"/>
<xs:enumeration value="SEa"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **PackingGroup**

diagram	 <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>I</td> <td>documentation High danger</td> </tr> <tr> <td>enumeration</td> <td>II</td> <td>documentation Medium danger</td> </tr> <tr> <td>enumeration</td> <td>III</td> <td>documentation Low danger</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	I	documentation High danger	enumeration	II	documentation Medium danger	enumeration	III	documentation Low danger
Kind	Value	Annotation											
enumeration	I	documentation High danger											
enumeration	II	documentation Medium danger											
enumeration	III	documentation Low danger											
annotation	documentation The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".												
source	<pre> <xs:element name="PackingGroup"> <xs:annotation> <xs:documentation>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="I"> <xs:annotation> <xs:documentation>High danger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="II"> <xs:annotation> </pre>												


```

        <xs:documentation>Medium danger</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="III">
    <xs:annotation>
        <xs:documentation>Low danger</xs:documentation>
    </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **PrepaidcodeCarrier**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	10	documentation prepaid freight
	enumeration	11	documentation prepaid freight including...
	enumeration	12	documentation prepaid freight including...up to border of origin country
	enumeration	13	documentation prepaid freight including...up to exit border of last transit country
	enumeration	14	documentation prepaid freight including...up to exit border of other countries
	enumeration	15	documentation prepaid freight up to border of origin country
	enumeration	16	documentation prepaid freight up to exit border of last transit country
	enumeration	17	documentation prepaid freight up to exit border of other countries
	enumeration	20	documentation prepaid all costs
	enumeration	42	documentation Free carrier
	enumeration	43	documentation Carriage paid to...
	enumeration	44	documentation Delivered duty unpaid
	enumeration	45	documentation Carriage insurance paid
	enumeration	46	documentation Delivered at terminal
	enumeration	47	documentation Delivered at place
	enumeration	90	documentation not prepaid
annotation	documentation	Prepaidcode (given by the railway)	
source	<xs:element name="PrepaidcodeCarrier">		

```

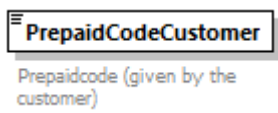
<xs:annotation>
  <xs:documentation>Prepaidcode (given by the railway)</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>prepaid freight</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>prepaid freight including... </xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>prepaid freight including...up to border of
origin country</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
      <xs:annotation>
        <xs:documentation>prepaid freight including...up to exit border of
last transit country </xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14">
      <xs:annotation>
        <xs:documentation>prepaid freight including...up to exit border of
other countries </xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
      <xs:annotation>
        <xs:documentation>prepaid freight up to border of origin country
</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
      <xs:annotation>
        <xs:documentation>prepaid freight up to exit border of last
transit country</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="17">
      <xs:annotation>
        <xs:documentation>prepaid freight up to exit border of other
countries </xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="20">
      <xs:annotation>
        <xs:documentation>prepaid all costs</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
      <xs:annotation>

```

```

        <xs:documentation>Free carrier </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
    <xs:annotation>
        <xs:documentation>Carriage paid to...</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
    <xs:annotation>
        <xs:documentation>Delivered duty unpaid</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
    <xs:annotation>
        <xs:documentation>Carriage insurance paid </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
    <xs:annotation>
        <xs:documentation>Delivered at terminal</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="47">
    <xs:annotation>
        <xs:documentation>Delivered at place</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
    <xs:annotation>
        <xs:documentation>not prepaid</xs:documentation>
    </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **PrepaidCodeCustomer**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	10	documentation prepaid freight
	enumeration	11	documentation prepaid freight including...
	enumeration	12	documentation prepaid freight including...up to border of origin country
	enumeration	13	documentation prepaid freight including...up to exit border of last transit country

	enumeration 14	documentation prepaid freight including...up to exit border of other countries
	enumeration 15	documentation prepaid freight up to border of origin country
	enumeration 16	documentation prepaid freight up to exit border of last transit country
	enumeration 17	documentation prepaid freight up to exit border of other countries
	enumeration 20	documentation prepaid all costs
	enumeration 42	documentation Free carrier
	enumeration 43	documentation Carriage paid to...
	enumeration 44	documentation Delivered duty unpaid
	enumeration 45	documentation Carriage insurance paid
	enumeration 46	documentation Delivered at terminal
	enumeration 47	documentation Delivered at place
	enumeration 90	documentation not prepaid
annotation	documentation	Prepaidcode (given by the customer)
source	<pre> <xs:element name="PrepaidCodeCustomer"> <xs:annotation> <xs:documentation>Prepaidcode (given by the customer)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>prepaid freight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>prepaid freight including... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>prepaid freight including...up to border of origin country</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of last transit country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of other countries </xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

```


</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>prepaid freight up to border of origin country
</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>prepaid freight up to exit border of last
transit country</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>prepaid freight up to exit border of other
countries </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>prepaid all costs</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>Free carrier </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>
    <xs:documentation>Carriage paid to...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
  <xs:annotation>
    <xs:documentation>Delivered duty unpaid</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
    <xs:documentation>Carriage insurance paid </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
  <xs:annotation>
    <xs:documentation>Delivered at terminal</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="47">
  <xs:annotation>
    <xs:documentation>Delivered at place</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
  <xs:annotation>
    <xs:documentation>not prepaid</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **ProcessType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	0	documentation New Path Request and allocation process for annual timetable
	enumeration	1	documentation Late Path Request and allocation process for annual timetable
	enumeration	2	documentation Ad hoc path request and allocation process
	enumeration	3	documentation Rolling Planning path request and allocation process
	enumeration	4	documentation Feasibility Study process
	enumeration	5	documentation Path Modification process (triggered by applicant)
	enumeration	6	documentation Path Alteration process (triggered by IM)
	enumeration	7	documentation Pre-arranged Path publication by RFC
	enumeration	8	documentation Catalogue Path publication by IM
	enumeration	10	documentation Path Cancellation process
	enumeration	11	documentation Path Utilisation notification process
annotation	documentation	Business process type to further distinguish among type of requests.	
source	<pre> <xs:element name="ProcessType"> <xs:annotation> <xs:documentation>Business process type to further distinguish among type of requests.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>New Path Request and allocation process for annual timetable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Late Path Request and allocation process for </pre>		

