

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
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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

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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.

**1. 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.

**2. 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/3.4>

Elements	Complex types	Simple types	Attributes
<a href="#"><u>ActualEndDateTime</u></a>	<a href="#"><u>CargoCodeType</u></a>	<a href="#"><u>CommunicationRefID</u></a>	<a href="#"><u>CI_InstanceNumber</u></a>
<a href="#"><u>ActualETA</u></a>	<a href="#"><u>CompositeIdentifierOperationalType</u></a>	<a href="#"><u>CompanyCode</u></a>	
<a href="#"><u>ActualETI</u></a>	<a href="#"><u>CompositeIdentifierPlannedType</u></a>	<a href="#"><u>CountryIdentISO</u></a>	
<a href="#"><u>AdditionalInstruction</u></a>	<a href="#"><u>ConsignmentIdent</u></a>	<a href="#"><u>CurrencyCode Type</u></a>	
<a href="#"><u>Address</u></a>	<a href="#"><u>CustomerCode</u></a>	<a href="#"><u>DeltaTime</u></a>	
<a href="#"><u>AdministrativeContactInformation</u></a>	<a href="#"><u>DanGoodsType</u></a>	<a href="#"><u>DerailmentDetectionDevice</u></a>	
<a href="#"><u>AffectedLocation</u></a>	<a href="#"><u>DimensionValue</u></a>	<a href="#"><u>EquipmentNumberType</u></a>	
<a href="#"><u>AffectedSection</u></a>	<a href="#"><u>IntermodalTransportDataType</u></a>	<a href="#"><u>EquipmentTypeType</u></a>	

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

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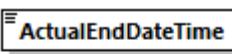
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### element **ActualEndDateTime**

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
annotation	<p>documentation</p> <p>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</p>
source	<pre>&lt;xs:element name="ActualEndDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

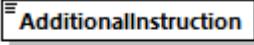
element **ActualETA**

diagram	 <b>ActualETA</b>  Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">AlertMessage</a>
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>&lt;xs:element name="ActualETA" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ActualETI**

diagram	 <b>ActualETI</b>  Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">WagonDeviationMessage</a>
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<pre>&lt;xs:element name="ActualETI" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **AdditionalInstruction**

diagram	 <b>AdditionalInstruction</b>  Additional instructions regarding the wagon or shipment in free text
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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Additional instructions regarding the wagon or shipment in free text
source	<pre>&lt;xs:element name="AdditionalInstruction" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional instructions regarding the wagon or shipment in free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element Address**

diagram	 <b>Address</b> Generic postal address in clear text
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>
properties	content simple
used by	element <a href="#">AdministrativeContactInformation</a>
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic postal address in clear text
source	<pre>&lt;xs:element name="Address" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic postal address in clear text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **AdministrativeContactInformation**

diagram	<pre> classDiagram     class AdminContact {         &lt;&lt;Used to define administrative contact information&gt;&gt;     }     AdminContact "1" --&gt; "0..1" Name     AdminContact "1" --&gt; "0..1" Address     AdminContact "1" --&gt; "0..1" eMail     AdminContact "1" --&gt; "0..1" PhoneNumber     AdminContact "1" --&gt; "0..1" FaxNumber     AdminContact "1" --&gt; "0..1" FreeTextField     note over AdminContact: &lt;&lt;Used to define administrative contact information&gt;&gt;     note over Name: Generic Name in Free Text     note over Address: Generic postal address in clear text     note over eMail: Generic eMail address in Free text     note over PhoneNumber: Generic Phone number in Free text     note over FaxNumber: Generic Fax number in Free text     note over FreeTextField: Free Text   </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">Name</a> <a href="#">Address</a> <a href="#">eMail</a> <a href="#">PhoneNumber</a> <a href="#">FaxNumber</a> <a href="#">FreeTextField</a>
used by	elements <a href="#">Customers</a> <a href="#">ErrorMessage</a> <a href="#">LoadingFacility</a> <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a>
annotation	documentation Used to define administrative contact information
source	<pre> &lt;xsd:element name="AdministrativeContactInformation"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Used to define administrative contact information&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="Name"/&gt;       &lt;xsd:element ref="Address" minOccurs="0"/&gt;       &lt;xsd:element ref="eMail" minOccurs="0"/&gt;       &lt;xsd:element ref="PhoneNumber" minOccurs="0"/&gt;       &lt;xsd:element ref="FaxNumber" minOccurs="0"/&gt;       &lt;xsd:element ref="FreeTextField" minOccurs="0"/&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **AffectedLocation**

diagram	<pre> sequenceDiagram     participant AF as AffectedLocation     participant L as Location     participant LD as LocationDateTime     participant OTNI as OperationalTrainNumberIdentifier     AF-&gt;&gt;L:      activate L     AF-&gt;&gt;LD:      activate LD     AF--&gt;&gt;OTNI:      deactivate LD     deactivate OTNI   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">LocationDateTime</a> <a href="#">OperationalTrainNumberIdentifier</a>
used by	<a href="#">ReceiptConfirmationMessage</a>
annotation	documentation Affected location
source	<pre> &lt;xs:element name="AffectedLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Affected location &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="LocationDateTime"/&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **AffectedSection**

diagram	<pre> sequenceDiagram     participant AS as AffectedSection     participant SOS as StartOfSection     participant EOS as EndOfSection     participant OTNI as OperationalTrainNumberIdentifier     participant PC as PlannedCalendar     participant NSP as NetworkSpecificParameter     AS-&gt;&gt;SOS:      activate SOS     AS-&gt;&gt;EOS:      activate EOS     AS--&gt;&gt;OTNI:      deactivate EOS     AS--&gt;&gt;PC:      deactivate OTNI     AS--&gt;&gt;NSP:      deactivate PC     deactivate NSP   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">StartOfSection</a> <a href="#">EndOfSection</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">PlannedCalendar</a> <a href="#">NetworkSpecificParameter</a>
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">ReceiptConfirmationMessage</a>
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> &lt;xs:element name="AffectedSection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="StartOfSection"&gt;         &lt;xs:complexType&gt;           &lt;xs:complexContent&gt;             &lt;xs:extension base="LocationIdent"&gt;               &lt;xs:sequence minOccurs="0"&gt;                 &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;                 &lt;xs:element ref="BookedLocationTime" minOccurs="0"/&gt;               &lt;/xs:sequence&gt;             &lt;/xs:extension&gt;           &lt;/xs:complexContent&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="EndOfSection"&gt;         &lt;xs:complexType&gt;           &lt;xs:complexContent&gt;             &lt;xs:extension base="LocationIdent"&gt;               &lt;xs:sequence minOccurs="0"&gt;                 &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;                 &lt;xs:element ref="BookedLocationTime" minOccurs="0"/&gt;               &lt;/xs:sequence&gt;             &lt;/xs:extension&gt;           &lt;/xs:complexContent&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/&gt;       &lt;xs:element ref="PlannedCalendar"/&gt;       &lt;xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **AffectedSection/StartOfSection**

diagram	<pre> classDiagram     class StartOfSection     class LocationIdent {         &lt;&lt;extension&gt;&gt;         &lt;&lt;CountryCodeISO&gt;&gt;         &lt;&lt;LocationPrimaryCode&gt;&gt;         &lt;&lt;PrimaryLocationName&gt;&gt;         &lt;&lt;LocationSubsidiaryIdentification&gt;&gt;         &lt;&lt;BookedLocationDateTime&gt;&gt;         &lt;&lt;BookedLocationTime&gt;&gt;     }     StartOfSection --&gt; LocationIdent     CountryCodeISO "Identifies a County or State by code (ISO 3166-1)"     LocationPrimaryCode "Location Name in an official language of the Country using the ISO Unicode alphabet"     PrimaryLocationName "Location Name in an official language of the Country using the ISO Unicode alphabet"     LocationSubsidiaryIdentification "Code, Name and allocation company of Subsidiary Location"     BookedLocationDateTime "Scheduled Date and Time of a train at a specified location as defined in the path contract"     BookedLocationTime "Scheduled Date and Time of a train at a specified location as defined in the path contract"   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a> <a href="#">BookedLocationTime</a>
source	<pre> &lt;xsd:element name="StartOfSection"&gt;   &lt;xsd:complexType&gt;     &lt;xsd:complexContent&gt;       &lt;xsd:extension base="LocationIdent"&gt;         &lt;xsd:sequence minOccurs="0"&gt;           &lt;xsd:element ref="BookedLocationDateTime" minOccurs="0"/&gt;           &lt;xsd:element ref="BookedLocationTime" minOccurs="0"/&gt;         &lt;/xsd:sequence&gt;       &lt;/xsd:extension&gt;     &lt;/xsd:complexContent&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **AffectedSection/EndOfSection**

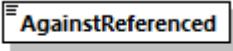
diagram	<pre> classDiagram     class EndOfSection     class LocationIdent {         &lt;&lt;extension&gt;&gt;         class CountryCodeISO {             Identifies a County or State by code (ISO 3166-1)         }         class LocationPrimaryCode         class PrimaryLocationName {             Location Name in an officiation language of the Country using the ISO Unicode alphabet         }         class LocationSubsidiaryIdentification {             Code, Name and allocation company of Subsidiary Location         }     }     class BookedLocation {         &lt;&lt;BookedLocation&gt;&gt;         class BookedLocationDateTime {             Scheduled Date and Time of a train at a specified location as defined in the path contract         }         class BookedLocationTime     }     EndOfSection --&gt; LocationIdent     LocationIdent --&gt; CountryCodeISO     LocationIdent --&gt; LocationPrimaryCode     LocationIdent --&gt; PrimaryLocationName     LocationIdent --&gt; LocationSubsidiaryIdentification     LocationIdent --&gt; BookedLocation     BookedLocation --&gt; BookedLocationDateTime     BookedLocation --&gt; BookedLocationTime   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a> <a href="#">BookedLocationTime</a>
source	<pre> &lt;xsd:element name="EndOfSection"&gt;   &lt;xsd:complexType&gt;     &lt;xsd:complexContent&gt;       &lt;xsd:extension base="LocationIdent"&gt;         &lt;xsd:sequence minOccurs="0"&gt;           &lt;xsd:element ref="BookedLocationDateTime" minOccurs="0"/&gt;           &lt;xsd:element ref="BookedLocationTime" minOccurs="0"/&gt;         &lt;/xsd:sequence&gt;       &lt;/xsd:extension&gt;     &lt;/xsd:complexContent&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **AgainstBooked**

diagram	<pre> classDiagram     class AgainstBooked {         &lt;&lt;Identifies the Delta delay time against the booked schedule in minutes&gt;&gt;     }   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">DeltaTime</a>

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

**element AgainstReferenced**

diagram	 <p>Delay compared to the referenced Date/Time</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">DeltaTime</a>
properties	content simple
used by	element <a href="#">TrainDelay</a>
facets	Kind Value Annotation length 5
annotation	documentation Delay compared to the referenced Date/Time
source	<pre>&lt;xs:element name="AgainstReferenced" type="DeltaTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Delay compared to the referenced Date/Time&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element AgreedTimeOfDelivery**

diagram	 <p>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer...</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:dateTime</a>
properties	content simple
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM_WIMO Dataset/ConsignmentLevelData</a>
annotation	documentation The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings

source	<pre>&lt;xs:element name="AgreedTimeOfDelivery" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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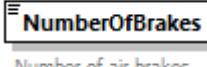
element **AirBrake**

diagram	<p>The diagram illustrates the <b>AirBrake</b> element and its associated characteristics. The <b>AirBrake</b> class is connected to four other classes via multiplicity "*" (representing many-to-many relationships): <b>NumberOfBrakes</b>, <b>BrakeSystem</b>, <b>AirBrakeType</b>, and <b>BrakingPowerVariationDevice</b>. Additionally, it has a one-to-one relationship with <b>AirBrakedMass</b> and a one-to-many relationship with <b>LoadChangeDevice</b>.</p> <pre> classDiagram     class AirBrake {         * NumberOfBrakes         * BrakeSystem         * AirBrakeType         * BrakingPowerVariationDevice         --&gt;  AirBrakedMass         --&gt;  LoadChangeDevice [0..∞]     }   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">NumberOfBrakes</a> <a href="#">BrakeSystem</a> <a href="#">AirBrakeType</a> <a href="#">BrakingPowerVariationDevice</a> <a href="#">AirBrakedMass</a> <a href="#">LoadChangeDevice</a> <a href="#">BrakeSpecialCharacteristics</a>
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
annotation	documentation Characteristics of Air Brakes

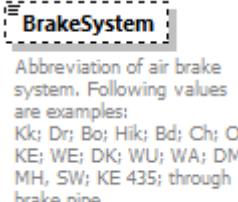
source	<pre> &lt;xs:element name="AirBrake"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Characteristics of Air Brakes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NumberOfBrakes" type="Numeric2-2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of air brakes&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="BrakeSystem" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="256"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="AirBrakeType"/&gt;       &lt;xs:element ref="BrakingPowerVariationDevice"/&gt;       &lt;xs:element ref="AirBrakedMass"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; General braked weight for wagon without any variation device or braked weight in position "empty" for wagons with a variation device or maximum braked weight for wagons with a linear auto continuous braked weight device "0" for wagons without brake system (in tonnes)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Specific weights for change over air brake systems&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="ChangeOverWeight" type="Numeric3-3"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Change over weight of braked weight in tonnes variation device&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="AirBrakedMassLoaded" type="Numeric3-3"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Braked weight in tonnes loaded for change over weight&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>
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	<pre> &lt;/xs:element&gt; &lt;xs:element ref="BrakeSpecialCharacteristics"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **AirBrake/NumberOfBrakes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">Numeric2-2</a>									
properties	content simple									
facets	<table> <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	<p>documentation</p> <p>Number of air brakes</p>									
source	<pre> &lt;xs:element name="NumberOfBrakes" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of air brakes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **AirBrake/BrakeSystem**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of <a href="#">xs:string</a>						
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <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>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	<p>documentation</p> <p>Abbreviation of air brake system. Following values are examples:</p> <p>Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</p>						
source	<pre> &lt;xs:element name="BrakeSystem" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Abbreviation of air brake system. Following values are examples:&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>						

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xsmaxLength value="256"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **AirBrake/LoadChangeDevice**

diagram	<pre> classDiagram     class LoadChangeDevice {         &lt;&lt;Specific weights for change over air brake systems&gt;&gt;     }     class ChangeOverWeight {         &lt;&lt;Change over weight of braked weight in tonnes variation device&gt;&gt;     }     class AirBrakedMassLoaded {         &lt;&lt;Braked weight in tonnes loaded for change over weight&gt;&gt;     }      LoadChangeDevice "0..∞" -- "1" ChangeOverWeight :      LoadChangeDevice "0..∞" -- "1" AirBrakedMassLoaded :         &lt;&lt;Specific weights for change over air brake systems&gt;&gt; </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">ChangeOverWeight</a> <a href="#">AirBrakedMassLoaded</a>
annotation	documentation Specific weights for change over air brake systems
source	<pre> &lt;xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specific weights for change over air brake systems&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ChangeOverWeight" type="Numeric3-3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Change over weight of braked weight in tonnes variation device&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="AirBrakedMassLoaded" type="Numeric3-3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Braked weight in tonnes loaded for change over weight&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

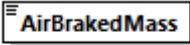
element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram	 Change over weight of braked weight in tonnes variation device
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric3-3</a>
properties	content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Change over weight of braked weight in tonnes variation device
source	<pre>&lt;xs:element name="ChangeOverWeight" type="Numeric3-3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Change over weight of braked weight in tonnes variation device&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram	 Braked weight in tonnes loaded for change over weight
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric3-3</a>
properties	content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Braked weight in tonnes loaded for change over weight
source	<pre>&lt;xs:element name="AirBrakedMassLoaded" type="Numeric3-3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Braked weight in tonnes loaded for change over weight&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">AirBrake</a>									
facets	<table> <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> &lt;xs:element name="AirBrakedMass"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **AlertMessage**

diagram	<pre> classDiagram     class AlertMessage {         &lt;&lt;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&gt;&gt;     }     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class CommitmentETA {         &lt;&lt;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.&gt;&gt;     }     class ActualETA {         &lt;&lt;Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.&gt;&gt;     }     class WagonNumberFreight {         &lt;&lt;Identifies uniquely the freight wagon by its number&gt;&gt;     }      AlertMessage &lt; -- MessageHeader     AlertMessage --&gt; CommitmentETA     AlertMessage --&gt; ActualETA     AlertMessage --&gt; WagonNumberFreight   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">CommitmentETA</a> <a href="#">ActualETA</a> <a href="#">WagonNumberFreight</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xsd:element name="AlertMessage"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;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&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="MessageHeader"/&gt;       &lt;xsd:element ref="CommitmentETA"/&gt;       &lt;xsd:element ref="ActualETA"/&gt;       &lt;xsd:element ref="WagonNumberFreight"/&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **AllocationCompany**

diagram	<pre> classDiagram     class AllocationCompany {         &lt;&lt;Name of company who is responsible for allocation and maintenance of codes&gt;&gt;     }   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CompanyCode</a>

properties	content simple
used by	elements <a href="#">LocationSubsidiaryIdentification</a> <a href="#">LocationSubsidiaryInformation</a>
facets	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>&lt;xs:element name="AllocationCompany" type="CompanyCode"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Name of company who is responsible for allocation and maintenance of codes&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt; &lt;/xs:element&gt;</pre>

**element Altitude**

diagram	<p><b>Altitude</b> Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:integer</b>
properties	content simple
used by	element <a href="#">GeographicCoordinates</a>
annotation	documentation Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m
source	<pre>&lt;xs:element name="Altitude" type="xs:integer"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt; &lt;/xs:element&gt;</pre>

**element ArrivalAtDestination**

diagram	<p><b>ArrivalAtDestination</b> <b>Destination</b> <b>ArrivalTimeAtDestination</b></p> <p>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</p> <p>Destination Location</p> <p>The actual Date and Time of the arrival of wagons by train at its final destination yard</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

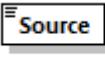
properties	content complex
children	<a href="#">Destination ArrivalTimeAtDestination</a>
used by	element <a href="#">WagonArrivalNoticeMessage</a>
annotation	documentation Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but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

element **ArrivalInterchangeReport**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Source</a> <a href="#">Location</a> <a href="#">ArrivalTimeAtLocation</a> <a href="#">TrainID</a>
used by	element <a href="#">WagonETI ETA Message</a>
annotation	documentation The arrival or interchange station where ETI end
source	<pre>&lt;xs:element name="ArrivalInterchangeReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The arrival or interchange station where ETI end&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Source"&gt;         &lt;xs:annotation&gt;</pre>

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

element **ArrivalInterchangeReport/Source**

diagram	 <p>Source of information</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of <b>xs:string</b>												
properties	content simple												
facets	<table> <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> &lt;xs:element name="Source"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Source of information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="Experienced time of arrival"/&gt;       &lt;xs:enumeration value="Real Time Train Situation"/&gt;       &lt;xs:enumeration value="Estimated time of arrival"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

element **ArrivalTimeAtDestination**

diagram	 <p>The actual Date and Time of the arrival of wagons by train at its final destination yard</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

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

**element ArrivalTimeAtLocation**

diagram	<p>The actual arrival date and time at the defined location</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">ArrivalInterchangeReport</a>
annotation	documentation The actual arrival date and time at the defined location
source	<pre>&lt;xs:element name="ArrivalTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The actual arrival date and time at the defined location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element ArrivalTimeAtLocationActual**

diagram	<p>The actual arrival date and time at the defined location</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">YardArrival</a>
annotation	documentation The actual arrival date and time at the defined location
source	<pre>&lt;xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The actual arrival date and time at the defined location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	</xs:element>
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element **ArrivalTrackAtLocation**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	<p>documentation</p> <p>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>
source	<pre>&lt;xs:element name="ArrivalTrackAtLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **AssociatedAttachedLocationIdent**

diagram	<pre> classDiagram     class AssociatedAttachedLocationIdent     class LocationIdent {         CountryCodeISO         LocationPrimaryCode         PrimaryLocationName         LocationSubsidiaryIdentification     }     AssociatedAttachedLocationIdent --&gt; LocationIdent   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	complexType <a href="#">TrainActivityType</a>
annotation	documentation Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists
source	<pre> &lt;xs:element name="AssociatedAttachedLocationIdent" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Location in the path of train with     AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency     described in TrainActivityTypeCode exists &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>

element **AssociatedAttachedOTN**

diagram	<pre> classDiagram     class AssociatedAttachedOTN   </pre>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">String1-8</a>									
properties	content simple									
used by	complexType <a href="#">TrainActivityType</a>									
facets	<table> <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>8</td> <td></td> </tr> </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>&lt;xs:element name="AssociatedAttachedOTN" type="String1-8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **AssociatedAttachedTimingAtLocation**

diagram	<p>The diagram shows a sequence of three association lines connecting the <b>AssociatedAttachedTimingAtLocation</b> class to the <b>TimingAtLocation</b> class. The first association line connects the two classes. The second association line connects the <b>TimingAtLocation</b> class to itself, indicating a self-referencing relationship. The third association line connects the <b>TimingAtLocation</b> class back to the <b>AssociatedAttachedTimingAtLocation</b> class. There is also a multiplicity '1..∞' at the end of the third association line pointing to the <b>TimingAtLocation</b> class.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TimingAtLocation</a>
used by	complexType <a href="#">TrainActivityType</a>
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>&lt;xs:element name="AssociatedAttachedTimingAtLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TimingAtLocation" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **AssociatedAttachedTrainID**

diagram	<pre> classDiagram     class CompositIdentifierPlannedType {         ObjectType         Company         Core         Variant         TimetableYear         StartDate     }     class AssociatedAttachedTrainID {         &lt;&lt;TrainID of the Associated Train in an Attach Activity&gt;&gt;     }     CompositIdentifierPlannedType "1" -- "1" AssociatedAttachedTrainID     CompositIdentifierPlannedType "1" -- "1" ObjectType     CompositIdentifierPlannedType "1" -- "1" Company     CompositIdentifierPlannedType "1" -- "1" Core     CompositIdentifierPlannedType "1" -- "1" Variant     CompositIdentifierPlannedType "1" -- "1" TimetableYear     CompositIdentifierPlannedType "1" -- "1" StartDate   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CompositIdentifierPlannedType</a>
properties	content complex
children	<a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a>
used by	complexType <a href="#">TrainActivityType</a>
annotation	documentation TrainID of the Associated Train in an Attach Activity
source	<pre> &lt;xs:element name="AssociatedAttachedTrainID" type="CompositIdentifierPlannedType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;TrainID of the Associated Train in an Attach Activity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>

element **AssociatedAttachedTrainServiceNumber**

diagram	 <b>AssociatedAttachedTrainServiceN...</b>  Identifies the associated train service line number for the train activity connecting service
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">String1-8</a>
properties	content simple
used by	complexType <a href="#">TrainActivityType</a>
facets	Kind Value Annotation minLength 1 maxLength 8
annotation	documentation Identifies the associated train service line number for the train activity connecting service
source	<pre>&lt;xs:element name="AssociatedAttachedTrainServiceNumber" type="String1-8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the associated train service line number for the train activity connecting service&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **BitmapDays**

diagram	 <b>BitmapDays</b>  Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:string</a>
properties	content simple
used by	elements <a href="#">PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar</a>
facets	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>&lt;xs:element name="BitmapDays"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xsmaxLength value="740"/&gt;     &lt;xs:whiteSpace value="collapse"/&gt;     &lt;xs:pattern value="[0-1]{1,740}"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **BogiePitch**

diagram	 <p>Bogie Wheelbase measured in mm</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:integer</a>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table> <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</p> <p>Bogie Wheelbase measured in mm</p>									
source	<pre> &lt;xs:element name="BogiePitch"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Bogie Wheelbase measured in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **BogieWagonsOnly**

diagram	 <p>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).</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
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>&lt;xs:element name="BogieWagonsOnly" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element BookedLocationDateTime**

diagram	<p>The diagram shows a rectangular box with a double-line border. Inside, the text 'BookedLocationDateTime' is written in a bold, black, sans-serif font.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">DelayEventReport</a> <a href="#">AffectedSection/EndOfSection</a> <a href="#">InterruptionPoint</a> <a href="#">JourneySectionDestination</a> <a href="#">JourneySectionOrigin</a> <a href="#">LocationModified</a> <a href="#">AffectedSection/StartOfSection</a> <a href="#">TimingAtLocation/Timing</a> <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a>
annotation	documentation Scheduled Date and Time of a train at a specified location as defined in the path contract
source	<pre>&lt;xs:element name="BookedLocationDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Scheduled Date and Time of a train at a specified location as defined in the path contract&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element BookedLocationTime**

diagram	<p>The diagram shows a rectangular box with a double-line border. Inside, the text 'BookedLocationTime' is written in a bold, black, sans-serif font.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:time</b>
properties	content simple
used by	elements <a href="#">AffectedSection/EndOfSection</a> <a href="#">AffectedSection/StartOfSection</a>
source	<pre>&lt;xs:element name="BookedLocationTime" type="xs:time"/&gt;</pre>

element **BrakeWeight**

diagram	 <b>BrakeWeight</b> Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a> <a href="#">WagonOperationalData</a>									
facets	<table> <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> &lt;xs:element name="BrakeWeight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **BrakingRatio**

diagram	 <b>BrakingRatio</b> Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>									
facets	<table> <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> &lt;xs:element name="BrakingRatio"&gt;   &lt;xs:annotation&gt; </pre>									

	<pre> &lt;xs:documentation&gt;Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:maxInclusive value="999"/&gt;     &lt;xs:minInclusive value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **CarrierStatus**

diagram	<p><b>CarrierStatus</b></p> <p>Status of the carrier during the transport</p> <ul style="list-style-type: none"> <li>0 Contractual carrier / Lead carrier</li> <li>1 Successive carrier</li> <li>2 Substitute carrier</li> <li>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)</li> </ul>															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:token</b>															
properties	content simple															
used by	element <a href="#"><b>ConsignmentOrderMessage/COMS/COM/Carriers</b></a>															
facets	<table> <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	<p>documentation</p> <p>Status of the carrier during the transport</p> <ul style="list-style-type: none"> <li>0 Contractual carrier / Lead carrier</li> <li>1 Successive carrier</li> <li>2 Substitute carrier</li> <li>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)</li> </ul>															
source	<pre> &lt;xs:element name="CarrierStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Status of the carrier during the transport&lt;/xs:documentation&gt;     0 Contractual carrier / Lead carrier     1 Successive carrier     2 Substitute carrier   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>															