```

annual timetable</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <xs:documentation>Ad hoc path request and allocation
process</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>Rolling Planning path request and allocation
process</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>Feasibility Study process</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Path Modification process (triggered by
applicant)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Path Alteration process (triggered by
IM)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Pre-arranged Path publication by
RFC</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Catalogue Path publication by
IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Path Cancellation process</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Path Utilisation notification
process</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>

```

	<code></xs:element></code>
--	----------------------------------

type	restriction of xs:string		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	enumeration	1000	documentation Same path offer is desired as for stated PathRequestMessage
	enumeration	1001	documentation Same path is desired as for stated train/path
	enumeration	1002	documentation Full replacement of stated previous path
	enumeration	1003	documentation Partial replacement of stated previous path
	enumeration	1004	documentation Reference to sub train of Y-train bundle
	enumeration	1005	documentation Reference to main train of Y-train bundle
	enumeration	1006	documentation Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area
	enumeration	1007	documentation Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area
	enumeration	1008	documentation Reference to further path offer for the PathRequestMessage
	enumeration	1009	documentation Reference to booked path before interruption by railway replacement traffic by bus
	enumeration	1010	documentation Reference to a PreArrangedPath
	enumeration	1011	documentation Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed
	enumeration	1012	documentation New final offer to former draft offer
	enumeration	1013	documentation Replaced path after modification by ResponsibleApplicant
	enumeration	1014	documentation New Route
	enumeration	1015	documentation Updated Route
	enumeration	5001	documentation Reference to another object on the basis of incident management in operations phase
	enumeration	DE01	documentation Reference to an associated empty/transfer train
	enumeration	DE02	documentation Reference to an associated main run
	enumeration	DE03	documentation Notice stated PathRequestMessage
	enumeration	DE04	documentation Replacement of stated train
	enumeration	DE05	documentation Reference to a reserved capacity
	enumeration	DE06	documentation Use of same OTN as of stated train
	enumeration	DE07	documentation PathID from a framework contract
annotation	documentation Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier. List of codes for element ReasonOfReference: 1000 = Same path offer is desired as for stated PathRequestMessage		

	<p>(Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible). RPTID: All others PathRequestIDs).</p> <p>1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID).</p> <p>1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID).</p> <p>1003 = Partial replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).</p> <p>1004 = Reference to sub train of Y-train bundle (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)</p> <p>1005 = Reference to main train of Y-train bundle (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)</p> <p>1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)</p> <p>1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)</p> <p>1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).</p> <p>1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).</p> <p>1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)</p> <p>1013 = Replaced path after modification by ResponsibleApplicant</p>
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	<p>(Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)</p> <p>1014 = New Route (Additional information: Reference to previous Route replaced by the new Route)</p> <p>1015 = Updated Route (Additional information: Reference to the Route that is updated)</p> <p>5001 = Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes:</p> <p>DE01 = Reference to an associated empty/transfer train (Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)</p> <p>DE02 = Reference to an associated main run (Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)</p> <p>DE03 = Notice stated PathRequestMessage (Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.)</p> <p>DE04 = Replacement of stated train (Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)</p> <p>DE05 = Reference to a reserved capacity (Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)</p> <p>DE06 = Use of same OTN as of stated train (Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family. The trains have only slightly differences on various days. RPTID: TrainID.)</p> <p>DE07 = PathID from a framework contract</p>
source	<pre><xs:element name="ReasonOfReference"> <xs:annotation> <xs:documentation>Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier. List of codes for element ReasonOfReference: 1000 = Same path offer is desired as for stated PathRequestMessage (Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible). RPTID: All others PathRequestIDs). 1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID). 1002 = Full replacement of stated previous path (Additional information:The current path given in PathDetailsMessage</pre>

will replace the stated path fully after confirming the path offer.
The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM.
Calendar of
previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID).

1003 = Partial replacement of stated previous path
(Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer.
The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of
the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous
path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).

1004 = Reference to sub train of Y-train bundle
(Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)

1005 = Reference to main train of Y-train bundle
(Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)

1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area
(Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)

1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area
(Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)

1008 = Reference to further path offer for the PathRequestMessage
(Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)

1009 = Reference to booked path before interruption by railway replacement traffic by bus
(Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).

1010 = Reference to a PreArrangedPath
(Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).

1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed
(Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).

1012 = New final offer to former draft offer

(Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer).
Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)

1013 = Replaced path after modification by ResponsibleApplicant
(Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)

1014 = New Route
(Additional information: Reference to previous Route replaced by the new Route)

1015 = Updated Route
(Additional information: Reference to the Route that is updated)

5001 = Reference to another object on the basis of incident management in operations phase
Specific code only for one IM/national codes:

DE01 = Reference to an associated empty/transfer train
(Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)

DE02 = Reference to an associated main run
(Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)

DE03 = Notice stated PathRequestMessage
(Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.)

DE04 = Replacement of stated train
(Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)

DE05 = Reference to a reserved capacity
(Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)

DE06 = Use of same OTN as of stated train
(Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family.
The trains have only slightly differences on various days. RPTID: TrainID.)

DE07 = PathID from a framework contract

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bundle</xs:documentation>
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PreArrangedPath</xs:documentation>
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element **RefusalCode**

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type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Data not authorised by Wagon Keeper</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Wagon number freight unknown</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Data not authorised by Wagon Keeper	enumeration	2	documentation Wagon number freight unknown
Kind	Value	Annotation								
enumeration	1	documentation Data not authorised by Wagon Keeper								
enumeration	2	documentation Wagon number freight unknown								
annotation	documentation Code List Candidate									
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	<pre> <xs:annotation> <xs:documentation>Wagon number freight unknown</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **RollingRoadUnitType**

diagram																
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type	restriction of xs:token															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>HGZ</td> <td>documentation articulated lorry</td> </tr> <tr> <td>enumeration</td> <td>SAL</td> <td>documentation semi-trailer</td> </tr> <tr> <td>enumeration</td> <td>MW</td> <td>documentation motor vehicle</td> </tr> <tr> <td>enumeration</td> <td>ANH</td> <td>documentation trailer</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	HGZ	documentation articulated lorry	enumeration	SAL	documentation semi-trailer	enumeration	MW	documentation motor vehicle	enumeration	ANH	documentation trailer
Kind	Value	Annotation														
enumeration	HGZ	documentation articulated lorry														
enumeration	SAL	documentation semi-trailer														
enumeration	MW	documentation motor vehicle														
enumeration	ANH	documentation trailer														
annotation	documentation Type of Rolling Road unit on Wagon															
source	<pre> <xs:element name="RollingRoadUnitType"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>															


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element **RouteClass**

<p>diagram</p>	 <p>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure), All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</p>																																																																																	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>																																																																																	
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<p>properties</p>	<p>content simple</p>																																																																																	
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>minLength</td><td>1</td><td></td></tr> <tr><td>maxLength</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>B</td><td></td></tr> <tr><td>enumeration</td><td>B1</td><td></td></tr> <tr><td>enumeration</td><td>B2</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> <tr><td>enumeration</td><td>C2</td><td></td></tr> <tr><td>enumeration</td><td>C3</td><td></td></tr> <tr><td>enumeration</td><td>C4</td><td></td></tr> <tr><td>enumeration</td><td>CM</td><td></td></tr> <tr><td>enumeration</td><td>CM2</td><td></td></tr> <tr><td>enumeration</td><td>CM3</td><td></td></tr> <tr><td>enumeration</td><td>CM4</td><td></td></tr> <tr><td>enumeration</td><td>CE</td><td></td></tr> <tr><td>enumeration</td><td>D</td><td></td></tr> <tr><td>enumeration</td><td>D2</td><td></td></tr> <tr><td>enumeration</td><td>D3</td><td></td></tr> <tr><td>enumeration</td><td>D4</td><td></td></tr> <tr><td>enumeration</td><td>D5</td><td></td></tr> <tr><td>enumeration</td><td>E</td><td></td></tr> <tr><td>enumeration</td><td>E4</td><td></td></tr> <tr><td>enumeration</td><td>E5</td><td></td></tr> <tr><td>enumeration</td><td>E6</td><td></td></tr> <tr><td>enumeration</td><td>F</td><td></td></tr> <tr><td>enumeration</td><td>G</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	3		enumeration	A		enumeration	B		enumeration	B1		enumeration	B2		enumeration	C		enumeration	C2		enumeration	C3		enumeration	C4		enumeration	CM		enumeration	CM2		enumeration	CM3		enumeration	CM4		enumeration	CE		enumeration	D		enumeration	D2		enumeration	D3		enumeration	D4		enumeration	D5		enumeration	E		enumeration	E4		enumeration	E5		enumeration	E6		enumeration	F		enumeration	G	
Kind	Value	Annotation																																																																																
minLength	1																																																																																	
maxLength	3																																																																																	
enumeration	A																																																																																	
enumeration	B																																																																																	
enumeration	B1																																																																																	
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enumeration	E4																																																																																	
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enumeration	E6																																																																																	
enumeration	F																																																																																	
enumeration	G																																																																																	

<p>annotation</p>	<p>documentation Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</p>
<p>source</p>	<pre> <xs:element name="RouteClass"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="B1"/> <xs:enumeration value="B2"/> <xs:enumeration value="C"/> <xs:enumeration value="C2"/> <xs:enumeration value="C3"/> <xs:enumeration value="C4"/> <xs:enumeration value="CM"/> <xs:enumeration value="CM2"/> <xs:enumeration value="CM3"/> <xs:enumeration value="CM4"/> <xs:enumeration value="CE"/> <xs:enumeration value="D"/> <xs:enumeration value="D2"/> <xs:enumeration value="D3"/> <xs:enumeration value="D4"/> <xs:enumeration value="D5"/> <xs:enumeration value="E"/> <xs:enumeration value="E4"/> <xs:enumeration value="E5"/> <xs:enumeration value="E6"/> <xs:enumeration value="F"/> <xs:enumeration value="G"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RU_DeclarationCode**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>restriction of xs:token</p>


```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>Insufficient packaging: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.1">
  <xs:annotation>
    <xs:documentation>Goods clearly in poor condition: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.2">
  <xs:annotation>
    <xs:documentation>Goods damaged:(give details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.3">
  <xs:annotation>
    <xs:documentation>Goods wet: ... (give details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.4">
  <xs:annotation>
    <xs:documentation>Goods frozen: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Loaded by the consignor</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Loaded by the carrier in inclement weather at
the request of the consignor </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Unloaded by the consignee</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Unloaded by the carrier in
...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.1">
  <xs:annotation>
    <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of inclement weather </xs:documentation>
  </xs:annotation>
</xs:annotation>

```

```

</xs:enumeration>
<xs:enumeration value="9.2">
  <xs:annotation>
    <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of sealing of the wagon or ITU </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.3">
  <xs:annotation>
    <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of load in the wagon or ITU inaccessible
</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Request for examination in accordance with CIM
Article 11 section 3 presented late by the consignor</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Examination not made because of a shortage of
resources: ... (give details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Other reserves: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Code used for declarations, which are no
reservations. This code is not included in the official CIT code list and is
not to be printed on the paper consignment note.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **TractionMode**

diagram

TractionMode

Identifies the mode of deployment of a traction within a train
 First digit – traction role
 Second digit – position in group of traction units with the same role

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	content	simple	
facets	Kind	Value	Annotation
	minInclusive	11	
	maxInclusive	99	
	enumeration	11	documentation Train traction - 1st traction unit in the group
	enumeration	21	documentation Intermediate traction - 1st traction unit in the group
	enumeration	31	documentation Banking locomotive - 1st traction unit in the group
	enumeration	41	documentation Banking locomotive not coupled - 1st traction unit in the group
	enumeration	51	documentation No Leading Engine - 1st traction unit in the group
	enumeration	12	documentation Train traction - 2nd traction unit in the group
	enumeration	22	documentation Intermediate traction - 2nd traction unit in the group
	enumeration	32	documentation Banking locomotive - 2nd traction unit in the group
	enumeration	42	documentation Banking locomotive not coupled - 2nd traction unit in the group
	enumeration	52	documentation No Leading Engine - 2nd traction unit in the group
	enumeration	13	documentation Train traction - 3rd traction unit in the group
	enumeration	23	documentation Intermediate traction - 3rd traction unit in the group
	enumeration	33	documentation Banking locomotive - 3rd traction unit in the group
	enumeration	43	documentation Banking locomotive not coupled - 3rd traction unit in the group
	enumeration	53	documentation No Leading Engine - 3rd traction unit in the group
	enumeration	14	documentation Train traction - 4th traction unit in the group
	enumeration	24	documentation Intermediate traction - 4th traction unit in the group
	enumeration	34	documentation Banking locomotive - 4th traction unit in the group
	enumeration	44	documentation Banking locomotive not coupled - 4th traction unit in the group
	enumeration	54	documentation No Leading Engine - 4th traction unit in the group
	enumeration	15	documentation Train traction - 5th traction unit in the group
	enumeration	25	documentation Intermediate traction - 5th traction unit in the group
	enumeration	35	documentation Banking locomotive - 5th traction unit in the group
	enumeration	45	documentation Banking locomotive not coupled - 5th traction unit in the group
	enumeration	55	documentation No Leading Engine - 5th traction unit in the group
	enumeration	16	documentation Train traction - 6th traction unit in the group
	enumeration	26	documentation Intermediate traction - 6th traction unit in the group