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>

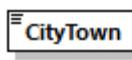
```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>0: Contractual carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>1: 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**

diagram	<pre> classDiagram     class ChangeofTrackMessage {         &lt;&lt;This message is issued to show that the train is arriving at another platform to the one that was scheduled&gt;&gt;     }     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class MessageStatus {         &lt;&lt;Assigned by the Sender&lt;br/&gt;1=Creation, 2=Modification,&lt;br/&gt;3=deletion&gt;&gt;     }     class TrainOperationalIdentification {         &lt;&lt;+&gt;&gt;     }     class OperationalTrainNumberIdentifier {         &lt;&lt;+&gt;&gt;     }     class ReferenceOTN {         &lt;&lt;+&gt;&gt;     }     class LocationPlannedTrack {         &lt;&lt;+&gt;&gt;     }     class LocationActualTrack {         &lt;&lt;+&gt;&gt;     }     class BookedLocationDateTime {         &lt;&lt;+&gt;&gt;         &lt;&lt;Scheduled Date and Time of a train at a specified location as defined in the path contract&gt;&gt;     }     class TrainLocationStatus {         &lt;&lt;+&gt;&gt;         &lt;&lt;Identifies the status of a train related to the actual time at a reporting point&gt;&gt;     }     class InterruptionReason {         &lt;&lt;+&gt;&gt;         &lt;&lt;This element identifies the reason for an interruption of the train running&gt;&gt;     }     class InterruptionDescription {         &lt;&lt;+&gt;&gt;         &lt;&lt;0..&gt;&gt;         &lt;&lt;The free text description of an interruption&gt;&gt;     }     class TransferPoint {         &lt;&lt;+&gt;&gt;         &lt;&lt;Transfer point or station of destination in the considered network where the Reference Train Numbers refers to&gt;&gt;     }     class TransfereeIM {         &lt;&lt;+&gt;&gt;         &lt;&lt;Next IM&gt;&gt;     }      ChangeofTrackMessage "1" -- "0..1" MessageHeader     ChangeofTrackMessage "1" -- "0..1" MessageStatus     ChangeofTrackMessage "*" -- "1..1" TrainOperationalIdentification     ChangeofTrackMessage "*" -- "1..1" OperationalTrainNumberIdentifier     ChangeofTrackMessage "*" -- "1..1" ReferenceOTN     ChangeofTrackMessage "*" -- "1..1" LocationPlannedTrack     ChangeofTrackMessage "*" -- "1..1" LocationActualTrack     ChangeofTrackMessage "*" -- "1..1" BookedLocationDateTime     ChangeofTrackMessage "*" -- "1..1" TrainLocationStatus     ChangeofTrackMessage "*" -- "1..1" InterruptionReason     ChangeofTrackMessage "*" -- "1..1" InterruptionDescription     ChangeofTrackMessage "*" -- "1..1" TransferPoint     ChangeofTrackMessage "*" -- "1..1" TransfereeIM   </pre> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">LocationPlannedTrack</a> <a href="#">LocationActualTrack</a> <a href="#">BookedLocationDateTime</a> <a href="#">TrainLocationStatus</a> <a href="#">InterruptionReason</a> <a href="#">InterruptionDescription</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a>
annotation	<p>documentation</p> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p>

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

element **CityTown**

diagram	 <p>Name of the City or Town in Clear Text</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
facets	<table> <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 Name of the City or Town in Clear Text
source	<pre>&lt;xs:element name="CityTown"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of the City or Town in Clear Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="35"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element ClosingTime**

diagram	<p>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">VesselIndication</a>
annotation	documentation The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
source	<pre>&lt;xs:element name="ClosingTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element Coasting**

diagram	<p>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.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple

used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	<p>documentation</p> <p>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.</p>
source	<pre>&lt;xs:element name="Coasting" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Comments**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	elements <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a>									
facets	<table> <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>&lt;xs:element name="Comments" type="FreeText"/&gt;</pre>									

element **CommitmentETA**

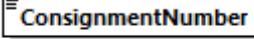
diagram	
	Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:dateTime</a>
properties	content simple
used by	element <a href="#">AlertMessage</a>
annotation	<p>documentation</p> <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>
source	<pre>&lt;xs:element name="CommitmentETA" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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>

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

**element Company**

diagram	 <b>Company</b> Identifies a railway company (RU or IM)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><b>CompanyCode</b></a>
properties	content simple
used by	complexTypes <a href="#"><b>CompositIdentifierOperationalType CompositIdentifierPlannedType</b></a>
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Identifies a railway company (RU or IM)
source	<xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element>

**element ConsignmentNumber**

diagram	 <b>ConsignmentNumber</b> Reference number assigned to a consignment by a lead RU
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><b>ConsignmentIdent</b></a>
properties	content complex
used by	element <a href="#"><b>WIMO Dataset/ConsignmentLevelData</b></a>
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<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>

element **ConsignmentOrderMessage**

diagram	<p>Consignment Order Message from Lead RU to RU</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">COMS</a>
annotation	<p>documentation</p> <p>Consignment Order Message from Lead RU to RU</p>
source	<pre> &lt;xs:element name="ConsignmentOrderMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignment Order Message from Lead RU to RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element name="COMS" maxOccurs="50"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Message (all bounded optional elements are bounded to obligations of legacy systems)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="COM_Header"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:complexType&gt;                 &lt;xs:sequence&gt;                   &lt;xs:element name="SendingRU" type="CompanyCode"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:element&gt;                   &lt;xs:element name="ReceivingRU" type="CompanyCode"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:element&gt;                   &lt;xs:element name="MessageReferenceNumber" minOccurs="0"&gt;                     &lt;xs:annotation&gt; </pre>

Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.

```

<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"/>
        <xsmaxLength value="18">
            <xs:annotation>
                <xs:documentation>Use here a counter, any
system.</xs:documentation>
            </xs:annotation>
        </xsmaxLength>
    </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: RRRRYYYYMMDDNNNNNN 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: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: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</xs:documentation>
                  </xs:annotation>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

```

consists of NNNNN = running number C = check digit, </xs:documentation>
    </xs:annotation>
    <xssimpleType>
        <xs:restriction base="xs:string">
            <xs:length value="6"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
    </xssimpleType>
</xs:element>
<xs:element name="ForwardingTrainNumber"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Train number at shipping
    </xs:documentation>
    </xs:annotation>
    <xssimpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
        </xs:restriction>
    </xssimpleType>
</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>
    <xssimpleType>
        <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
        </xs:sequence>
    </xssimpleType>
</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: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 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"/>
    <xsmaxLength 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>
            <xsmaxLength 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>
            <xsmaxLength 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: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:element>
                                        </xs:choice>
                                    </xs:complexType>
                                </xs:element>
                            </xs:sequence>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
<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 whether 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:element>
                            </xs:sequence>
                        </xs:complexType>
                    </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"/>
            <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" minOccurs="0">
  <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 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:sequence>
                </xs:complexType>
            </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">
                        <xs: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>

```

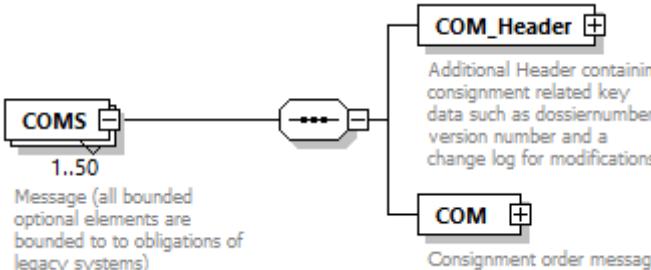
```
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Exchange rate for
amounts to be paid by the consignor or consignee which are not expressed in
the invoicing currency.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction 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:choice>
        <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: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:sequence>
                  <xs:complexType>
                    <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
                      <xs:annotation>
                        <xs:documentation/>
                        <xs:documentation>Sum of
                      </xs:annotation>
                      <xs:documentation>Sum of
                    </xs:element>
                    <xs:element name="Prepaid">
                      <xs:annotation>
                        <xs:documentation>Sum of
                      </xs:annotation>
                      <xs:documentation>Sum of
                    </xs:element>
                    <xs:element name="Transferred">
                      <xs:annotation>
                        <xs:documentation>Sum of
                      </xs:annotation>
                      <xs:documentation>Sum of
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
                <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:sequence>
      </xs:complexType>
    </xs:element>
  </xs:choice>
  <xs:element name="Prepaid">
    <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>

```

```
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	 <p>1..50 Message (all bounded optional elements are bounded to obligations of legacy systems)</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 1 maxOcc 50 content complex
children	<a href="#">COM Header</a> <a href="#">COM</a>
annotation	<p>documentation</p> <p>Message (all bounded optional elements are bounded to obligations of legacy systems)</p>
source	<pre>&lt;xs:element name="COMS" maxOccurs="50"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message (all bounded optional elements are bounded to obligations of legacy systems)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="COM_Header"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;xs:complexType&gt;         &lt;xs:sequence&gt;           &lt;xs:element name="SendingRU" type="CompanyCode"&gt;             &lt;xs:annotation&gt;               &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;           &lt;/xs:element&gt;           &lt;xs:element name="ReceivingRU" type="CompanyCode"&gt;             &lt;xs:annotation&gt;               &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;           &lt;/xs:element&gt;           &lt;xs:element name="MessageReferenceNumber" minOccurs="0"&gt;             &lt;xs:annotation&gt;               &lt;xs:documentation&gt;Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:minLength value="1"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:element&gt;         &lt;/xs:sequence&gt;       &lt;/xs:complexType&gt;     &lt;/xs:sequence&gt;   &lt;/xs:element&gt;</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: RRRYYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY =
year, MM = month, DD = day and NNNNNNNN = 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: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>
```

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

```
</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: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>
                    </xs:sequence>
                </xs:complexType>
            </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 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"/>
        <xsmaxLength 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"/>
        <xsmaxLength 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"/>
        <xsmaxLength 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"/>
        <xsmaxLength 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"/>
        <xsmaxLength 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" minOccurs="0">
    <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].

```

	<p>As appropriate, area in m<sup>2</sup> or the volume of the wagon or goods in m<sup>3</sup> if used as the basis for charging.</p> <pre> &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="value"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:decimal"&gt;           &lt;xs:minInclusive value="1"/&gt;           &lt;xs:totalDigits value="8"/&gt;           &lt;xs:fractionDigits value="1"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="measure" minOccurs="0"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:token"&gt;           &lt;xs:enumeration value="kg"/&gt;           &lt;xs:enumeration value="m2"/&gt;           &lt;xs:enumeration value="m3"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="ExchangeRate" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="18"/&gt;       &lt;xs:fractionDigits value="3"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="Distance" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:choice&gt;       &lt;xs:element name="KM"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:maxInclusive value="99999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:choice&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	--

```
        </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: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:choice>
      </xs:sequence>
    </xs:complexType>
  </xs:annotation>

```

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

element **ConsignmentOrderMessage/COMS/COM\_Header**

diagram	<pre> classDiagram     class COM_Header {         &lt;&lt;Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications&gt;&gt;     }     class SendingRU     class ReceivingRU     class MessageReferenceNumber     class ShipmentType     class ConsignmentOrderType     class COM_PreparationDatetime     class DossierNumber     class VersionNumber     class PrintForm     class Intermodal     class ChangeLog      COM_Header "3..4" --&gt; "1..1" MessageReferenceNumber     COM_Header "3..4" --&gt; "1..1" ShipmentType     COM_Header "3..4" --&gt; "1..1" ConsignmentOrderType     COM_Header "3..4" --&gt; "1..1" COM_PreparationDatetime     COM_Header "3..4" --&gt; "1..1" DossierNumber     COM_Header "3..4" --&gt; "1..1" VersionNumber     COM_Header "3..4" --&gt; "1..1" PrintForm     COM_Header "3..4" --&gt; "1..1" Intermodal     COM_Header "3..4" --&gt; "1..1" ChangeLog   </pre> <p><b>COM_Header</b> Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</p> <p><b>SendingRU</b> Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p> <p><b>ReceivingRU</b> 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> <p><b>MessageReferenceNumber</b> Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.</p> <p><b>ShipmentType</b> Classification of the wagon order as 'CUV', 'CIM' or "SMGS".</p> <p><b>ConsignmentOrderType</b> 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> <p><b>COM_PreparationDatetime</b> Date and Time of preparation of the COM</p> <p><b>DossierNumber</b> Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</p> <p><b>VersionNumber</b> Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p> <p><b>PrintForm</b> 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> <p><b>Intermodal</b></p> <p><b>ChangeLog</b> 0..100 Log of changes made by the LeadRU / contractual carrier during the transport.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

the CIM consignment note.</xs:documentation>

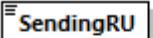
```

        </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: RRRYYYYYMMDDNNNNNNN Where RRR = 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**

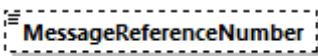
diagram	 <b>SendingRU</b>  Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p>												
source	<pre>&lt;xs:element name="SendingRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **ConsignmentOrderMessage/COMS/COM\_Header/ReceivingRU**

diagram	 <b>ReceivingRU</b>  Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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>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>												
source	<pre>&lt;xs:element name="ReceivingRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **ConsignmentOrderMessage/COMS/COM\_Header/MessageReferenceNumber**

diagram	 <p>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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	<p>documentation</p> <p>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</p>									
source	<pre> &lt;xs:element name="MessageReferenceNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="18"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Use here a counter, any system.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:maxLength&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **ConsignmentOrderMessage/COMS/COM\_Header/ShipmentType**

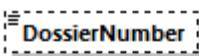
diagram	 <p>Classification of the wagon order as 'CUV', 'CIM' or "SMGS".</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:token</b>						
properties	content simple						
facets	<table> <thead> <tr> <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 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.
annotation	documentation	Classification of the wagon order as 'CUV', 'CIM' or "SMGS".
source		<pre>&lt;xs:element name="ShipmentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Classification of the wagon order as 'CUV', 'CIM' or "SMGS".&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="CIM"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Regular transport, according in basic to the CIM consignment note.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="CUV"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="SMGS"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

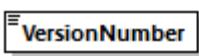
element **ConsignmentOrderMessage/COMS/COM\_Header/COM\_PreparationDatetime**

diagram	 Date and Time of preparation of the COM
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:dateTime</b>
properties	content simple
annotation	documentation Date and Time of preparation of the COM
source	<pre>&lt;xs:element name="COM_PreparationDatetime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of preparation of the COM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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: RRRRYYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
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> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>length</td><td>19</td><td></td></tr> <tr> <td>pattern</td><td>\d{4}20\d{2}[0-1][0-9][0-3]\d{8}</td><td></td></tr> </table>	Kind	Value	Annotation	length	19		pattern	\d{4}20\d{2}[0-1][0-9][0-3]\d{8}	
Kind	Value	Annotation								
length	19									
pattern	\d{4}20\d{2}[0-1][0-9][0-3]\d{8}									
annotation	<p>documentation</p> <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.</p>									
source	<pre>&lt;xs:element name="DossierNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="19"/&gt;       &lt;xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:int</b>
properties	content simple

facets	Kind Value Annotation minInclusive 0 maxInclusive 100
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>&lt;xs:element name="VersionNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="100"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:token</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration WLT documentation Wagon load transport form to be used for print-out. enumeration CT 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>&lt;xs:element name="PrintForm" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="WLT"&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Wagon load transport form to be used for print- out.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="CT"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Combined traffic form to be used for print- out.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **ConsignmentOrderMessage/COMS/COM\_Header/Intermodal**

diagram							
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:byte</b>						
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> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>pattern</td><td>0 1</td><td></td></tr> </table>	Kind	Value	Annotation	pattern	0 1	
Kind	Value	Annotation					
pattern	0 1						
source	<pre> &lt;xs:element name="Intermodal" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:byte"&gt;       &lt;xs:pattern value="0 1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

element **ConsignmentOrderMessage/COMS/COM\_Header/ChangeLog**

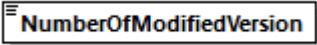
diagram							
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>100</td></tr> <tr> <td>content</td><td>complex</td></tr> </table>	minOcc	0	maxOcc	100	content	complex
minOcc	0						
maxOcc	100						
content	complex						
children	<a href="#">DateTime</a> <a href="#">NumberOfModifiedVersion</a>						
annotation	documentation Log of changes made by the LeadRU / contractual carrier during the transport.						

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

diagram	 <p>DateTime</p> <p>DateTime, when the changes were applied.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:dateTime</b>
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> &lt;xs:element name="DateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;DateTime, when the changes were applied.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ConsignmentOrderMessage/COMS/COM\_Header/ChangeLog/NumberOfModifiedVersion**

diagram	
	Version number of the modified message (as also written into COMHeader/COMVersionNumber).
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:int</b>
properties	content simple
annotation	documentation Version number of the modified message (as also written into COMHeader/COMVersionNumber).
source	<pre>&lt;xs:element name="NumberOfModifiedVersion"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Version number of the modified message (as also written into COMHeader/COMVersionNumber).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ConsignmentOrderMessage/COMS/COM**

diagram	<pre> classDiagram     COM &lt; --&gt; "1..n" ConsignmentOrderMessage     ConsignmentOrderMessage &lt; --&gt; "1..n" AcceptancePoint     ConsignmentOrderMessage &lt; --&gt; "1..n" DeliveryPoint     ConsignmentOrderMessage &lt; --&gt; "1..n" Customer     ConsignmentOrderMessage &lt; --&gt; "1..n" ConsignmentDeclarations     ConsignmentOrderMessage &lt; --&gt; "1..n" GeneralInformation     ConsignmentOrderMessage &lt; --&gt; "1..n" AttachedDocuments     ConsignmentOrderMessage &lt; --&gt; "1..n" CommercialSpecifications     ConsignmentOrderMessage &lt; --&gt; "1..n" PaymentInstructions     ConsignmentOrderMessage &lt; --&gt; "1..n" Tariff     ConsignmentOrderMessage &lt; --&gt; "1..n" TechnicalInstructions     ConsignmentOrderMessage &lt; --&gt; "1..n" DeclarationNotes     ConsignmentOrderMessage &lt; --&gt; "1..n" InterestInDelivery     ConsignmentOrderMessage &lt; --&gt; "1..n" CustomerDelivery     ConsignmentOrderMessage &lt; --&gt; "1..n" RateSection     ConsignmentOrderMessage &lt; --&gt; "1..n" SpecialInstructions     ConsignmentOrderMessage &lt; --&gt; "1..n" CustomerProcedures     ConsignmentOrderMessage &lt; --&gt; "1..n" CustomerData     ConsignmentOrderMessage &lt; --&gt; "1..n" IRI_Declarations     ConsignmentOrderMessage &lt; --&gt; "1..n" Carrier     ConsignmentOrderMessage &lt; --&gt; "1..n" LeadCarrier     ConsignmentOrderMessage &lt; --&gt; "1..n" MasterOut     ConsignmentOrderMessage &lt; --&gt; "1..n" ChargeMode     ConsignmentOrderMessage &lt; --&gt; "1..n" TransferPeriodEstimate     ConsignmentOrderMessage &lt; --&gt; "1..n" ChargingSections     ConsignmentOrderMessage &lt; --&gt; "1..n" Wagons     ConsignmentOrderMessage &lt; --&gt; "1..n" WagonPreviousNumberofWagons     ConsignmentOrderMessage &lt; --&gt; "1..n" AgreedTimeOfDelivery   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

```
        <xsmaxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
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    <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>
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    <xs:maxLength value="350"/>
</xs:restriction>
</xs:simpleType>
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    <xs:annotation>
        <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
    </xs:annotation>
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</xs:simpleType>
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</xs:sequence>
</xs:complexType>
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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>
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    <xs:maxInclusive value="999"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="DocumentInformation" minOccurs="0">
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attached document may be entered here.</xs:documentation>
    </xs:annotation>
</xs:element>
```

```
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  </xs:restriction>
</xs:simpleType>
</xs:element>
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  <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>
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    <xs:maxLength value="35"/>
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</xs:simpleType>
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  <xs:annotation>
    <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
  </xs:annotation>
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    <xs:minLength value="1"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
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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>
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```

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maxOccurs="10">
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            <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"/>
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</xs:complexType>
</xs:element>
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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">
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                    <xs:pattern value="\d*[1-9]\d*"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="Description" minOccurs="0">
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                <xs:documentation>Additional charges
description</xs:documentation>
            </xs:annotation>
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                <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="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>
    <xsmaxLength 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>
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            <xs:minLength value="1">
                <xs:annotation>
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zeros if necessary, but without check digit)</xs:documentation>
                </xs:annotation>
            </xs:minLength>
            <xsmaxLength value="6"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
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</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
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        <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>

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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: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>
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                <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">
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        <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>
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</xs:element>
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</xs:sequence>
</xs:complexType>
</xs:element>
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    <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>
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  </xs:complexType>
</xs:element>
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  </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>
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          </xs:annotation>
        </xs:element>
      </xs:sequence>
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  </xs:complexType>
</xs:element>
```

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        <xs:documentation>Customs procedures</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="RU_Partner" minOccurs="0">
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                    <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
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        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
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                    <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
                </xs:annotation>
            <xs:simpleType>
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        </xs:element>
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                <xs:documentation>Code for the principal
RU</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="CustomsSurveillance">
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                <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>
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consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006.</xs:documentation>
</xs:annotation>
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</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
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        <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>
</xs:element>

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                    <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">
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                    <xs:documentation>Name of Carrier</xs:documentation>
                </xs:annotation>
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            </xs:element>
            <xs:element name="StreetNumber" minOccurs="0">
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                    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
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                    <xs:documentation>Name of street of the
carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
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```
        <xsmaxLength value="35"/>
    </xsrestriction>
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        <xsdocumentation>Postal Code</xsdocumentation>
    </xsannotation>
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        <xsminLength value="1"/>
        <xsmmaxLength value="9"/>
    </xsrestriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xsannotation>
        <xsdocumentation>City/Town</xsdocumentation>
    </xsannotation>
<xs:simpleType>
    <xsrestriction base="xs:string">
        <xsminLength value="1"/>
        <xsmmaxLength value="35"/>
    </xsrestriction>
</xs:simpleType>
</xs:element>
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minOccurs="0">
    <xsannotation>
        <xsdocumentation>Country Code (ISO Code)</xsdocumentation>
    </xsannotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
    <xsannotation>
        <xsdocumentation>Start of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xsdocumentation>
    </xsannotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
    <xsannotation>
        <xsdocumentation>End of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xsdocumentation>
    </xsannotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
    <xsannotation>
        <xsdocumentation>Number of customer agreement between the
responsible and the operating carrier</xsdocumentation>
    </xsannotation>
<xs:simpleType>
    <xsrestriction base="xs:string">
        <xsminLength value="1"/>
        <xsannotation>
            <xsdocumentation>has to be sent as n6 (with leading
zeros if necessary)</xsdocumentation>
        </xsannotation>
    </xsrestriction>
</xs:simpleType>
```

```
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    <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"/>
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                </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"/>
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</xs:simpleType>
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    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
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    </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" minOccurs="0">
  <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: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"/>
        <xsmaxLength 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>
    <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:sequence>
                                <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10">
                                    <xs:annotation>
                                        <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:sequence>
                                    </xs:complexType>
                                    <xs:restriction base="xs:string">
                                        <xs:minLength value="1"/>
                                        <xs:maxLength value="2"/>
                                    </xs:restriction>
                                </xs:element>
                            </xs:sequence>
                        </xs:element>
                    </xs:sequence>
                </xs:element>
            </xs:sequence>
        </xs:element>
    </xs:complexType>
    <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:element>
```

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

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

diagram	<pre> classDiagram     class AcceptancePoint {         &lt;&lt;Description of location and time for the take over of the consignment&gt;&gt;     }     class Station {         &lt;&lt;Details of station serving the point&gt;&gt;     }     class RP_Code {         &lt;&lt;Routing point code of the production station of the acceptance or delivery point.&gt;&gt;     }     class ProductionStation {         &lt;&lt;Details of production station serving the point, this element is used if the productional station differs from the commercial station&gt;&gt;     }     class AcceptanceDate {         &lt;&lt;Date and time (month, day and hour) at which the goods were accepted.&gt;&gt;     }     class ConsignmentNumber {         &lt;&lt;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,&gt;&gt;     }     class ForwardingTrainNumber {         &lt;&lt;Train number at shipping&gt;&gt;     }     class CarrierCode {         &lt;&lt;Code of the shipping carrier mentioned in the consignment number.&gt;&gt;     }      AcceptancePoint "1" --&gt; "0..1" Station     AcceptancePoint "1" --&gt; "0..1" RP_Code     AcceptancePoint "1" --&gt; "0..1" ProductionStation     AcceptancePoint "1" --&gt; "1" AcceptanceDate     AcceptancePoint "1" --&gt; "1" ConsignmentNumber     AcceptancePoint "1" --&gt; "1" ForwardingTrainNumber     AcceptancePoint "1" --&gt; "1" CarrierCode   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Station</a> <a href="#">RP Code</a> <a href="#">ProductionStation</a> <a href="#">AcceptanceDate</a> <a href="#">ConsignmentNumber</a> <a href="#">ForwardingTrainNumber</a> <a href="#">CarrierCode</a>
annotation	<p>documentation</p> <p>Description of location and time for the take over of the consignment</p>
source	<pre> &lt;xs:element name="AcceptancePoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of location and time for the take over of the consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Station"/&gt;       &lt;xs:element ref="RP_Code" minOccurs="0"/&gt;       &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;       &lt;xs:element name="AcceptanceDate" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date and time (month, day and hour) at which the goods were accepted. &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:dateTime"/&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ConsignmentNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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, &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="6"/&gt;     &lt;xs:pattern value="\d*[1-9]\d*"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ForwardingTrainNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Train number at shipping &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="6"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of the shipping carrier mentioned in the consignment number.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

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

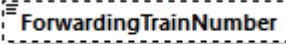
diagram	 <p>Date and time (month, day and hour) at which the goods were accepted.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:dateTime</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation</p> <p>Date and time (month, day and hour) at which the goods were accepted.</p>
source	<pre>&lt;xs:element name="AcceptanceDate" minOccurs="0"&gt;   &lt;xs:annotation&gt;</pre>

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

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

diagram	 <p>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,</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>									
facets	<table> <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	<p>documentation</p> <p>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,</p>									
source	<pre>&lt;xs:element name="ConsignmentNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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, &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="6"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

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

diagram	 <p>Train number at shipping</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1

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

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

diagram	 <p>Code of the shipping carrier mentioned in the consignment number.</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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	<p>documentation</p> <p>Code of the shipping carrier mentioned in the consignment number.</p>												
source	<pre>&lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of the shipping carrier mentioned in the consignment number.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

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

diagram	<pre> classDiagram     class DeliveryPoint {         Description of location and time for the hand over of the consignment     }     class Station {         Details of station serving the point     }     class RP_Code {         Routing point code of the production station of the acceptance or delivery point.     }     class ProductionStation {         Details of production station serving the point, this element is used if the productional station differs from the commercial station     }      DeliveryPoint &lt;--&gt; Station     DeliveryPoint &lt;--&gt; RP_Code     DeliveryPoint &lt;--&gt; ProductionStation   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Station</a> <a href="#">RP Code</a> <a href="#">ProductionStation</a>
annotation	<p>documentation</p> <p>Description of location and time for the hand over of the consignment</p>
source	<pre> &lt;xs:element name="DeliveryPoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of location and time for the hand over of the consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Station"/&gt;       &lt;xs:element ref="RP_Code" minOccurs="0"/&gt;       &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

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

diagram	<pre> classDiagram     class ConsignorDeclarations {         Consignors declarations, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor     }     class ConsignorDeclarationCode {         Carrier declaration code.     }     class DeclarationText {         Additional Text for codes with free text     }      ConsignorDeclarations &lt;--&gt; ConsignorDeclarationCode     ConsignorDeclarations &lt;--&gt; DeclarationText   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 10 content complex
children	<a href="#">ConsignorDeclarationCode</a> <a href="#">DeclarationText</a>
annotation	<p>documentation</p> <p>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the</p>

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

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

diagram	<pre> classDiagram     class GeneralInformation {         General information about the complete consignment     }     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.     }      GeneralInformation --&gt; ConsignorReference     GeneralInformation --&gt; InformationConsignee     GeneralInformation --&gt; WagonGroupInfo   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">ConsignorReference</a> <a href="#">InformationConsignee</a> <a href="#">WagonGroupInfo</a>
annotation	<p>documentation</p> <p>General information about the complete consignment</p>
source	<pre>&lt;xs:element name="GeneralInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;General information about the complete consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ConsignorReference" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Consignor's reference concerning the complete consignment&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt; </pre>

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

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

diagram	<p>Consignor's reference concerning the complete consignment</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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>Consignor's reference concerning the complete consignment</p>									
source	<pre> &lt;xs:element name="ConsignorReference" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignor's reference concerning the complete </pre>									

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

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

diagram	 <b>InformationConsignee</b> <p>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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	<p>documentation</p> <p>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</p>									
source	<pre> &lt;xs:element name="InformationConsignee" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

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

diagram	 <b>WagonGroupInfo</b> <p>Consignor information regarding the whole consignment. Comparable with the element <b>WagonInfo</b>, but for all wagons.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:string</b>
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>&lt;xs:element name="WagonGroupInfo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="500"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