	<p>enumeration 36 documentation Banking locomotive - 6th traction unit in the group</p> <p>enumeration 46 documentation Banking locomotive not coupled - 6th traction unit in the group</p> <p>enumeration 56 documentation No Leading Engine - 6th traction unit in the group</p>
annotation	<p>documentation Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role</p>
source	<pre> <xs:element name="TractionMode"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="11"/> <xs:maxInclusive value="99"/> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Train traction - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Intermediate traction - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation>Banking locomotive - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="41"> <xs:annotation> <xs:documentation>Banking locomotive not coupled - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation>No Leading Engine - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Train traction - 2nd traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Intermediate traction - 2nd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Banking locomotive - 2nd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>Banking locomotive not coupled - 2nd traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
  <xs:annotation>
    <xs:documentation>No Leading Engine - 2nd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Train traction - 3rd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Intermediate traction - 3rd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>Banking locomotive - 3rd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>
    <xs:documentation>Banking locomotive not coupled - 3rd traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">
  <xs:annotation>
    <xs:documentation>No Leading Engine - 3rd traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Train traction - 4th traction unit in the

```

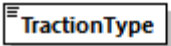
```

group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Intermediate traction - 4th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="34">
  <xs:annotation>
    <xs:documentation>Banking locomotive - 4th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
  <xs:annotation>
    <xs:documentation>Banking locomotive not coupled - 4th traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="54">
  <xs:annotation>
    <xs:documentation>No Leading Engine - 4th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>Train traction - 5th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Intermediate traction - 5th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="35">
  <xs:annotation>
    <xs:documentation>Banking locomotive - 5th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
    <xs:documentation>Banking locomotive not coupled - 5th traction
unit in the group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="55">
  <xs:annotation>
    <xs:documentation>No Leading Engine - 5th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">

```

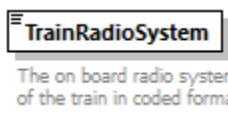
```
        <xs:annotation>
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group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    <xs:enumeration value="26">
      <xs:annotation>
        <xs:documentation>Intermediate traction - 6th traction unit in the
group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="36">
      <xs:annotation>
        <xs:documentation>Banking locomotive - 6th traction unit in the
group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="46">
      <xs:annotation>
        <xs:documentation>Banking locomotive not coupled - 6th traction
unit in the group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="56">
      <xs:annotation>
        <xs:documentation>No Leading Engine - 6th traction unit in the
group</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```

element **TractionType**


<p>diagram</p>	 <p>Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle</p>																																																															
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>																																																															
<p>type</p>	<p>restriction of xs:token</p>																																																															
<p>properties</p>	<p>content simple</p>																																																															
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>00</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <tr><td>enumeration</td><td>23</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>33</td><td></td></tr> <tr><td>enumeration</td><td>34</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	30		enumeration	31		enumeration	32		enumeration	33		enumeration	34	
Kind	Value	Annotation																																																														
enumeration	00																																																															
enumeration	01																																																															
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enumeration	04																																																															
enumeration	10																																																															
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enumeration	32																																																															
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enumeration	34																																																															
<p>annotation</p>	<p>documentation Identifies the type of a locomotive: First digit: "0" = not specified</p>																																																															

	<p>"1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle</p>
source	<pre> <xs:element name="TractionType"> <xs:annotation> <xs:documentation>Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainRadioSystem**

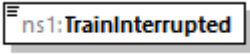
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	<p>documentation</p> <p>The on board radio system of the train in coded format</p>									
source	<pre><xs:element name="TrainRadioSystem"> <xs:annotation> <xs:documentation>The on board radio system of the train in coded format</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainRunningInterruptionStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ns1:TrainInterrupted
source	<pre><xs:element name="TrainRunningInterruptionStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

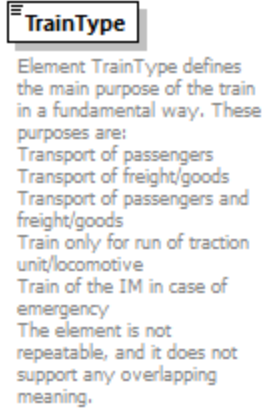
	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainRunningInterruptionStatus/TrainInterrupted**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:integer												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Not Interrupted</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Interrupted at location (default)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Will be interrupted, not yet at location</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Not Interrupted	enumeration	1	documentation Interrupted at location (default)	enumeration	2	documentation Will be interrupted, not yet at location
Kind	Value	Annotation											
enumeration	0	documentation Not Interrupted											
enumeration	1	documentation Interrupted at location (default)											
enumeration	2	documentation Will be interrupted, not yet at location											
source	<pre> <xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>												


```
</xs:element>
```

element **TrainType**

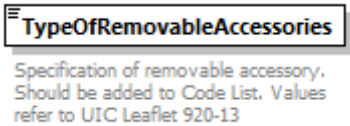
diagram	 <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.</p>																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																								
type	restriction of xs:integer																								
properties	content simple																								
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Other train</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Passenger train</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Freight train</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Light engine (locomotive train)</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Engineering train</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Emergency train</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Mixed train (passenger and freight train in combination)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Other train	enumeration	1	documentation Passenger train	enumeration	2	documentation Freight train	enumeration	3	documentation Light engine (locomotive train)	enumeration	4	documentation Engineering train	enumeration	5	documentation Emergency train	enumeration	6	documentation Mixed train (passenger and freight train in combination)
Kind	Value	Annotation																							
enumeration	0	documentation Other train																							
enumeration	1	documentation Passenger train																							
enumeration	2	documentation Freight train																							
enumeration	3	documentation Light engine (locomotive train)																							
enumeration	4	documentation Engineering train																							
enumeration	5	documentation Emergency train																							
enumeration	6	documentation Mixed train (passenger and freight train in combination)																							
annotation	<p>documentation Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.</p>																								
source	<pre><xs:element name="TrainType"> <xs:annotation> <xs:documentation>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping</pre>																								

```

meaning.
</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:integer">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>Other train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Passenger train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Freight train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Light engine (locomotive
train)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Engineering train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>Emergency train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>Mixed train (passenger and freight train in
combination)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

element **TypeOfRemovableAccessories**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>
<p>type</p>	<p>restriction of xs:token</p>

properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation Removable stanchion
	enumeration	02	documentation Removable side flap of flat wagon
	enumeration	03	documentation Removable end flap of flat wagon
	enumeration	04	documentation Removable side rail
	enumeration	05	documentation Removable intermediate upright for securing the load
	enumeration	06	documentation Stanchion chain
	enumeration	07	documentation Removable handle and wheel for winch on car-carrying wagon
	enumeration	08	documentation Swivelling bolster (with stanchions)
	enumeration	09	documentation Coupling rod (rigid coupling)
	enumeration	10	documentation Ice bunker
	enumeration	11	documentation Ice bunker screen
	enumeration	12	documentation Ice bunker frame
	enumeration	13	documentation Trestle or bar with hooks for hanging meat
	enumeration	14	documentation Movable cross-member of wagon with low loading plane
	enumeration	15	documentation Removable support
	enumeration	16	documentation Mooring cross-member on wagon for special loads
	enumeration	17	documentation Movable floor panel on wagon for special loads
	enumeration	18	documentation Scotch
	enumeration	19	documentation Skid bar with or without shoes on car-carrying wagon
	enumeration	20	documentation Mooring strap on car-carrying wagon
	enumeration	21	documentation Beam for movable ramp on car-carrying wagon
	enumeration	22	documentation Spare heating half-coupling
	enumeration	23	documentation Fire extinguisher
	enumeration	24	documentation Wheel scotches (for cars) on car-carrying wagon
	enumeration	25	documentation Gangway loading ramp on car-carrying wagon
	enumeration	26	documentation Metal cradles for rolls of metal sheeting
	enumeration	27	documentation Panel for covering markings
	enumeration	28	documentation Loading frame for special types of goods
enumeration	29	documentation Headstock for "rolling roads"	
enumeration	99	documentation Other wagon accessories	

annotation	<p>documentation Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13</p>
source	<pre> <xs:element name="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920- 13</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Removable stanchion</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Removable side flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Removable end flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Removable side rail</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Removable intermediate upright for securing the load</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>Stanchion chain</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>Removable handle and wheel for winch on car- carrying wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>Swivelling bolster (with stanchions)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> </pre>