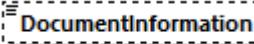
diagram	<p><b>AttachedDocuments</b> </p> <p>Paper documents accompanying the transport</p>
	<p><b>DocumentType</b> Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p> <p><b>DocumentInformation</b> Additional information regarding the attached document may be entered here.</p> <p><b>Quantity</b> Amount of the documents of the specified type.</p> <p><b>DocumentTypeDescription</b> Description of document type, when it is not in the UN/EDIFACT 1001 list included.</p> <p><b>Filename</b> Filename of embedded pdf in legacy system</p> <p><b>StatusOfDocument</b> Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN ...</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	<p>minOcc 0</p> <p>maxOcc 10</p> <p>content complex</p>
children	<a href="#">DocumentType</a> <a href="#">DocumentInformation</a> <a href="#">Quantity</a> <a href="#">DocumentTypeDescription</a> <a href="#">Filename</a> <a href="#">StatusOfDocument</a>
annotation	<p>documentation</p> <p>Paper documents accompanying the transport</p>
source	<pre>&lt;xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Paper documents accompanying the transport&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DocumentType"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;</pre>

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<xs:restriction base="xs:int">
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  <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>
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    </xs:restriction>
  </xs:simpleType>
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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"/>
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    </xs:restriction>
  </xs:simpleType>
</xs:element>
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</xs:sequence>
</xs:complexType>
</xs:element>
```

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

diagram										
	Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:int</b>									
properties	content simple									
facets	<table> <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	<p>documentation</p> <p>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p>									
source	<pre>&lt;xs:element name="DocumentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

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

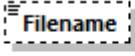
diagram										
	Additional information regarding the attached document may be entered here.									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <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>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>Additional information regarding the attached document may be entered here.</p>									
source	<pre>&lt;xs:element name="DocumentInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information regarding the attached document may be entered here.&lt;/xs:documentation&gt;</pre>									

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

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

diagram	 <p>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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> &lt;xs:element name="DocumentTypeDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of document type, when it is not in the UN/EDIFACT 1001 list included.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

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

diagram	 <p>Filename of embedded pdf in legacy system</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

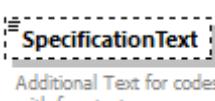
	maxLength 35
annotation	documentation Filename of embedded pdf in legacy system
source	<pre>&lt;xs:element name="Filename" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Filename of embedded pdf in legacy system&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;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

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

diagram	<pre> classDiagram     class CommercialSpecifications {         CommercialSpecificationCode         SpecificationText         CarrierCode         ContractNumber     }     CommercialSpecifications "0..1" -- "0..1" CommercialSpecificationCode     CommercialSpecifications "0..1" -- "0..1" SpecificationText     CommercialSpecifications "0..10" -- "0..10" CarrierCode     CommercialSpecifications "0..10" -- "0..10" ContractNumber   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAF-TSI/3.4">http://www.era.europa.eu/schemes/TAF-TSI/3.4</a>
properties	minOcc 0 maxOcc 5 content complex
children	<a href="#">CommercialSpecificationCode</a> <a href="#">SpecificationText</a> <a href="#">CarrierCode</a> <a href="#">ContractNumber</a>
annotation	documentation Commercial Specification
source	<pre>&lt;xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Commercial Specification&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="CommercialSpecificationCode"/&gt;       &lt;xs:element name="SpecificationText" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

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

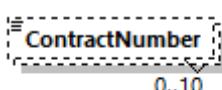
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>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> &lt;xs:element name="SpecificationText" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Additional Text for codes with free </pre>									

	<pre>text&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xsmaxLength value="350"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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**element ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode**

diagram	 0..10 additional carrier code belonging to the given contract number
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><u>CompanyCode</u></a>
properties	minOcc 0 maxOcc 10 content simple
facets	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>&lt;xs:element name="CarrierCode" type="CompanyCode" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;additional carrier code belonging to the given contract number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	 0..10 additional contract number according to the given carrier code.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#"><u>xs:string</u></a>
properties	minOcc 0 maxOcc 10 content simple
used by	element <a href="#"><u>WIMO Dataset/ConsignmentLevelData</u></a>

facets	Kind 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>&lt;xs:element name="ContractNumber" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;additional contract number according to the given carrier code.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if necessary)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:minLength&gt;       &lt;xs:maxLength value="6"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<p>The diagram illustrates the structure of the <b>PrepaymentInstructions</b> element. It is represented by a rectangle with a connector on its left side. This connector is connected to a dashed-line box containing four components: <b>PrepaymentCustomer</b>, <b>PrepaidcodeCarrier</b>, <b>PaidUpTo</b>, and <b>AdditionalCharges</b>.   <b>PrepaymentCustomer</b>: Contains the text "Prepaidcode (given by the client)".  <b>PrepaidcodeCarrier</b>: Contains the text "Prepaidcode (given by the railway)".  <b>PaidUpTo</b>: Contains the text "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."  <b>AdditionalCharges</b>: Contains the text "0..5 Additional Charges".</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">PrepaymentCustomer</a> <a href="#">PrepaidcodeCarrier</a> <a href="#">PaidUpTo</a> <a href="#">AdditionalCharges</a>
annotation	documentation Prepayment
source	<pre>&lt;xs:element name="PrepaymentInstructions"&gt;   &lt;xs:annotation&gt;</pre>

```

<xs:documentation>Prepayment</xs:documentation>
</xs:annotation>
<xss:complexType>
  <xss:sequence>
    <xss:element name="PrepaymentCustomer" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Prepaidcode (given by the
client)</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:choice>
          <xss:element ref="PrepaidCodeCustomer"/>
          <xss:element ref="IncotermCode"/>
        </xss:choice>
      </xss:complexType>
    </xss:element>
    <xss:element ref="PrepaidcodeCarrier"/>
    <xss:element name="PaidUpTo" minOccurs="0">
      <xss:annotation>
        <xss: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.</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:complexContent>
          <xss:extension base="LocationIdent"/>
        </xss:complexContent>
      </xss:complexType>
    </xss:element>
    <xss:element name="AdditionalCharges" minOccurs="0" maxOccurs="5">
      <xss:annotation>
        <xss:documentation>Additional Charges</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:sequence>
          <xss:element name="Code">
            <xss:annotation>
              <xss:documentation>Additional charges code according CIT GLV-
CIM appendix 3</xss:documentation>
            </xss:annotation>
            <xss:simpleType>
              <xss:restriction base="xs:string">
                <xss:length value="2"/>
                <xss:pattern value="\d*[1-9]\d*"/>
              </xss:restriction>
            </xss:simpleType>
          </xss:element>
          <xss:element name="Description" minOccurs="0">
            <xss:annotation>
              <xss:documentation>Additional charges
description</xss:documentation>
            </xss:annotation>
            <xss:simpleType>
              <xss:restriction base="xs:string">
                <xss:minLength value="1"/>
                <xss:maxLength value="35"/>
              </xss:restriction>
            </xss:simpleType>
          </xss:element>
        </xss:sequence>
      </xss:complexType>
    </xss:element>
  </xss:sequence>
</xss:complexType>

```

	<pre> &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

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

diagram	<pre> classDiagram     class PrepaymentCustomer     class PrepaidCodeCustomer     class IncotermCode      PrepaymentCustomer &lt; -- PrepaidCodeCustomer     PrepaymentCustomer &lt; -- IncotermCode      PrepaidCodeCustomer "Prepaidcode (given by the client)" --&gt; PrepaymentCustomer     IncotermCode "Incoterm (given by the client)" --&gt; PrepaymentCustomer </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<b>PrepaidCodeCustomer IncotermCode</b>
annotation	documentation Prepaidcode (given by the client)
source	<pre> &lt;xs:element name="PrepaymentCustomer" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Prepaidcode (given by the client)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:choice&gt;       &lt;xs:element ref="PrepaidCodeCustomer"/&gt;       &lt;xs:element ref="IncotermCode"/&gt;     &lt;/xs:choice&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

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

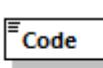
diagram	<p>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <a href="#">LocationIdent</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	<p>documentation</p> <p>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>
source	<pre>&lt;xs:element name="PaidUpTo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="LocationIdent"/&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<p>0..5 Additional Charges</p>
---------	--------------------------------

namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 5 content complex
children	<a href="#"><b>Code Description</b></a>
annotation	documentation Additional Charges
source	<pre>&lt;xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Charges&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Code"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional charges code according CIT GLV-CIM appendix 3&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:length value="2"/&gt;             &lt;xs:pattern value="\d*[1-9]\d*"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Description" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional charges description&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="35"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

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

diagram	 <p>Additional charges code according CIT GLV-CIM appendix 3</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
facets	Kind Value Annotation length 2

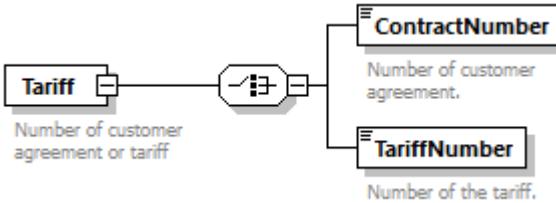
	pattern \d*[1-9]\d*
annotation	documentation Additional charges code according CIT GLV-CIM appendix 3
source	<pre>&lt;xs:element name="Code"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional charges code according CIT GLV-CIM appendix 3&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;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

## element

**ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Description**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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 charges description									
source	<pre>&lt;xs:element name="Description" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional charges description&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

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

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">ContractNumber</a> <a href="#">TariffNumber</a>
annotation	documentation Number of customer agreement or tariff
source	<pre> &lt;xs:element name="Tariff"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of customer agreement or tariff&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:choice&gt;       &lt;xs:element name="ContractNumber"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of customer agreement.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if necessary)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:minLength&gt;             &lt;xs:maxLength value="6"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="TariffNumber"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of the tariff.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if necessary, but without check digit)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:minLength&gt;             &lt;xs:maxLength value="6"/&gt;             &lt;xs:pattern value="\d*[1-9]\d*"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:choice&gt;   &lt;/xs:complexType&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

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

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>									
facets	<table> <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> &lt;xs:element name="ContractNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of customer agreement.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if necessary)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:minLength&gt;       &lt;xs:maxLength value="6"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

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

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:string</b>												
properties	content simple												
facets	<table> <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> &lt;xs:element name="TariffNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of the tariff.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if necessary, but without check digit)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:minLength&gt;       &lt;xsmaxLength value="6"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--------	--

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

diagram	<pre> classDiagram     class SectionalInvoicing {         &lt;&lt;Sectional Invoicing&gt;&gt;     }     class Section {         &lt;&lt;Sectional Invoicing&gt;&gt;     }     SectionalInvoicing "1..30" *--o Section </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">Section</a>
annotation	documentation Sectional Invoicing
source	<pre> &lt;xs:element name="SectionalInvoicing" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Sectional Invoicing&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Section" maxOccurs="30"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Sectional Invoicing&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="InvoicingCarrierCode" type="CompanyCode"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Sectional invoicing by&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="InvoicedSection"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Information about the section to be invoiced.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 1 maxOcc 30 content complex
children	<a href="#">InvoicingCarrierCode</a> <a href="#">InvoicedSection</a>
annotation	documentation Sectional Invoicing
source	<pre> &lt;xs:element name="Section" maxOccurs="30"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sectional Invoicing&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="InvoicingCarrierCode" type="CompanyCode"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Sectional invoicing by&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="InvoicedSection"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Information about the section to be invoiced.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; </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/3.4												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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>Sectional invoicing by</p>												
source	<xs:element name="InvoicingCarrierCode" type="CompanyCode">   <xs:annotation>     <xs:documentation>Sectional invoicing by</xs:documentation>   </xs:annotation> </xs:element>												

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

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

namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">CountryCode</a> <a href="#">SectionCarrierCode</a>
annotation	documentation Information about the section to be invoiced.
source	<pre>&lt;xs:element name="InvoicedSection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information about the section to be invoiced.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:choice&gt;       &lt;xs:element name="CountryCode" type="CountryIdentISO"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Invoiced section specified by country&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SectionCarrierCode" type="CompanyCode"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Invoiced section specified by carrier&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:choice&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

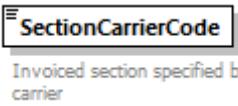
element

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

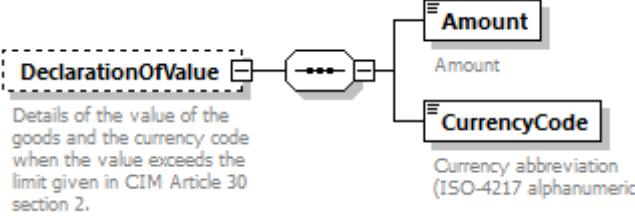
diagram	 Invoiced section specified by country
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CountryIdentISO</a>
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Invoiced section specified by country
source	<pre>&lt;xs:element name="CountryCode" type="CountryIdentISO"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Invoiced section specified by country&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element

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

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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>&lt;xs:element name="SectionCarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Invoiced section specified by carrier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">Amount</a> <a href="#">CurrencyCode</a>
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>&lt;xs:element name="DeclarationOfValue" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Amount" type="Money_Type"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Amount&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

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

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

diagram	 <p>Amount</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">Money_Type</a>									
properties	content simple									
facets	<table> <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> &lt;xs:element name="Amount" type="Money_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Amount&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

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

diagram	 <p>CurrencyCode</p> <p>Currency abbreviation (ISO-4217 alphanumeric)</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	<a href="#">CurrencyCode_Type</a>						
properties	content simple						
facets	<table> <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> &lt;xs:element name="CurrencyCode" type="CurrencyCode_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Currency abbreviation (ISO-4217 alphanumeric)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>						

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

diagram	<p><b>InterestInDelivery</b> Details of the amount and currency code of a special interest in delivery.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">Amount</a> <a href="#">CurrencyCode</a>
annotation	<p>documentation</p> <p>Details of the amount and currency code of a special interest in delivery.</p>
source	<pre>&lt;xs:element name="InterestInDelivery" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the amount and currency code of a special interest in delivery.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Amount" type="Money_Type"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Amount&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CurrencyCode" type="CurrencyCode_Type"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Currency abbreviation (ISO-4217 alphanumeric)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<p><b>Amount</b></p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">Money Type</a>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="Amount" type="Money_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Amount&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">CurrencyCode Type</a>
properties	content simple
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)
source	<pre>&lt;xs:element name="CurrencyCode" type="CurrencyCode_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Currency abbreviation (ISO-4217 alphanumeric)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">Amount</a> <a href="#">CurrencyCode</a>
annotation	documentation Details of the amount to be collected on delivery and the currency code.
source	<pre>&lt;xs:element name="CashOnDelivery" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the amount to be collected on delivery and the currency code.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Amount" type="Money_Type"&gt;         &lt;xs:annotation&gt;</pre>

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

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

diagram	 Amount
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Money Type</a>
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Amount
source	<pre> &lt;xs:element name="Amount" type="Money_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Amount&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	 Currency abbreviation (ISO-4217 alphanumeric)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CurrencyCode Type</a>
properties	content simple
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)
source	<pre> &lt;xs:element name="CurrencyCode" type="CurrencyCode_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Currency abbreviation (ISO-4217 alphanumeric)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

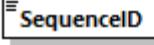
	</xs:element>
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element **ConsignmentOrderMessage/COMS/COM/RouteSection**

diagram	<p><b>RouteSection</b> 0..30 Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p> <p><b>SequenceID</b> Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p> <p><b>RouteCode</b> Route code (International RouteCode)</p> <p><b>RouteText</b> Description of the specific route section</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 30 content complex
children	<b>SequenceID</b> <b>RouteCode</b> <b>RouteText</b>
annotation	<p>documentation</p> <p>Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p>
source	<pre> &lt;xs:element name="RouteSection" minOccurs="0" maxOccurs="30"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="SequenceID" type="xs:int"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="RouteCode"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Route code (International RouteCode)&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;           &lt;xs:simpleType&gt;             &lt;xs:restriction base="xs:string"&gt;               &lt;xs:length value="5"/&gt;               &lt;xs:pattern value="\d*[1-9]\d*0"/&gt;             &lt;/xs:restriction&gt;           &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;       &lt;/xs:sequence&gt;       &lt;xs:element name="RouteText" minOccurs="0"&gt;     </pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Description of the specific route section&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="80"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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element **ConsignmentOrderMessage/COMS/COM/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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:int</b>
properties	content simple
annotation	<p>documentation</p> <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p>
source	<pre> &lt;xs:element name="SequenceID" type="xs:int"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	 <p>Route code (International RouteCode)</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>5</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*0</td> <td></td> </tr> </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>&lt;xs:element name="RouteCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Route code (International RouteCode)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="5"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*0"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	 <p>Description of the specific route section</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Description of the specific route section
source	<pre>&lt;xs:element name="RouteText" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of the specific route section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="80"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<pre> classDiagram     class CustomsProcedures {         &lt;&lt;Customs procedures&gt;&gt;     }     class RU_Partner {         &lt;&lt;Code of the RU entrusted of customs procedures.&gt;&gt;     }     class Location {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;     }     CustomsProcedures "0..1" *--&gt; RU_Partner     CustomsProcedures "0..1" *--&gt; Location   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">RU Partner Location</a>
annotation	documentation Customs procedures
source	<pre> &lt;xs:element name="CustomsProcedures" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customs procedures&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="RU_Partner" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Code of the RU entrusted of customs procedures.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Location"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

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

diagram	<pre> classDiagram     class CustomsData {         &lt;&lt;Customs Data&gt;&gt;     }     class SimplifiedTransportProcedure {         &lt;&lt;Simplified transport procedure is used (STP).&gt;&gt;     }     class PrincipalRU {         &lt;&lt;Code for the principal RU&gt;&gt;     }     class CustomsSurveillance {         &lt;&lt;Good under customs surveillance&gt;&gt;     }     class CustomsEndorsements {         &lt;&lt;Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.&gt;&gt;     }     CustomsData "0..1" *--&gt; SimplifiedTransportProcedure     CustomsData "0..1" *--&gt; PrincipalRU     CustomsData "0..1" *--&gt; CustomsSurveillance     CustomsData "0..1" *--&gt; CustomsEndorsements   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

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

diagram	<b>SimplifiedTransportProcedure</b> Simplified transport procedure is used (STP).
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre>&lt;xs:element name="SimplifiedTransportProcedure" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Simplified transport procedure is used (STP).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:boolean"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<b>PrincipalRU</b> Code for the principal RU
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>CompanyCode</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Code for the principal RU
source	<pre>&lt;xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code for the principal RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	<b>CustomsSurveillance</b> Good under customs surveillance
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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:boolean</b>
properties	content simple
annotation	documentation Good under customs surveillance
source	<pre>&lt;xs:element name="CustomsSurveillance"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Good under customs surveillance&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:boolean"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	 <p>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="CustomsEndorsements" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations**

diagram	<pre> classDiagram     class RU_Declarations {         &lt;&lt;Carriers declaration&gt;&gt;     }     class RU_Declaration {         &lt;&lt;0..30 Details of the carriers declaration.&gt;&gt;     }     class DifferentAcceptance {         &lt;&lt;Details of the changes of the acceptance point given by the consignor.&gt;&gt;     }     RU_Declarations "0..30" -- "1" RU_Declaration     RU_Declarations "1" -- "1" DifferentAcceptance   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">RU Declaration</a> <a href="#">DifferentAcceptance</a>
annotation	documentation Carriers declaration
source	<pre> &lt;x:element name="RU_Declarations" minOccurs="0"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;Carriers declaration&lt;/x:documentation&gt;   &lt;/x:annotation&gt;   &lt;x:complexType&gt;     &lt;x:sequence&gt;       &lt;x:element name="RU_Declaration" minOccurs="0" maxOccurs="30"&gt;         &lt;x:annotation&gt;           &lt;x:documentation&gt;Details of the carriers declaration.&lt;/x:documentation&gt;         &lt;/x:annotation&gt;         &lt;x:complexType&gt;           &lt;x:sequence&gt;             &lt;x:element name="DeclaringRU" type="CompanyCode"&gt;               &lt;x:annotation&gt;                 &lt;x:documentation&gt;Code of carrier, who added the declaration.&lt;/x:documentation&gt;               &lt;/x:annotation&gt;             &lt;/x:element&gt;             &lt;x:element ref="RU_DeclarationCode"/&gt;             &lt;x:element ref="DeclarationText" minOccurs="0"/&gt;           &lt;/x:sequence&gt;         &lt;/x:complexType&gt;       &lt;/x:element&gt;       &lt;x:element name="DifferentAcceptance" minOccurs="0"&gt;         &lt;x:annotation&gt;           &lt;x:documentation&gt;Details of the changes of the acceptance point given by the consignor.&lt;/x:documentation&gt;         &lt;/x:annotation&gt;         &lt;x:complexType&gt;           &lt;x:sequence&gt;             &lt;x:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;               &lt;x:annotation&gt;                 &lt;x:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/x:documentation&gt;               &lt;/x:annotation&gt;             &lt;/x:element&gt;           &lt;/x:sequence&gt;         &lt;/x:complexType&gt;       &lt;/x:element&gt;     &lt;/x:sequence&gt;   &lt;/x:complexType&gt; &lt;/x:element&gt; </pre>

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

element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations/RU\_Declaration**

diagram	<pre> classDiagram     class RU_Declaration {         &lt;&lt;0..30&gt;&gt;     }     class DeclaringRU {         &lt;&lt;Code of carrier, who added the declaration.&gt;&gt;     }     class RU_DeclarationCode {         &lt;&lt;Carrier declaration code.&gt;&gt;     }     class DeclarationText {         &lt;&lt;Additional Text for codes with free text&gt;&gt;     }      RU_Declaration "0..30" --&gt; DeclaringRU :      RU_Declaration --&gt; RU_DeclarationCode :      RU_Declaration --&gt; DeclarationText : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 30 content complex
children	<a href="#">DeclaringRU</a> <a href="#">RU_DeclarationCode</a> <a href="#">DeclarationText</a>
annotation	<p>documentation</p> <p>Details of the carriers declaration.</p>
source	<pre> &lt;xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Details of the carriers declaration.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="DeclaringRU" type="CompanyCode"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Code of carrier, who added the declaration.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="RU_DeclarationCode"/&gt;             &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations/RU\_Declaration/DeclaringRU**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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>Code of carrier, who added the declaration.</p>												
source	<pre>&lt;xs:element name="DeclaringRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of carrier, who added the declaration.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations/DifferentAcceptance**

diagram							
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	<a href="#">DifferentAcceptancePoint</a> <a href="#">DifferentAcceptanceDate</a>						
annotation	<p>documentation</p> <p>Details of the changes of the acceptance point given by the consignor.</p>						
source	<pre>&lt;xs:element name="DifferentAcceptance" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the changes of the acceptance point given by the consignor.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>						

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

element

**ConsignmentOrderMessage/COMS/COM/RU\_Declarations/DifferentAcceptance/DifferentAcceptancePoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#"><u>LocationIdent</u></a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#"><u>CountryCodeISO</u></a> <a href="#"><u>LocationPrimaryCode</u></a> <a href="#"><u>PrimaryLocationName</u></a> <a href="#"><u>LocationSubsidiaryIdentification</u></a>
annotation	documentation Variance of acceptance point given in structure AcceptancePoint.
source	<pre> &lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element

**ConsignmentOrderMessage/COMS/COM/RU\_Declarations/DifferentAcceptance/DifferentAcceptanceDate**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:dateTime</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<pre>&lt;xs:element name="DifferentAcceptanceDate" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Variance of acceptance date given structure AcceptancePoint.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<pre> classDiagram     class Carriers {         &lt;&lt;1..30&gt;&gt;     }     sequenceID     CarrierStatus     CarrierCode     ResponsibleCarrierCode     CarrierName     StreetNumber     Street     ZIPCode     City     CountryCode     SectionFrom     SectionTo     SubContractNumber_SplitContract     sequenceID {         "Position of carrier during transport."     }     CarrierStatus {         "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)"     }     CarrierCode {         "Railway Undertaking (Railway Code)"     }     ResponsibleCarrierCode {         "Railway Undertaking (Railway Code) of the carrier in charge."     }     CarrierName {         "Name of Carrier"     }     StreetNumber {         "Streetnumber of carrier."     }     Street {         "Name of street of the carrier"     }     ZIPCode {         "Postal Code"     }     City {         "City/Town"     }     CountryCode {         "Country Code (ISO Code)"     }     SectionFrom {         "Start of section to be performed by the carrier. This can be a station OR a border crossing point."     }     SectionTo {         "End of section to be performed by the carrier. This can be a station OR a border crossing point."     }     SubContractNumber_SplitContract {         "Number of customer agreement between the responsible and the operating carrier"     } </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	minOcc maxOcc content	1 30 complex				
children	<u><a href="#">CarrierStatus</a></u> <u><a href="#">CarrierCode</a></u> <u><a href="#">ResponsibleCarrierCode</a></u> <u><a href="#">CarrierName</a></u> <u><a href="#">StreetNumber</a></u> <u><a href="#">Street</a></u> <u><a href="#">ZIPCode</a></u> <u><a href="#">City</a></u> <u><a href="#">CountryCode</a></u> <u><a href="#">SectionFrom</a></u> <u><a href="#">SectionTo</a></u> <u><a href="#">SubContractNumber</a></u> <u><a href="#">SplitContract</a></u>					
attributes	Name <u><a href="#">sequenceID</a></u>	Type <b>xs:int</b>	Use	Default	Fixed	Annotation documentation Position of carrier during transport.
source	<pre> &lt;xs:element name="Carriers" maxOccurs="30"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="CarrierStatus"/&gt;       &lt;xs:element name="CarrierCode" type="CompanyCode"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Railway Undertaking (Railway Code)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Railway Undertaking (Railway Code) of the carrier in charge.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CarrierName" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of Carrier&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="35"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="StreetNumber" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Streetnumber of carrier.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="5"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Street" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of street of the carrier&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="35"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</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> &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;xs:attribute name="sequenceID" type="xs:int"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Position of carrier during transport.   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:attribute&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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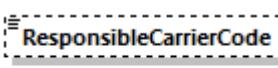
attribute **ConsignmentOrderMessage/COMS/COM/Carriers/@sequenceID**

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

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

diagram	 Railway Undertaking (Railway Code)												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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> &lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Railway Undertaking (Railway Code)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

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

diagram	 Railway Undertaking (Railway Code) of the carrier in charge.
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	<b>CompanyCode</b>		
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>&lt;xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Railway Undertaking (Railway Code) of the carrier in charge.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>		

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of Carrier
source	<pre>&lt;xs:element name="CarrierName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of Carrier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre>&lt;xs:element name="StreetNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Streetnumber of carrier.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="5"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	 Name of street of the carrier
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="Street" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of street of the carrier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

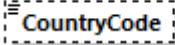
element **ConsignmentOrderMessage/COMS/COM/Carriers/ZIPCode**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre>&lt;xs:element name="ZIPCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Postal Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

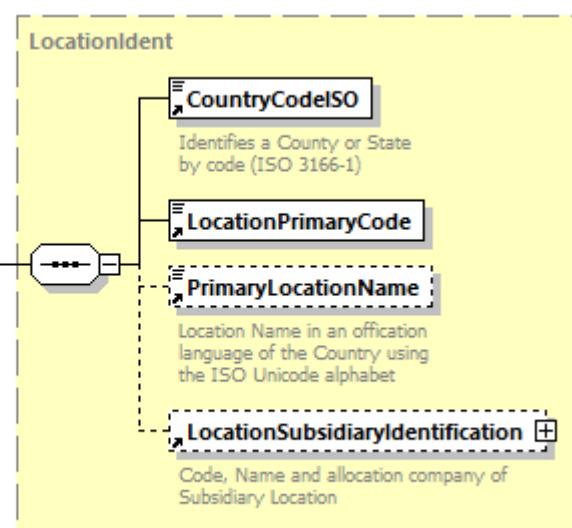
element **ConsignmentOrderMessage/COMS/COM/Carriers/City**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<pre>&lt;xs:element name="City" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;City/Town&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">CountryIdentISO</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre>&lt;xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Country Code (ISO Code)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Start of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre>&lt;xs:element name="SectionFrom" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Start of section to be performed by the carrier. This</pre>

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

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

diagram	<pre> classDiagram     class LocationIdent {         &lt;&lt;LocationIdent&gt;&gt;         &lt;&lt;CountryCodeISO&gt;&gt;         &lt;&lt;LocationPrimaryCode&gt;&gt;         &lt;&lt;PrimaryLocationName&gt;&gt;         &lt;&lt;LocationSubsidiaryIdentification&gt;&gt;     }     SectionTo "1" -- "1" LocationIdent :      CountryCodeISO "1" -- "1" LocationIdent :      LocationPrimaryCode "1" -- "1" LocationIdent :      PrimaryLocationName "1" -- "1" LocationIdent :      PrimaryLocationName :          &lt;&lt;Location Name in an officiation language of the Country using the ISO Unicode alphabet&gt;&gt;     LocationSubsidiaryIdentification "0..1" -- "1" LocationIdent :  </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation End of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre> &lt;xs:element name="SectionTo" type="LocationIdent"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;End of section to be performed by the carrier. This can be a station OR a border crossing point.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SubContractNumber\_SplitContract**

diagram	<pre> classDiagram     class SubContractNumber_SplitContract {         &lt;&lt;Number of customer agreement between the responsible and the operating carrier&gt;&gt;     } </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:string</a>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="SubContractNumber_SplitContract" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of customer agreement between the responsible and the operating carrier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if necessary)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:minLength&gt;       &lt;xs:maxLength value="6"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<pre> classDiagram     class LeadCarrier {         &lt;&lt;LeadCarrier/ Contractual carrier&gt;&gt;         &lt;&lt;Contractual carrier, railway undertaking (Railway Code).&gt;&gt;     }     class CarrierCode     class CarrierName     class StreetNumber     class Street     class ZIPCode     class City     class CountryCode     class Signature      LeadCarrier "1" -- "*" :&gt; "1" CarrierCode     LeadCarrier "1" -- "*" :&gt; "1" CarrierName     LeadCarrier "1" -- "*" :&gt; "1" StreetNumber     LeadCarrier "1" -- "*" :&gt; "1" Street     LeadCarrier "1" -- "*" :&gt; "1" ZIPCode     LeadCarrier "1" -- "*" :&gt; "1" City     LeadCarrier "1" -- "*" :&gt; "1" CountryCode     LeadCarrier "1" -- "*" :&gt; "1" Signature   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">CarrierCode</a> <a href="#">CarrierName</a> <a href="#">StreetNumber</a> <a href="#">Street</a> <a href="#">ZIPCode</a> <a href="#">City</a> <a href="#">CountryCode</a> <a href="#">Signature</a>

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

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

diagram	 <p>Contractual carrier, railway undertaking (Railway Code).</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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> &lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Contractual carrier, railway undertaking (Railway Code).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>												

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

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

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <code>xs:string</code>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of contractual carrier
source	<pre>&lt;xs:element name="CarrierName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of contractual carrier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

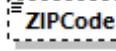
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <code>xs:string</code>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre>&lt;xs:element name="StreetNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Streetnumber of carrier.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;xs:maxLength value="5"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

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

diagram	 Name of street of the carrier
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="Street" minOccurs="0"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Name of street of the carrier&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	 Postal Code
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre>&lt;xs:element name="ZIPCode" minOccurs="0"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Postal Code&lt;/xs:documentation&gt; &lt;/xs:annotation&gt;</pre>

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

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

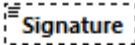
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>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> &lt;xs:element name="City" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;City/Town&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

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

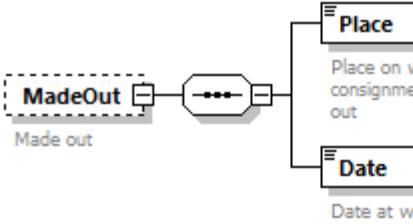
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<b>CountryIdentISO</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</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> &lt;xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"&gt; </pre>									

	<pre>&lt;xs:annotation&gt;   &lt;xs:documentation&gt;Country Code (ISO Code)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	--

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

diagram	 <p>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</p>									
source	<pre>&lt;xs:element name="Signature" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

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

diagram	 <p>Made out</p> <p>Place on which the consignment note was made out</p> <p>Date at which the consignment note was made out.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex

children	<a href="#"><u>Place Date</u></a>
annotation	documentation Made out
source	<pre>&lt;xs:element name="MadeOut" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Made out&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Place"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Place on which the consignment note was made out&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="35"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Date" type="xs:date"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date at which the consignment note was made out.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <b>Place</b> </div> <p>Place on which the consignment note was made out</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
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>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>&lt;xs:element name="Place"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Place on which the consignment note was made out&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;</pre>									

	<pre> &lt;xs:maxLength value="35"/&gt; &lt;xs:minLength value="1"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **ConsignmentOrderMessage/COMS/COM/MadeOut/Date**

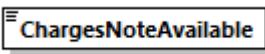
diagram	<p>Date at which the consignment note was made out.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
properties	content simple
annotation	documentation Date at which the consignment note was made out.
source	<pre> &lt;xs:element name="Date" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date at which the consignment note was made out.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

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

diagram	<p>Charges note</p> <p>ChargesNoteAvailable</p> <p>DateOfReturn</p> <p>Date, when the destination carrier sent the charges note back to the contractual carrier.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">ChargesNoteAvailable</a> <a href="#">DateOfReturn</a>
annotation	documentation Charges note
source	<pre> &lt;xs:element name="ChargesNote" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Charges note&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ChargesNoteAvailable" type="xs:boolean"/&gt;       &lt;xs:element name="DateOfReturn" type="xs:date" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date, when the destination carrier sent the </pre>

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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
source	<xs:element name="ChargesNoteAvailable" type="xs:boolean"/>

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

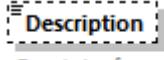
diagram	  Date, when the destination carrier sent the charges note back to the contractual carrier.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:date</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date, when the destination carrier sent the charges note back to the contractual carrier.
source	<pre>&lt;xs:element name="DateOfReturn" type="xs:date" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Date, when the destination carrier sent the charges note back to the contractual carrier.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	<pre> classDiagram     class CodeOfCause     class Description     class Place     class Beginning     class Ending      CodeOfCause "Code of reason for extension" --&gt;  Description : Description for CodeOfCause no. 9.     Description --&gt;  Place : Place of the extension.     Place --&gt;  Beginning : Beginning of the extension.     Beginning --&gt;  Ending : End of extension.      class TransitPeriodExtensions {         CodeOfCause         Description         Place         Beginning         Ending     }     "0..30" --&gt;  Description   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	<p>minOcc 0  maxOcc 30  content complex</p>
children	<a href="#">CodeOfCause</a> <a href="#">Description</a> <a href="#">Place</a> <a href="#">Beginning</a> <a href="#">Ending</a>
source	<pre> &lt;xs:element name="TransitPeriodExtensions" minOccurs="0" maxOccurs="30"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="CodeOfCause"/&gt;       &lt;xs:element name="Description" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Description for CodeOfCause no. 9.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="180"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Place"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Place of the extension.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="180"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Beginning"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Beginning of the extension.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:dateTime"/&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

	<pre> &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="Ending"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;End of extension.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Description**

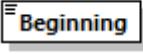
diagram	 <p>Description for CodeOfCause no. 9.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>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	<p>documentation</p> <p>Description for CodeOfCause no. 9.</p>									
source	<pre> &lt;xs:element name="Description" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description for CodeOfCause no. 9.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="180"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

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

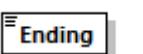
diagram	 <p>Place of the extension.</p>			
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>			
type	restriction of <b>xs:string</b>			
properties	content simple			
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> </table>	Kind	Value	Annotation
Kind	Value	Annotation		

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

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

diagram	 Beginning
	Beginning of the extension.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:dateTime</b>
properties	content simple
annotation	documentation Beginning of the extension.
source	<pre>&lt;xs:element name="Beginning"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Beginning of the extension.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	 Ending
	End of extension.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:dateTime</b>
properties	content simple
annotation	documentation End of extension.
source	<pre>&lt;xs:element name="Ending"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;End of extension.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;</pre>

	<pre>&lt;xs:restriction base="xs:dateTime"/&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	--

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

diagram	<p>Start [+] Start of the charging section</p> <p>End [+] End of the charging section</p> <p><b>CommercialRouteCode</b> [+] Route code (RIP) when the customer agreement or the tariff applied provide for it.</p> <p><b>CurrencyCode</b> [+] Code for the currency of the amounts entered in the charging section.</p> <p><b>Tariff</b> [+] Freight Charges Section Tariff</p> <p><b>AdditionalCharges</b> [+] 0..10</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 1 maxOcc 15 content complex
children	<a href="#">Start</a> <a href="#">End</a> <a href="#">CommercialRouteCode</a> <a href="#">CurrencyCode</a> <a href="#">Tariff</a> <a href="#">AdditionalCharges</a>
annotation	documentation Charging section
source	<pre>&lt;xs:element name="ChargingSections" maxOccurs="15"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Charging section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Start" type="LocationIdent"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Start of the charging section&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="End" type="LocationIdent"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;End of the charging section&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CommercialRouteCode" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Route code (RIP) when the customer agreement or</pre>

the tariff applied provide for it. </xs:documentation>

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</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="\d*[1-9]\d*"/>
  </xs:restriction>
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</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="NHCCode" type="NHCCodeType">
      <xs:annotation>
        <xs:documentation>NHC 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>
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        <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>
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          <xs:fractionDigits value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
<xs:element name="measure" minOccurs="0">