```

    <xs:annotation>
      <xs:documentation>Coupling rod (rigid coupling)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="10">
    <xs:annotation>
      <xs:documentation>Ice bunker</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="11">
    <xs:annotation>
      <xs:documentation>Ice bunker screen</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="12">
    <xs:annotation>
      <xs:documentation>Ice bunker frame</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="13">
    <xs:annotation>
      <xs:documentation>Trestle or bar with hooks for hanging
meat</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="14">
    <xs:annotation>
      <xs:documentation>Movable cross-member of wagon with low loading
plane</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="15">
    <xs:annotation>
      <xs:documentation>Removable support</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="16">
    <xs:annotation>
      <xs:documentation>Mooring cross-member on wagon for special
loads</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="17">
    <xs:annotation>
      <xs:documentation>Movable floor panel on wagon for special
loads</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="18">
    <xs:annotation>
      <xs:documentation>Scotch</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="19">
    <xs:annotation>
      <xs:documentation>Skid bar with or without shoes on car-carrying
wagon</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```

```

</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Mooring strap on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>Beam for movable ramp on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Spare heating half-coupling</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Fire extinguisher</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Wheel scotches (for cars) on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Gangway loading ramp on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="26">
  <xs:annotation>
    <xs:documentation>Metal cradles for rolls of metal
sheeting</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="27">
  <xs:annotation>
    <xs:documentation>Panel for covering markings</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
  <xs:annotation>
    <xs:documentation>Loading frame for special types of
goods</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
  <xs:annotation>
    <xs:documentation>Headstock for "rolling roads"</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="99">

```

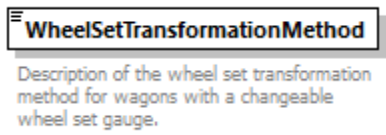
	<pre> <xs:annotation> <xs:documentation>Other wagon accessories</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **TypeOfUsedHybridPowerunit**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation electric (pantograph, conductor rail)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation liquid fuel (benzine, diesel, gasoline)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation battery</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation hydrogen</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation electric (pantograph, conductor rail)	enumeration	2	documentation liquid fuel (benzine, diesel, gasoline)	enumeration	3	documentation battery	enumeration	4	documentation hydrogen
Kind	Value	Annotation														
enumeration	1	documentation electric (pantograph, conductor rail)														
enumeration	2	documentation liquid fuel (benzine, diesel, gasoline)														
enumeration	3	documentation battery														
enumeration	4	documentation hydrogen														
annotation	documentation information about the type of power unit in case of using a hybrid locomotive															
source	<pre> <xs:element name="TypeOfUsedHybridPowerunit"> <xs:annotation> <xs:documentation>information about the type of power unit in case of using a hybrid locomotive</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>electric (pantograph, conductor rail)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>liquid fuel (benzine, diesel, gasoline)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>battery</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> </pre>															

	<pre> <xs:documentation>hydrogen</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **WheelSetTransformationMethod**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Automatic</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Bogie/axle change</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Automatic	enumeration	2	documentation Bogie/axle change
Kind	Value	Annotation								
enumeration	1	documentation Automatic								
enumeration	2	documentation Bogie/axle change								
annotation	documentation Description of the wheel set transformation method for wagons with a changeable wheel set gauge.									
source	<pre> <xs:element name="WheelSetTransformationMethod"> <xs:annotation> <xs:documentation>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Automatic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bogie/axle change</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:token						
properties	base xs:token						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIM</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIM	documentation
Kind	Value	Annotation					
enumeration	CIM	documentation					

	enumeration Other CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)
annotation	documentation Identifies the type of a waybill.
source	<pre> <xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **DelayCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base	xs:token	
facets	Kind	Value	Annotation
	enumeration	11	documentation Formation of trains if managed by infrastructure manager
	enumeration	10	documentation Timetable compilation
	enumeration	12	documentation Mistakes in operational procedures
	enumeration	13	documentation Wrong application of priority rules
	enumeration	14	
	enumeration	18	documentation Staff
	enumeration	19	documentation Other causes related to the operational planning and management
	enumeration	20	documentation Signalling installations
	enumeration	21	documentation Signalling installations at level crossings
	enumeration	22	documentation Telecommunication installations
	enumeration	23	documentation Power supply equipment
	enumeration	24	documentation Track
	enumeration	25	documentation Structures
	enumeration	28	documentation Staff
	enumeration	29	documentation Other causes related to infrastructure installations
	enumeration	31	documentation Irregularities in execution of construction work
	enumeration	30	documentation

		Planned construction work
enumeration	32	documentation
		Speed restrictions due to defective track
enumeration	39	documentation
		Other causes related to Civil engineering
enumeration	40	documentation
		Delay caused by next IM
enumeration	41	documentation
		Delay caused by previous IM
enumeration	50	documentation
		exceeding the stop time
enumeration	51	documentation
		Request of the RU
enumeration	52	documentation
		Loading operations
enumeration	53	documentation
		Loading irregularities
enumeration	54	documentation
		Commercial preparation of the train
enumeration	58	documentation
		Staff
enumeration	59	documentation
		Other causes related to commercial causes
enumeration	60	documentation
		Roster planning/re-rostering
enumeration	61	documentation
		Formation of trains by the RU
enumeration	62	documentation
		Problems affecting coaches
enumeration	63	documentation
		Problems affecting wagons
enumeration	64	documentation
		Problems affecting traction units
enumeration	68	documentation
		Staff
enumeration	69	documentation
		Other causes related to Rolling Stock
enumeration	70	documentation
		Delay caused by next RU
enumeration	71	documentation
		Delay caused by previous RU
enumeration	80	documentation
		Strike
enumeration	81	documentation
		Administrative formalites
enumeration	82	documentation
		Outside influence
enumeration	83	documentation
		Effects of weather and natural causes
enumeration	84	documentation
		Delay caused by external reasons on the next network
enumeration	89	documentation
		Other external causes
enumeration	90	documentation
		Dangerous incidents, accidents and hazards
enumeration	91	documentation
		Track occupation caused by the lateness of the same train
enumeration	92	documentation
		Track occupation caused by the lateness of another train
enumeration	93	documentation
		Turn round
enumeration	94	documentation
		Connection

	enumeration 95 documentation Further investigation needed
annotation	documentation Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.
source	<pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450- 2, Appendix C.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Formation of trains if managed by infrastructure manager</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Timetable compilation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Mistakes in operational procedures</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Wrong application of priority rules</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"/> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>Staff</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>Other causes related to the operational planning and management</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Signalling installations</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Signalling installations at level crossings</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> </pre>

```

    <xs:annotation>
      <xs:documentation>Telecommunication installations</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="23">
    <xs:annotation>
      <xs:documentation>Power supply equipment</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="24">
    <xs:annotation>
      <xs:documentation>Track</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="25">
    <xs:annotation>
      <xs:documentation>Structures</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="28">
    <xs:annotation>
      <xs:documentation>Staff</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="29">
    <xs:annotation>
      <xs:documentation>Other causes related to infrastructure
installations</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="31">
    <xs:annotation>
      <xs:documentation>Irregularities in execution of construction
work</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="30">
    <xs:annotation>
      <xs:documentation>Planned construction work</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="32">
    <xs:annotation>
      <xs:documentation>Speed restrictions due to defective
track</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="39">
    <xs:annotation>
      <xs:documentation>Other causes related to Civil
engineering</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="40">
    <xs:annotation>
      <xs:documentation>Delay caused by next IM</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```

```

<xs:enumeration value="41">
  <xs:annotation>
    <xs:documentation>Delay caused by previous IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
  <xs:annotation>
    <xs:documentation>exceeding the stop time</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="51">
  <xs:annotation>
    <xs:documentation>Request of the RU</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
  <xs:annotation>
    <xs:documentation>Loading operations</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">
  <xs:annotation>
    <xs:documentation>Loading irregularities</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="54">
  <xs:annotation>
    <xs:documentation>Commercial preparation of the
train</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="58">
  <xs:annotation>
    <xs:documentation>Staff</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="59">
  <xs:annotation>
    <xs:documentation>Other causes related to commercial
causes</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="60">
  <xs:annotation>
    <xs:documentation>Roster planning/re-rostering</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="61">
  <xs:annotation>
    <xs:documentation>Formation of trains by the RU</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="62">
  <xs:annotation>
    <xs:documentation>Problems affecting coaches</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="63">

```

```

    <xs:annotation>
      <xs:documentation>Problems affecting wagons</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="64">
    <xs:annotation>
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units</xs:documentation>
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  </xs:enumeration>
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      <xs:documentation>Staff</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
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      <xs:documentation>Other causes related to Rolling
Stock</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="70">
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      <xs:documentation>Delay caused by next RU</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="71">
    <xs:annotation>
      <xs:documentation>Delay caused by previous RU</xs:documentation>
    </xs:annotation>
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  <xs:enumeration value="80">
    <xs:annotation>
      <xs:documentation>Strike</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="81">
    <xs:annotation>
      <xs:documentation>Administrative formalites</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="82">
    <xs:annotation>
      <xs:documentation>Outside influence</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="83">
    <xs:annotation>
      <xs:documentation>Effects of weather and natural
causes</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="84">
    <xs:annotation>
      <xs:documentation>Delay caused by external reasons on the next
network</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```

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simpleType InfoIndex

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	base xs:string												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td></td> </tr> <tr> <td>enumeration</td> <td>20</td> <td></td> </tr> <tr> <td>enumeration</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	10		enumeration	20		enumeration	30	
Kind	Value	Annotation											
enumeration	10												
enumeration	20												
enumeration	30												
annotation	documentation indicates additional information												
source	<pre> <xs:simpleType name="InfoIndex"> <xs:annotation> </pre>												

	<pre> <xs:documentation>indicates additional information</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **MessageCode**

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type	restriction of xs:integer									
properties	base xs:integer									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Identifies the type of message									
source	<pre> <xs:simpleType name="MessageCode"> <xs:annotation> <xs:documentation>Identifies the type of message</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																														
type	restriction of xs:token																														
properties	base xs:token																														
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>07</td> <td>documentation F - Shunt only when hand brake operable with ground staff</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation F - Tank wagon loaded with liquid</td> </tr> <tr> <td>enumeration</td> <td>09</td> <td>documentation F - Wagon loaded with people</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation F - Bogie wagon with distance between wheels of more than 17,50 metres</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation F - Wagon not allowed over the hump</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation F - Do not fly shunt or gravity shunt (3 red triangles)</td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff	enumeration	08	documentation F - Tank wagon loaded with liquid	enumeration	09	documentation F - Wagon loaded with people	enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres	enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres	enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres	enumeration	15	documentation F - Wagon not allowed over the hump	enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)	enumeration	18	documentation
Kind	Value	Annotation																													
enumeration	07	documentation F - Shunt only when hand brake operable with ground staff																													
enumeration	08	documentation F - Tank wagon loaded with liquid																													
enumeration	09	documentation F - Wagon loaded with people																													
enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres																													
enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres																													
enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres																													
enumeration	15	documentation F - Wagon not allowed over the hump																													
enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)																													
enumeration	18	documentation																													

	enumeration 25	F - Must not use active braking equipment documentation
	enumeration 30	F - Gas carrying tank wagon with orange side stripe documentation
	enumeration 31	P (+F) - CCS fault (see CCS coding list) documentation
	enumeration 32	P (+F) - Braking system fault documentation
	enumeration 33	P (+F) - Wheelset, bogie fault documentation
	enumeration 34	P (+F) - Headlighting or back lighting fault documentation
	enumeration 35	P (+F) - Front glass broken documentation
	enumeration 36	P (+F) - Horn fault documentation
	enumeration 37	P (+F) - Radio fault documentation
	enumeration 38	P (+F) - Energy supply fault documentation
	enumeration 39	P (+F) - Traction or motor fault documentation
	enumeration 41	P - Access door fault documentation
	enumeration 42	F - Place this wagon at the front of the train documentation
	enumeration 50	F - Place this wagon at the rear of the train documentation
	enumeration 52	P (+F) - Speed restriction documentation
	enumeration 61	P (+F) - Diesel locomotive instead of electric locomotive documentation
	enumeration 62	F - Wagon forming part of a consignment of several wagons documentation
	enumeration 63	F - Wagon forming part of a group of wagons from which it must not be separated documentation
	enumeration 68	F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation
	enumeration 70	F - First or last wagon of a wagon group from which it must not be separated documentation
	enumeration 71	F - Shunt with care (1 red triangle) documentation
	enumeration 90	F - Shunt with special care (2 red triangle) documentation
	enumeration 91	P - Train planned with passengers operated without passengers documentation
	enumeration 92	P - Train planned without passengers operated with passengers documentation
	enumeration 94	P - Train planned with hauled rolling stock and operated without any coaches (light engine) documentation
	enumeration 99	F - Gas carrying wagon without orange side stripe documentation P - Other
annotation	documentation	All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list. F = Freight P = Passenger T = Technical D = Damage

L = Load		
Code	F or P	Description
		T D L
07	F	Shunt only when hand brake operable with ground staff
08	F	Tank wagon loaded with liquid
		x x
09	F	Wagon loaded with people
		x
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
		x
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
		x
13	F	Bogie wagon with distance between wheels of more than 17,50 metres
		x
15	F	Wagon not allowed over the hump
		x x x
16	F	Do not fly shunt or gravity shunt (3 red triangles)
		x x
18	F	Must not use active braking equipment
		x
25	F	Gas carrying tank wagon with orange side stripe
		x
30	P (+F)	CCS fault (see CCS coding list)
		x
31	P (+F)	Braking system fault
		x
32	P (+F)	Wheelset, bogie fault
		x
33	P (+F)	Headlighting or back lighting fault
		x
34	P (+F)	Front glass broken
		x
35	P (+F)	Horn fault
		x

30	P (+F) CCS fault (see CCS coding list)	X		
31	P (+F) Braking system fault	X		
32	P (+F) Wheelset, bogie fault		X	
33	P (+F) Headlighting or back lighting fault		X	
34	P (+F) Front glass broken	X		
35	P (+F) Horn fault		X	
36	P (+F) Radio fault			X
37	P (+F) Energy supply fault			X
38	P (+F) Traction or motor fault		X	
39	P Access door fault		X	
41	F Place this wagon at the front of the train			X
42	F Place this wagon at the rear of the train	X	X	X
50	P (+F) Speed restriction	X	X	X
52	P (+F) Diesel locomotive instead of electric locomotive		X	X

61	x F	(X) F Wagon forming part of a consignment of several wagons	
62	x F	Wagon forming part of a group of wagons from which it must not be separated	
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x
68	x F	First or last wagon of a wagon group from which it must not be separated	x
70	F	Shunt with care (1 red triangle)	x
71	F	Shunt with special care (2 red triangle)	x x x
90	P	Train planned with passengers operated without passengers	x x x
91	x P	Train planned without passengers operated with passengers	
92	x P	Train planned with hauled rolling stock and operated without any coaches (light engine)	
94	F	Gas carrying wagon without orange side stripe	x x
99	x P	Other	
	x		x
		<pre> </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>F - Shunt only when hand brake operable with ground staff</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>F - Tank wagon loaded with liquid</xs:documentation> </xs:annotation> </xs:enumeration> </pre>	

```

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  <xs:annotation>
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</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>F - Wagon other than bogie wagon with wheelbase of
more than 9 metres</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
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more than 14 metres and up to and including a distance of 17,50
metres</xs:documentation>
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more than 17,50 metres</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>F - Wagon not allowed over the
hump</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>F - Do not fly shunt or gravity shunt (3 red
triangles)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>F - Must not use active braking
equipment</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
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    <xs:documentation>F - Gas carrying tank wagon with orange side
stripe</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>P (+F) - CCS fault (see CCS coding
list)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
  <xs:annotation>
    <xs:documentation>P (+F) - Braking system fault</xs:documentation>

```

```

</xs:annotation>
</xs:enumeration>
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    <xs:documentation>P (+F) - Headlighting or back lighting
fault</xs:documentation>
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    <xs:documentation>P (+F) - Horn fault</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="37">
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<xs:enumeration value="38">
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    <xs:documentation>P (+F) - Traction or motor
fault</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="39">
  <xs:annotation>
    <xs:documentation>P - Access door fault</xs:documentation>
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</xs:enumeration>
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train</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>F - Place this wagon at the rear of the
train</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="50">
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```



```

    <xs:documentation>P (+F) - Speed restriction</xs:documentation>
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  <xs:annotation>
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locomotive</xs:documentation>
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wagons</xs:documentation>
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which it must not be separated</xs:documentation>
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    <xs:documentation>F (+P) - Special consignment or (for Passengers
trains) loading/cinematic gauge larger than the planned
one</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="68">
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which it must not be separated</xs:documentation>
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triangle)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="71">
  <xs:annotation>
    <xs:documentation>F - Shunt with special care (2 red
triangle)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
  <xs:annotation>
    <xs:documentation>P - Train planned with passengers operated without
passengers</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="91">
  <xs:annotation>
    <xs:documentation>P - Train planned without passengers operated with
passengers</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

<xs:enumeration value="92">
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operated without any coaches (light engine)</xs:documentation>
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stripe</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="99">
  <xs:annotation>
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</xs:simpleType>

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simpleType **RunningStatus**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base	xs:token	
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation Intermediate arrival
	enumeration	04	documentation Intermediate departure
	enumeration	05	documentation Pass through
	enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	documentation Not specified for wagon
	enumeration	11	documentation Wagon arrival at its destination by train
	enumeration	12	documentation Wagon departure from its station of origin by train
	enumeration	13	documentation Wagon arrival at reporting point by train
	enumeration	14	documentation Wagon departure from reporting point by train (HLR)
	enumeration	15	documentation Wagon run-through at reporting point by train
	enumeration	16	documentation Wagon parked at reporting point (MAD)

	<p>enumeration 17 documentation Wagon shunted at reporting point</p> <p>enumeration 18 documentation Wagon arrived at reporting point</p> <p>enumeration 19 documentation Wagon departure from reporting point</p>
annotation	<p>documentation Identifies the status of a train related to the actual time at the reporting point.</p>
source	<pre> <xs:simpleType name="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at the reporting point.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="00"> <xs:annotation> <xs:documentation>Not specified</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Arrival at destination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Departure at origin</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Intermediate arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Intermediate departure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Pass through</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>NEW CODES: Some IMs are transmitting these codes (6 - 9)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

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</xs:enumeration>
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</xs:enumeration>
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    <xs:documentation>Wagon arrival at its destination by
train</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Wagon departure from its station of origin by
train</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="13">
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    <xs:documentation>Wagon arrival at reporting point by
train</xs:documentation>
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    <xs:documentation>Wagon departure from reporting point by train
(HLR)</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="15">
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train</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="16">
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(MAD)</xs:documentation>
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<xs:enumeration value="17">
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point</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Wagon arrived at reporting
point</xs:documentation>

```

```

</xs:annotation>
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point</xs:documentation>
  </xs:annotation>
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</xs:simpleType>
    
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simpleType **TrainCC_SystemCode**

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type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
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	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	enumeration	16	
	enumeration	17	
	enumeration	18	
	enumeration	19	
	enumeration	20	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	25	
	enumeration	26	
	enumeration	27	
	enumeration	28	
	enumeration	29	
	enumeration	30	
	enumeration	31	
	enumeration	32	