```

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

```
</xs:choice>
</xs:complexType>
</xs:element>
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    <xs:documentation>Supplements, fees,  
deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
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    </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: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>
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  </xs:complexType>
</xs:element>
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	<pre> &lt;/xs:element&gt; &lt;xs:choice&gt;     &lt;xs:element name="Prepaid" type="Money_Type"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Prepaid&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Transferred" type="Money_Type"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Transferred&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;     &lt;/xs:element&gt; &lt;/xs:choice&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Start of the charging section
source	<pre> &lt;xs:element name="Start" type="LocationIdent"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Start of the charging section&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

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

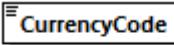
diagram	<pre> classDiagram     class LocationIdent {         &lt;&lt;Identifies a County or State by code (ISO 3166-1)&gt;&gt;         &lt;&lt;Location Name in an official language of the Country using the ISO Unicode alphabet&gt;&gt;         &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;     }     class End {         &lt;&lt;End of the charging section&gt;&gt;     }     LocationIdent "3" --&gt; CountryCodeISO :      LocationIdent "3" --&gt; LocationPrimaryCode :      LocationIdent "3" --&gt; PrimaryLocationName :      LocationIdent "3" --&gt; LocationSubsidiaryIdentification :      End --&gt; LocationIdent   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation End of the charging section
source	<pre> &lt;xss:element name="End" type="LocationIdent"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;End of the charging section&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt; &lt;/xss:element&gt;   </pre>

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

diagram	<pre> classDiagram     class CommercialRouteCode {         &lt;&lt;Route code (RIP) when the customer agreement or the tariff applied provide for it.&gt;&gt;     }   </pre>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:string</a>									
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>length</td><td>3</td><td></td></tr> <tr> <td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	length	3		pattern	\d*[1-9]\d*	
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> &lt;xss:element name="CommercialRouteCode" minOccurs="0"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Route code (RIP) when the customer agreement or the tariff applied provide for it. &lt;/xss:documentation&gt;   &lt;/xss:annotation&gt; &lt;/xss:element&gt;   </pre>									

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

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

diagram	 <p>Code for the currency of the amounts entered in the charging section.</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	<a href="#">CurrencyCode Type</a>						
properties	content simple						
facets	<table> <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	<p>documentation</p> <p>Code for the currency of the amounts entered in the charging section.</p>						
source	<pre> &lt;xs:element name="CurrencyCode" type="CurrencyCode_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code for the currency of the amounts entered in the charging section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>						

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

diagram	<pre> classDiagram     class Tariff {         &lt;&lt;Freight Charges Section Tariff&gt;&gt;     }     class NHMCode {         &lt;&lt;NHM code determining the charges applicable.&gt;&gt;     }     class TariffNumber {         &lt;&lt;Customer agreement or tariff applied&gt;&gt;     }     class ChargedMass {         &lt;&lt;Charged mass [weight in kg]. As appropriate, area in m<sup>2</sup> or the volume of the wagon or goods in m<sup>3</sup> if used as the basis for charging.&gt;&gt;     }     class ExchangeRate {         &lt;&lt;Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.&gt;&gt;     }     class Distance {         &lt;&lt;Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.&gt;&gt;     }     class Fee {         &lt;&lt;Supplements, fees, deductions&gt;&gt;     }     class FreightCharges {         &lt;&lt;Freight Charges (paid and due)&gt;&gt;     }      Tariff --&gt; NHMCode     Tariff --&gt; TariffNumber     Tariff --&gt; ChargedMass     Tariff --&gt; ExchangeRate     Tariff --&gt; Distance     Tariff --&gt; Fee     Tariff --&gt; FreightCharges   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">NHMCode</a> <a href="#">TariffNumber</a> <a href="#">ChargedMass</a> <a href="#">ExchangeRate</a> <a href="#">Distance</a> <a href="#">Fee</a> <a href="#">FreightCharges</a>
annotation	documentation Freight Charges Section Tariff
source	<pre> &lt;xss:element name="Tariff" minOccurs="0"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Freight Charges Section Tariff&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element name="NHMCode" type="NHMCodeType"&gt;         &lt;xss:annotation&gt;           &lt;xss:documentation&gt;NHM code determining the charges applicable.&lt;/xss:documentation&gt;         &lt;/xss:annotation&gt;       &lt;/xss:element&gt;       &lt;xss:element name="TariffNumber"&gt;     </pre>

```
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applied</xs:documentation>
</xs:annotation>
<xs:simpleType>
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    <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>
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            <xs:fractionDigits value="1"/>
          </xs:restriction>
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      </xs:element>
      <xs:element name="measure" minOccurs="0">
        <xs:simpleType>
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            <xs:enumeration value="m2"/>
            <xs:enumeration value="m3"/>
          </xs:restriction>
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consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
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      <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> &lt;xs:documentation&gt;Carriage charges to be paid by the consignee in the tariff currency.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:choice&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	--

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

diagram	 <p>NHM code determining the charges applicable.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">NHMCodeType</a>									
properties	content simple									
facets	<table> <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	<p>documentation</p> <p>NHM code determining the charges applicable.</p>									
source	<pre> &lt;xs:element name="NHMCode" type="NHMCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;NHM code determining the charges     applicable.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