	<p>enumeration 33</p> <p>enumeration 34</p> <p>enumeration 35</p> <p>enumeration 36</p> <p>enumeration 37</p> <p>enumeration 38</p> <p>enumeration 39</p> <p>enumeration 40</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 44</p> <p>enumeration 45</p> <p>enumeration 46</p> <p>enumeration 47</p> <p>enumeration 48</p> <p>enumeration 49</p> <p>enumeration 50</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p>
annotation	<p>documentation</p> <p>Type of Train Control System</p> <p>Identifies the command control system of the train in coded values.</p> <p>1 ALSN</p> <p>2 ASFA</p> <p>3 ATB 1st Gen</p> <p>4 ATB Next Gen</p> <p>5 ATC</p> <p>6 ATP</p> <p>7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I)</p> <p>8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II)</p> <p>9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II)</p> <p>10 Crocodile</p> <p>11 DAAT</p> <p>12 EBICAB 700</p> <p>13 EBICAB 900</p> <p>14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA))</p> <p>15 ETCS L1 LS plus EuroZUB</p> <p>16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d)</p> <p>17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d)</p> <p>18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0)</p> <p>19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0)</p> <p>20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0)</p> <p>21 ETCS Level 0</p> <p>22 ETCS Level 1</p> <p>23 ETCS Level 2</p> <p>24 ETCS Level 3</p> <p>25 ETCS Level NSC</p> <p>26 EVM</p> <p>27 Indusi 54</p> <p>28 Indusi 60 R</p> <p>29 Indusi PZ 80</p> <p>30 KBS-E</p> <p>31 KCVB</p>

	32 KCVP 33 KVB 34 KVBP 35 LS 36 LS 90 37 LS I 38 LS III 39 LS IV 40 LZB 41 Mirel 42 NEXTEO 43 PZB 44 PZB90 45 SCMT 46 SHP 47 SIFA 48 STM ASFA 49 STM LZB 50 TBL 1 51 TBL 2 52 TVM 300 53 TVM 430 54 ZUB
source	<pre><xs:simpleType name="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Type of Train Control System Identifies the command control system of the train in coded values. 1 ALSN 2 ASFA 3 ATB 1st Gen 4 ATB Next Gen 5 ATC 6 ATP 7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I) 8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) 9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II) 10 Crocodile 11 DAAT 12 EBICAB 700 13 EBICAB 900 14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA)) 15 ETCS L1 LS plus EuroZUB 16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d) 17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d) 18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0) 19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0) 20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0) 21 ETCS Level 0 22 ETCS Level 1 23 ETCS Level 2 24 ETCS Level 3 25 ETCS Level NSC 26 EVM</pre>

```
27 Indusi 54
28 Indusi 60 R
29 Indusi PZ 80
30 KBS-E
31 KCVB
32 KCVP
33 KVB
34 KVBP
35 LS
36 LS 90
37 LS I
38 LS III
39 LS IV
40 LZB
41 Mirel
42 NEXTEO
43 PZB
44 PZB90
45 SCMT
46 SHP
47 SIFA
48 STM ASFA
49 STM LZB
50 TBL 1
51 TBL 2
52 TVM 300
53 TVM 430
54 ZUB</xs:documentation>
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  <xs:enumeration value="04"/>
  <xs:enumeration value="05"/>
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  <xs:enumeration value="26"/>
  <xs:enumeration value="27"/>
  <xs:enumeration value="28"/>
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	<pre> <xs:enumeration value="29"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> <xs:enumeration value="35"/> <xs:enumeration value="36"/> <xs:enumeration value="37"/> <xs:enumeration value="38"/> <xs:enumeration value="39"/> <xs:enumeration value="40"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="43"/> <xs:enumeration value="44"/> <xs:enumeration value="45"/> <xs:enumeration value="46"/> <xs:enumeration value="47"/> <xs:enumeration value="48"/> <xs:enumeration value="49"/> <xs:enumeration value="50"/> <xs:enumeration value="51"/> <xs:enumeration value="52"/> <xs:enumeration value="53"/> <xs:enumeration value="54"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType TypeOfIMHarmonizationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre> <xs:simpleType name="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **TypeOfInformationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	99	
	enumeration	1	documentation harmonisation - in process
	enumeration	2	documentation harmonisation - accepted
	enumeration	3	documentation harmonisation - rejected
	enumeration	4	documentation Request ready
	enumeration	5	documentation path study request
	enumeration	6	documentation pre-arranged path/reserve capacity
	enumeration	7	documentation create offer
	enumeration	8	documentation coordination update
	enumeration	9	documentation draft offer
	enumeration	10	documentation draft alternative offer
	enumeration	11	documentation observation - in process
	enumeration	12	documentation observation - complete
	enumeration	13	documentation preparation of final offer - in process
	enumeration	14	documentation preparation of final offer - accepted
	enumeration	15	documentation preparation of final offer - rejected
	enumeration	16	documentation final offer
	enumeration	17	documentation final offer - accepted
	enumeration	18	documentation alternative offer accepted
	enumeration	19	documentation pre-accepted offer
	enumeration	20	documentation Final Offer rejected
	enumeration	21	documentation no alternative available
	enumeration	22	documentation booked
	enumeration	23	documentation preparation of draft alternative offer is in progress
	enumeration	24	documentation alternative offer triggered by IM
	enumeration	25	documentation offer/final offer rejected (without revision)
	enumeration	26	documentation alternative offer rejected (without revision)
	enumeration	27	documentation

	enumeration 28	offer/final offer rejected (revision required) documentation
	enumeration 29	alternative offer rejected (revision required) documentation
	enumeration 30	withdrawal documentation
	enumeration 31	Create Dossier documentation
	enumeration 32	Close Dossier documentation
	enumeration 33	Path canceled full documentation
	enumeration 40	Path canceled partial documentation
	enumeration 42	Fully Assembled Path (FAP, constructed path) documentation
	enumeration 43	Preparation of draft offer – accepted documentation
	enumeration 44	Preparation of draft offer – rejected documentation
	enumeration 45	Draft offer rejected documentation
	enumeration 50	Draft no alternative available documentation
	enumeration 51	activate path (utilisation notification) documentation
	enumeration 52	deactivate path (utilisation notification) documentation
	enumeration 53	confirmation of utilisation notification documentation
	enumeration 65	Path and train cancelled documentation
	enumeration 66	Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) documentation
		Booked after route update (used in PathDetailsMessage)
annotation		documentation Enumeration indicating to which process step / process type in the planning does the message belong
source		<pre> <xs:simpleType name="TypeOfInformationCode"> <xs:annotation> <xs:documentation>Enumeration indicating to which process step / process type in the planning does the message belong</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99"/> <xs:minInclusive value="0"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>harmonisation - in process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>harmonisation - accepted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>harmonisation - rejected</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

```

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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>path study request</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>pre-arranged path/reserve
capacity</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>create offer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>coordination update</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
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    <xs:documentation>draft alternative offer</xs:documentation>
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  <xs:annotation>
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  </xs:annotation>
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    <xs:documentation>preparation of final offer - in
process</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>preparation of final offer -
accepted</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

<xs:enumeration value="15">
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rejected</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
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</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>final offer - accepted</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>alternative offer accepted</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>pre-accepted offer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Final Offer rejected</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>no alternative available</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>booked</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>preparation of draft alternative offer is in
progress</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>alternative offer triggered by
IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>offer/final offer rejected (without
revision)</xs:documentation>
  </xs:annotation>

```

```

</xs:enumeration>
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revision)</xs:documentation>
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</xs:enumeration>
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    <xs:documentation>offer/final offer rejected (revision
required)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
  <xs:annotation>
    <xs:documentation>alternative offer rejected (revision
required)</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="29">
  <xs:annotation>
    <xs:documentation>withdrawal</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>Create Dossier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Close Dossier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Path canceled full</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
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path)</xs:documentation>
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  <xs:annotation>
    <xs:documentation>Preparation of draft offer -
accepted</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>

```

```

    <xs:documentation>Preparation of draft offer -
rejected</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
  <xs:annotation>
    <xs:documentation>Draft offer rejected</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
    <xs:documentation>Draft no alternative available</xs:documentation>
  </xs:annotation>
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notification)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">
  <xs:annotation>
    <xs:documentation>deactivate path (utilisation
notification)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
  <xs:annotation>
    <xs:documentation>confirmation of utilisation
notification</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">
  <xs:annotation>
    <xs:documentation>Path and train cancelled </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="65">
  <xs:annotation>
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to route update (used in PathNotAvailableMessage)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="66">
  <xs:annotation>
    <xs:documentation>Booked after route update (used in
PathDetailsMessage)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>

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simpleType **TypeOfLoadUnitType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
-----------	---

type	restriction of xs:token																		
properties	base xs:token																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation semitrailers</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation truck</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00	documentation unknown	enumeration	01	documentation Container	enumeration	02	documentation swap bodies	enumeration	03	documentation semitrailers	enumeration	04	documentation truck
Kind	Value	Annotation																	
enumeration	00	documentation unknown																	
enumeration	01	documentation Container																	
enumeration	02	documentation swap bodies																	
enumeration	03	documentation semitrailers																	
enumeration	04	documentation truck																	
annotation	documentation 00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck																		
source	<pre> <xs:simpleType name="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="00"> <xs:annotation> <xs:documentation>unknown</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>swap bodies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>semitrailers</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>truck</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>																		

simpleType **TypeOfRequestCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	base xs:short

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Study</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Request</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Modification</td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		enumeration	1	documentation Study	enumeration	2	documentation Request	enumeration	3	documentation Modification
Kind	Value	Annotation														
minInclusive	1															
enumeration	1	documentation Study														
enumeration	2	documentation Request														
enumeration	3	documentation Modification														
annotation	documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)															
source	<pre><xs:simpleType name="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</xs:documentation> </xs:annotation> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Study</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Request</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Modification</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre>															

simpleType **TypeOfRUHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	base xs:string												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> <tr> <td>enumeration</td> <td>None</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part		enumeration	None	
Kind	Value	Annotation											
enumeration	Full												
enumeration	Part												
enumeration	None												
annotation	documentation Type of RU harmonization: Full, Part, None.												
source	<pre><xs:simpleType name="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"></pre>												

```
<xs:enumeration value="Full"/>
<xs:enumeration value="Part"/>
<xs:enumeration value="None"/>
</xs:restriction>
</xs:simpleType>
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simpleType **UnitType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
properties	base	xs:token	
facets	Kind	Value	Annotation
	enumeration	1	documentation Container
	enumeration	2	documentation Other intermodal traffic
	enumeration	4	documentation Rolling road (RR)
	enumeration	6	documentation Semi-trailer on bogies
	enumeration	10	documentation Container less than 20'
	enumeration	11	documentation Container 20'
	enumeration	12	documentation Container 30'
	enumeration	13	documentation Container 40'
	enumeration	40	documentation Semi-trailer truck/articulated lorry
	enumeration	41	documentation Road tractor
	enumeration	42	documentation Lorry without trailer
	enumeration	43	documentation Lorry with trailer
	enumeration	50	documentation Semi-trailer/road semi-trailer
	enumeration	51	documentation Swap bodies
annotation	documentation	Indicates the type of a Transportation unit.	
source	<pre><xs:simpleType name="UnitType"> <xs:annotation> <xs:documentation>Indicates the type of a Transportation unit.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Other intermodal traffic</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre>		

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<xs:enumeration value="6">
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    <xs:documentation>Semi-trailer on bogies</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Container less than 20'</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Container 20'</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="12">
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  </xs:annotation>
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lorry</xs:documentation>
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</xs:enumeration>
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  </xs:annotation>
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  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
  <xs:annotation>
    <xs:documentation>Semi-trailer/road semi-trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">

```

```

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</xs:simpleType>
    
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attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	0	documentation Not Defined documentation not used
	enumeration	1	documentation Track documentation The track is a uniquely defined part of location
	enumeration	2	documentation Private Siding documentation Tracks are not for open access
	enumeration	3	documentation Border Point Code documentation Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"
	enumeration	4	documentation Sorting Code documentation Destination station of the wagon has a code in order to provide shunting technology.
	enumeration	5	documentation Vehicle Parking Points documentation All points (tracks)
	enumeration	6	documentation Public Loading Places documentation Is a type of physical location on the open access network where consignor or consignee can load or unload wagons
	enumeration	7	documentation Private Loading Places documentation Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons
	enumeration	8	documentation IM Path Tariff Point documentation Price Segment change between two IM Networks.
	enumeration	9	documentation Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock.
	enumeration	10	documentation Switch/turnout documentation

	enumeration	11	The location where two tracks meet or diverge. documentation Grade Crossing documentation
	enumeration	12	The location where two tracks on the same level cross each other. documentation Section of the track documentation Section is inside of the location considered part of a track.
	enumeration	13	documentation Twin track point documentation
	enumeration	14	The spot where is end or start of the twinned track section. documentation Retarder (rail brake) documentation Trackside equipment to control the speed of the wagons running from the shunting hump.
	enumeration	15	documentation Platform documentation The area next to the track which has been raised to make access to railway vehicles easier.
	enumeration	16	documentation Railing documentation barrier Safety equipment used to prevent access to the track by people and animals.
	enumeration	17	documentation Movable scotch block documentation Safety equipment across the track avoiding any unnecessary moving beyond that point.
	enumeration	18	documentation Derailing stop / Trap points / Catch points documentation Safety equipment is on one rail avoiding any unnecessary moving beyond that point.
	enumeration	19	documentation Loading equipment documentation Special equipment to facilitate the loading and unloading on the Public Loading Places.
	enumeration	20	documentation Weighbridge documentation Special equipment is to facilitate the measure of the weight of the wagon.
	enumeration	21	documentation Building documentation Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.
	enumeration	22	documentation Level crossing documentation Place where rail and road crossing in level. on the same level (grade)
	enumeration	23	documentation Bridge documentation Special built structure is over the road
	enumeration	24	documentation Tunnel documentation Structure to to allow a railway line to pass under the surface.
	enumeration	25	documentation Underpass documentation

	enumeration	26	Undercrossing or underground passage under the railway track. (Not used by trains) documentation
			Block section documentation
			Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.
	enumeration	27	documentation
			Signal documentation
			A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers.
	enumeration	28	documentation
			Sign and board documentation
			Equipment to inform the board staff for train traffic and shunting.
	enumeration	29	documentation
			Phase break documentation
			Border of the power supply systems (catenary).
	enumeration	30	documentation
			Leap in kilometer documentation
			The section has deviation in length i. e. the section more or less than called.
	enumeration	32	documentation
			Balise documentation
			A balise is an electronic beacon or transponder placed between the rails of a railway as part of an Automatic Train Protection (ATP) system.
	enumeration	33	documentation
			Hot spot detector documentation
			Trackside equipment which detects hot wheels or axle-box on passing trains.
	enumeration	34	documentation
			Flat wheel detector documentation
			Trackside equipment which detects flat spots on wheels on passing trains.
	enumeration	35	documentation
			Dynamic wheel load documentation
			detector Special equipment is in trackside for inspect of the overloaded wagons.
	enumeration	36	documentation
			Freight yard documentation
			A freight yard is commercial usage of a physical location which can be used as a sending or a destination station in freight orders of rail freight transports. The freight yard can have his own codification
	enumeration	37	documentation
			Loading point documentation
			A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.
	enumeration	38	documentation
			IM Network link documentation
			It allows to link two locations from different IM Networks
	enumeration	39	documentation
			Reservation code
	enumeration	40	documentation
			Metastation documentation
			To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)
	enumeration	41	documentation

		CompanySpecificIdentifier documentation Company specific identifier of the primary location documentation		
enumeration	42		DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37).	
enumeration	43	documentation		
			Passengers cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train	
enumeration	44	documentation		
			Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train	
enumeration	45	documentation		
			Sewage dump Place for cleaning purposes - disposal of the waste	
enumeration	46	documentation		
			Refuelling Point Location where refuelling takes place	
enumeration	47	documentation		
			Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating	
enumeration	48	documentation		
			Water Supply Location where water supply can be provided for the rolling stock	
enumeration	49	documentation		
			Compressed plant Train on a track with motion stabled with external air supply for braking systems	
enumeration	50	documentation		
			Indoor cleaning platform Cleaning point - interior	
enumeration	51	documentation		
			Car-wash plant Cleaning point -outdoor	
enumeration	52	documentation		
			Short dry-cleaning track Cleaning point	

enumeration	53	documentation		
			Pollution protective plate	Track where floor that avoids pollution of the earth below
enumeration	54	documentation		
			Sand-filling station	Location where sand is filled
enumeration	55	documentation		
			Repair track	Location where a train/wagon/engine can be repaired
enumeration	56	documentation		
			Signal box	The location of a building containing signalling equipment
enumeration	57	documentation		
		documentation	Intermodal Terminal	Intermodal Terminal is a location which provides the space, equipment and operational environment under which the transfer of loading units (freight containers, swap bodies, semi-trailers or trailers) takes place
enumeration	58	documentation		
		documentation	OSJD system based location	Location code used within OSJD
enumeration	59	documentation		
		documentation	Train Service Substitute Stop	Place outside of railway station or railway stop, where passengers board or leave bus or any other transport mean as substitution of train service. Physical part of Primary Location.
enumeration	60	documentation		
		documentation	Multifunctional rail terminal	Facilities for conventional and/or intermodal rail/road transshipment principally open for public use and for all types of cargo. This kind of facility does not only provide transshipment, but also additional services like storage, consignment or road pre/end haulage. Physical part of Primary Location.
enumeration	61	documentation		
		documentation	Relief facility	Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.
enumeration	66	documentation		
		documentation	Location ENEE Code	Legacy ENEE code of the parent primary location. Different coding of primary location.
enumeration	70	documentation		
		documentation	Network Border	Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.
enumeration	71	documentation		
		documentation	State border	Political border between two member states. Attribute of primary location.
enumeration	72	documentation		

	<p>Administrative border documentation Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location.</p> <p>enumeration 74 documentation Operational handover documentation Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location.</p> <p>enumeration 75 documentation Planning handover documentation Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location.</p> <p>enumeration 76 documentation Other technical facility documentation All technical installations and services that are not included in other facility types. E.g. Pre heating, de icing, air conditioning, Washing/cleaning of rolling stock, Disinfection of rolling stock, Sewage removal and Stationary brake test facilities. Physical part of Primary Location.</p> <p>enumeration 90 documentation Test Loc</p> <p>enumeration 99 documentation Relation to Station documentation An indicator used to show that this location is a subsidiary of another location.</p>
source	<pre> <xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Defined</xs:documentation> <xs:documentation>not used</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Track</xs:documentation> <xs:documentation>The track is a uniquely defined part of location</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Private Siding</xs:documentation> <xs:documentation>Tracks are not for open access</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Border Point Code</xs:documentation> <xs:documentation>Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"</xs:documentation> </pre>

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</xs:enumeration>
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    <xs:documentation>Vehicle Parking Points</xs:documentation>
    <xs:documentation>All points (tracks)</xs:documentation>
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access network where consignor or consignee can load or unload
wagons</xs:documentation>
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access network where consignor or consignee can load or unload
wagons</xs:documentation>
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    <xs:documentation>Price Segment change between two IM
Networks.</xs:documentation>
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<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Depot / Maintenance workshop.
Place for overhaul or maintenance of the rolling stock.

</xs:documentation>
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diverge.</xs:documentation>
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cross each other.</xs:documentation>

```

```

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  <xs:annotation>
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part of a track.</xs:documentation>
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    <xs:documentation>The spot where is end or start of the twinned
track section.</xs:documentation>
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wagons running from the shunting hump.</xs:documentation>
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</xs:enumeration>
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to make access to railway vehicles easier.</xs:documentation>
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    <xs:documentation>barrier Safety equipment used to prevent access
to the track by people and animals.</xs:documentation>
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    <xs:documentation>Movable scotch block</xs:documentation>
    <xs:documentation>Safety equipment across the track avoiding any
unnecessary moving beyond that point.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
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    <xs:documentation>Derailing stop / Trap points / Catch
points</xs:documentation>
    <xs:documentation>Safety equipment is on one rail avoiding any
unnecessary moving beyond that point.</xs:documentation>
  </xs:annotation>
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    <xs:documentation>Special equipment to facilitate the loading and
unloading on the Public Loading Places.</xs:documentation>
  </xs:annotation>

```

```

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  <xs:annotation>
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    <xs:documentation>Special equipment is to facilitate the measure
of the weight of the wagon.</xs:documentation>
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    <xs:documentation>Building</xs:documentation>
    <xs:documentation>Those buildings where IM placed his staff for
direct communication with RU staff or the IM buildings serve RU activities
as well.</xs:documentation>
  </xs:annotation>
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    <xs:documentation>Level crossing</xs:documentation>
    <xs:documentation>Place where rail and road crossing in level. on
the same level (grade)</xs:documentation>
  </xs:annotation>
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    <xs:documentation>Special built structure is over the
road</xs:documentation>
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    <xs:documentation>Structure to to allow a railway line to pass
under the surface.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Underpass</xs:documentation>
    <xs:documentation>Undercrossing or underground passage under the
railway track. (Not used by trains)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>Block section outside of the location with
primary code. In other words: a section on the open track between stations
defined by signalling system.</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="27">
  <xs:annotation>
    <xs:documentation>Signal</xs:documentation>
    <xs:documentation>A signal is a mechanical or electrical device
erected beside a railway line to pass information relating to the state of
the line ahead to train drivers/engineers.</xs:documentation>

```

```

</xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Sign and board</xs:documentation>
    <xs:documentation>Equipment to inform the board staff for train
traffic and shunting.</xs:documentation>
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</xs:enumeration>
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    <xs:documentation>Phase break</xs:documentation>
    <xs:documentation>Border of the power supply systems
(catenary).</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
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    <xs:documentation>Leap in kilometer</xs:documentation>
    <xs:documentation>The section has deviation in length i. e. the
section more or less than called.</xs:documentation>
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placed between the rails of a railway as part of an Automatic Train
Protection (ATP) system.</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="33">
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axle-box on passing trains.</xs:documentation>
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<xs:enumeration value="34">
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    <xs:documentation>Flat wheel detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects flat spots on
wheels on passing trains.</xs:documentation>
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</xs:enumeration>
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    <xs:documentation>detector Special equipment is in trackside for
inspect of the overloaded wagons.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="36">
  <xs:annotation>
    <xs:documentation>Freight yard</xs:documentation>
    <xs:documentation>A freight yard is commercial usage of a physical
location which can be used as a sending or a destination station in freight
orders of rail freight transports. The freight yard can have his own

```

```

codification</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>Loading point</xs:documentation>
    <xs:documentation>A loading point is a commercial usage of a
physical location. Each loading point is assigned to a
yard.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="38">
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    <xs:documentation>IM Network link</xs:documentation>
    <xs:documentation>It allows to link two locations from different
IM Networks</xs:documentation>
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<xs:enumeration value="39">
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between different stations that are considered as equal (for the
traveller)</xs:documentation>
  </xs:annotation>
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location</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
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    <xs:documentation>
      DIUM stations - Places of acceptance/delivery
      Station open into international traffic of goods (tariff point
included in DIUM) - consignment acceptance/delivery station (loading points
are excluded and covered by TypeCode 37).
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
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    <xs:documentation>
      Passengers cars public loading Is a type of
physical location on the open access network where passengers can put their
car on a carrying train
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

<xs:enumeration value="44">
  <xs:annotation>
    <xs:documentation>
      Passengers cars private loading Is a type of
physical location outside the open access network where passengers can put
their car on a carrying train
    </xs:documentation>
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</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
    <xs:documentation>
      Sewage dump Place for cleaning purposes -
disposal of the waste
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
  <xs:annotation>
    <xs:documentation>
      Refuelling Point Location where refuelling
takes place
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="47">
  <xs:annotation>
    <xs:documentation>
      Mains Supply Location where energy supply can be
provided for the rolling stock e.g. preheating
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="48">
  <xs:annotation>
    <xs:documentation>
      Water Supply Location where water supply can be
provided for the rolling stock
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="49">
  <xs:annotation>
    <xs:documentation>
      Compressed plant Train on a track with motion
stabled with external air supply for braking systems
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
  <xs:annotation>
    <xs:documentation>
      Indoor cleaning platform Cleaning point -interior
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">
  <xs:annotation>

```

```

        <xs:documentation>
            Car-wash plant      Cleaning point -outdoor
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
    <xs:annotation>
        <xs:documentation>
            Short dry-cleaning track  Cleaning point
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">
    <xs:annotation>
        <xs:documentation>
            Pollution protective plateTrack where floor that
            avoids pollution of the earth below
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="54">
    <xs:annotation>
        <xs:documentation>
            Sand-filling station      Location where sand is
            filled
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="55">
    <xs:annotation>
        <xs:documentation>
            Repair track Location where a train/wagon/engine
            can be repaired
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="56">
    <xs:annotation>
        <xs:documentation>
            Signal box  The location of a building containing
            signalling equipment
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</xs:enumeration>
<xs:enumeration value="57">
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        <xs:documentation> Intermodal Terminal is a location which
        provides the space, equipment and operational environment under which the
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    </xs:annotation>
</xs:enumeration>
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        OSJD</xs:documentation>
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```

</xs:annotation>
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stop, where passengers board or leave bus or any other transport mean as
substitution of train service. Physical part of Primary
Location.</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="60">
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    <xs:documentation>Multifunctional rail terminal</xs:documentation>
    <xs:documentation>Facilities for conventional and/or intermodal
rail/road transshipment principally open for public use and for all types of
cargo. This kind of facility does not only provide transshipment, but also
additional services like storage, consignment or road pre/end haulage.
Physical part of Primary Location.</xs:documentation>
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<xs:enumeration value="61">
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    <xs:documentation>Facilities providing equipment and
infrastructure used to overcome a disruption (derailment, collision or other
accidents). Physical part of Primary Location.</xs:documentation>
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Different coding of primary location.</xs:documentation>
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first or last Primary Location on a network. Attribute of primary
location.</xs:documentation>
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    <xs:documentation>Political border between two member states.
Attribute of primary location.</xs:documentation>
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federal structures or administrative districts or local areas. Attribute of
primary location.</xs:documentation>
  </xs:annotation>

```

```

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changes or can change between two involved IMs. Attribute of primary
location.</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="75">
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    <xs:documentation>Location where the responsibility for timetable
planning and path allocation changes or can change between two involved IMs.
Attribute of primary location.</xs:documentation>
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<xs:enumeration value="76">
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are not included in other facility types. E.g. Pre heating, de icing, air
conditioning, Washing/cleaning of rolling stock, Disinfection of rolling
stock, Sewage removal and Stationary brake test facilities. Physical part of
Primary Location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
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  <xs:annotation>
    <xs:documentation>Relation to Station</xs:documentation>
    <xs:documentation>An indicator used to show that this location is
a subsidiary of another location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:attribute>

```

attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	PLA	documentation Public Location Arrival
	enumeration	PLD	documentation Public Location Departure
	enumeration	ELA	documentation Earliest Location Arrival
	enumeration	ELD	documentation

	<p>enumeration LLA Earliest Location Departure documentation Latest Location Arrival</p> <p>enumeration LLD Latest Location Arrival documentation Latest Location Departure</p> <p>enumeration ALA Actual Location Arival documentation Actual Location Departure</p> <p>enumeration ALD Actual Location Departure documentation Earliest Run Through</p> <p>enumeration ERT Earliest Run Through documentation Actual Run Through</p> <p>enumeration ART Actual Run Through documentation Latest Run Through</p>
source	<pre> <xs:attribute name="TimingQualifierCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="PLA"> <xs:annotation> <xs:documentation>Public Location Arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PLD"> <xs:annotation> <xs:documentation>Public Location Departure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ELA"> <xs:annotation> <xs:documentation>Earliest Location Arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ELD"> <xs:annotation> <xs:documentation>Earliest Location Departure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="LLA"> <xs:annotation> <xs:documentation>Latest Location Arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="LLD"> <xs:annotation> <xs:documentation>Latest Location Departure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ALA"> <xs:annotation> <xs:documentation>Actual Location Arival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ALD"> <xs:annotation> <xs:documentation>Actual Location Departure</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

```
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="ERT">
  <xs:annotation>
    <xs:documentation>Earliest Run Through</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ART">
  <xs:annotation>
    <xs:documentation>Actual Run Through</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="LRT">
  <xs:annotation>
    <xs:documentation>Latest Run Through</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
```

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