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

diagram	 <p>Customer agreement or tariff applied</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:string</a>									
properties	content simple									
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>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	6	
Kind	Value	Annotation								
minLength	1									
maxLength	6									
annotation	<p>documentation</p> <p>Customer agreement or tariff applied</p>									
source	<pre> &lt;xs:element name="TariffNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customer agreement or tariff     applied&lt;/xs:documentation&gt;</pre>									

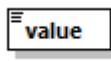
	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="6"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass**

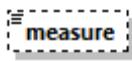
diagram	<p>Charged mass [weight in kg]. As appropriate, area in m<sup>2</sup> or the volume of the wagon or goods in m<sup>3</sup> if used as the basis for charging.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">value</a> <a href="#">measure</a>
annotation	<p>documentation</p> <p>Charged mass [weight in kg]. As appropriate, area in m<sup>2</sup> or the volume of the wagon or goods in m<sup>3</sup> if used as the basis for charging.</p>
source	<pre> &lt;xs:element name="ChargedMass" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Charged mass [weight in kg]. As appropriate, area in m<sup>2</sup> or the volume of the wagon or goods in m<sup>3</sup> if used as the basis for charging.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="value"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:totalDigits value="8"/&gt;             &lt;xs:fractionDigits value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="measure" minOccurs="0"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:enumeration value="kg"/&gt;             &lt;xs:enumeration value="m2"/&gt;             &lt;xs:enumeration value="m3"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
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element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/value**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:decimal</b>												
properties	content simple												
facets	<table> <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> &lt;xs:element name="value"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:totalDigits value="8"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

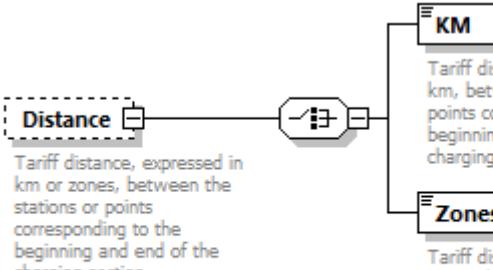
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/measure**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:token</b>												
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></td> </tr> </tbody> </table>	minOcc	0	Annotation	maxOcc	1		content	simple				
minOcc	0	Annotation											
maxOcc	1												
content	simple												
facets	<table> <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> &lt;xs:element name="measure" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="kg"/&gt;       &lt;xs:enumeration value="m2"/&gt;       &lt;xs:enumeration value="m3"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

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

diagram	 Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:decimal</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="ExchangeRate" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="18"/&gt;       &lt;xs:fractionDigits value="3"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	 Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">KM</a> <a href="#">Zones</a>
annotation	documentation Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.

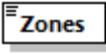
	the charging section.
source	<pre> &lt;xs:element name="Distance" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.&lt;/xs:documentation&gt;  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

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

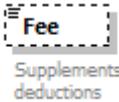
diagram	 <p>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:int</b>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="KM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

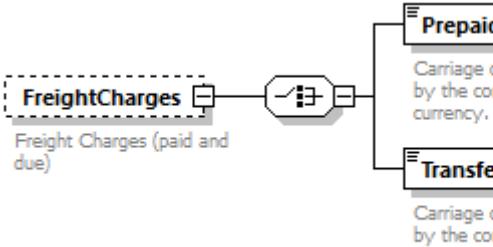
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/Zones**

diagram	 <p>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:int</b>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="Zones"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

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

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:int</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 totalDigits 4
annotation	documentation Supplements, fees, deductions
source	<pre>&lt;xs:element name="Fee" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Supplements, fees, deductions&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:totalDigits value="4"/&gt;       &lt;xs:minInclusive value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<u><a href="#">Prepaid</a></u> <u><a href="#">Transferred</a></u>
annotation	documentation Freight Charges (paid and due)
source	<pre>&lt;xs:element name="FreightCharges" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Freight Charges (paid and due)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:choice&gt;       &lt;xs:element name="Prepaid" type="Money_Type"&gt;         &lt;xs:annotation&gt;</pre>

	<pre> &lt;xs:documentation&gt;Carriage charges to be paid by the consignor in the tariff currency.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="Transferred" type="Money_Type"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Carriage charges to be paid by the consignee in the tariff currency.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:choice&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid**

diagram	<b>Prepaid</b> Carriage charges to be paid by the consignor in the tariff currency.									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">Money_Type</a>									
properties	content simple									
facets	<table> <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> &lt;xs:element name="Prepaid" type="Money_Type"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Carriage charges to be paid by the consignor in the tariff currency.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

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

diagram	<b>Transferred</b> Carriage charges to be paid by the consignee in the tariff currency.									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">Money_Type</a>									
properties	content simple									
facets	<table> <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.									

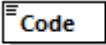
source	<pre>&lt;xs:element name="Transferred" type="Money_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Carriage charges to be paid by the consignee in the tariff currency.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges**

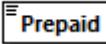
diagram	<pre> sequenceDiagram     participant AdditionalCharges     participant Code     participant Prepaid     participant Transferred      AdditionalCharges --&gt;0..10:      AdditionalCharges --&gt;Code     AdditionalCharges --&gt;Prepaid     AdditionalCharges --&gt;Transferred   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 10 content complex
children	<a href="#">Code</a> <a href="#">Prepaid</a> <a href="#">Transferred</a>
annotation	documentation Sum of Prepaid documentation Sum of Transferred
source	<pre>&lt;xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;     &lt;xs:documentation&gt;Sum of Prepaid&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Sum of Transferred&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Code"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional charges code&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="2"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:choice&gt;         &lt;xs:element name="Prepaid" type="Money_Type"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Prepaid&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Transferred" type="Money_Type"&gt;           &lt;xs:annotation&gt; </pre>

	<pre> &lt;xs:documentation&gt;Transferred&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:choice&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

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

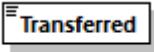
diagram	 Additional charges code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Additional charges code
source	<pre> &lt;xs:element name="Code"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional charges code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

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

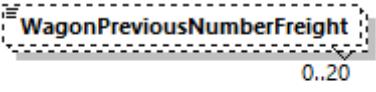
diagram	 Prepaid
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>Money_Type</b>
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Prepaid
source	<pre> &lt;xs:element name="Prepaid" type="Money_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Prepaid&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>

	<pre>&lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---

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

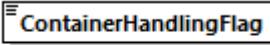
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">Money Type</a>
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Transferred
source	<pre>&lt;xs:element name="Transferred" type="Money_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Transferred&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	 Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">WagonIdent</a>
properties	minOcc 0 maxOcc 20 content simple
facets	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>&lt;xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="WagonIdent"&gt;       &lt;xs:length value="12"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **ContainerHandlingFlag**

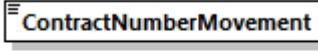
diagram	 <p>This establishment is able to handle container traffic</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation This establishment is able to handle container traffic
source	<pre>&lt;xs:element name="ContainerHandlingFlag" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This establishment is able to handle container traffic&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ContractNumber**

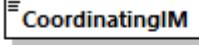
diagram	 <p>Number of agreement between LeadRU and Responsible RU</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>									
facets	<table> <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>&lt;xs:element name="ContractNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of agreement between LeadRU and Responsible RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if necessary)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:minLength&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

	<pre> &lt;/xs:minLength&gt; &lt;xs:maxLength value="6"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **ContractNumberMovement**

diagram	 <p>Identifies the contract between LeadRU and RU involved in the transport</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">FreeText</a>									
properties	content simple									
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>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	<p>documentation</p> <p>Identifies the contract between LeadRU and RU involved in the transport</p>									
source	<pre> &lt;xs:element name="ContractNumberMovement" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the contract between LeadRU and RU involved in the transport&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **CoordinatingIM**

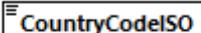
diagram	 <p>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	<a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a>												
facets	<table> <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	<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>

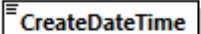
element **Core**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	content simple
used by	complexTypes <b>CompositIdentifierOperationalType CompositIdentifierPlannedType</b>
facets	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 determent by the company that creates it.
source	<xs:element name="Core"> <xs:annotation> <xs:documentation>It is the main part of identifier and is determent 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>

element **CountryCodeISO**

diagram	 <b>CountryCodeISO</b> Identifies a County or State by code (ISO 3166-1)									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	extension of <a href="#">CountryIdentISO</a>									
properties	content complex									
used by	elements <a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber</a> <a href="#">RollingRoadUnit/RollingRoadUnitDetails/Haulier_LocationFileDatasetMessage</a> <a href="#">RollingRoadUnit/RollingRoadUnitDetails/Vehicles</a> <a href="#">CustomerCode LocationIdent</a>									
facets	<table> <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 Identifies a County or State by code (ISO 3166-1)									
source	<pre>&lt;xs:element name="CountryCodeISO"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies a County or State by code (ISO 3166-1)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension base="CountryIdentISO"/&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>									

element **CreateDateTime**

diagram	 <b>CreateDateTime</b> Date and Time of creation of data
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:dateTime</a>
properties	content simple
annotation	documentation Date and Time of creation of data
source	<pre>&lt;xs:element name="CreateDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of creation of data &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Customer**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

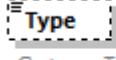
type	extension of <a href="#">CustomerCode</a>
properties	content complex
children	<a href="#">CountryCodeISO PrimaryCode AdditionalCode Type CustomerCode Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts ContractualCarrierCode</a>
used by	element <a href="#">WIMO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

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  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
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</xs:element>
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  </xs:annotation>
  <xs:simpleType>
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      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
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  </xs:annotation>
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    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
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    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Country" minOccurs="0">
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  </xs:annotation>
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    <xs:restriction base="xs:string">
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</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">
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    </xs:simpleType>
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    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xsmaxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
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        <xs:documentation>Contact information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
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                    <xs:documentation>Telephone Number</xs:documentation>
                </xs:annotation>
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    </xs:annotation>
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	<pre> &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	---

element **Customer/Type**

diagram	 <p>Customer Type: CR Consignor, CE Consignee</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:token</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration CR enumeration CE
annotation	documentation Customer Type: CR Consignor, CE Consignee
source	<pre> &lt;xs:element name="Type" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customer Type: CR Consignor, CE     Consignee&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="CR"/&gt;       &lt;xs:enumeration value="CE"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customer/CustomerCode**

diagram	 <p>CODE: Customer Code of the Contractual Carrier</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 16
annotation	documentation CODE: Customer Code of the Contractual Carrier
source	<pre> &lt;xs:element name="CustomerCode" minOccurs="0"&gt;</pre>

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

element **Customer/AdditionalInformation**

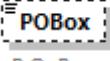
diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>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> &lt;xs:element name="AdditionalInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Information supplied by Customer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xsmaxLength value="45"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **Customer/VAT**

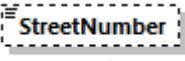
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation minLength 1 maxLength 25
annotation	documentation Value Added Tax
source	<pre>&lt;xs:element name="VAT" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Value Added Tax&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="25"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customer/POBox**

diagram	 P.O. Box
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation P.O. Box
source	<pre>&lt;xs:element name="POBox" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P.O. Box&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customer/StreetNumber**

diagram	 Street Number
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>

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

element **Customer/Street**

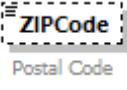
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<pre>&lt;xs:element name="Street" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Street&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customer/Country**

diagram	
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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 2
annotation	documentation Country Code ISO
source	<pre>&lt;xs:element name="Country" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Country Code ISO&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customer/ZIPCode**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre>&lt;xs:element name="ZIPCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Postal Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customer/City**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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>&lt;xs:element name="City" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;City / Town&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Customer/Signature**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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>&lt;xs:element name="Signature" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Signature&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Customer/Contacts**

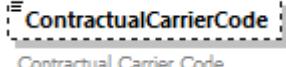
diagram	<pre> classDiagram     class Contacts {         &lt;&lt;Contact information&gt;&gt;     }     class PhonNumber {         &lt;&lt;Telephone Number&gt;&gt;     }     class FaxNumber {         &lt;&lt;Generic Fax number in Free text&gt;&gt;     }     class eMail {         &lt;&lt;Generic eMail address in Free text&gt;&gt;     }      Contacts "1" -- "*" PhonNumber :      Contacts "1" -- "*" FaxNumber :      Contacts "1" -- "*" eMail :   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">PhonNumber</a> <a href="#">FaxNumber</a> <a href="#">eMail</a>
annotation	documentation Contact information
source	<pre> &lt;xs:element name="Contacts" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Contact information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="PhonNumber" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Telephone Number&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="30"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="FaxNumber" minOccurs="0"/&gt;       &lt;xs:element ref="eMail" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **Customer/Contacts/PhonNumber**

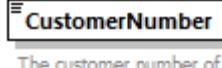
diagram	<pre> classDiagram     class PhonNumber {         &lt;&lt;Telephone Number&gt;&gt;     }      PhonNumber &lt; -- Customer/Contacts/PhonNumber   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1

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

element **Customer/ContractualCarrierCode**

diagram	 <p>Contractual Carrier Code</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:string</b>						
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> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>4</td> <td></td> </tr> </table>	Kind	Value	Annotation	length	4	
Kind	Value	Annotation					
length	4						
annotation	documentation Contractual Carrier Code						
source	<pre>&lt;xs:element name="ContractualCarrierCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Contractual Carrier Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						

element **CustomerNumber**

diagram	 <p>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAf elem...</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:string</b>									
properties	content simple									
used by	elements <b><a href="#">Customers LoadingFacility</a></b>									
facets	<table> <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	<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>&lt;xs:element name="CustomerNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAf element&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="16"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

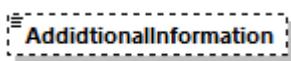
element **Customers**

diagram	<pre> graph LR     Customers[Customers] --- CustomerType[CustomerType]     subgraph CustomerType [CustomerType]         direction TB         CN[CustomerNumber] --- Name[Name]         NI[AdditionalInformation] --- VAT[VAT]         PO[POBox] --- SN[StreetNumber]         SN --- Street[Street]         Ctry[Country] --- ZIP[ZIPCode]         ZIP --- City[City]         City --- Sig[Signature]         Admin[AdministrativeContactInformation]     end     Customers --- Note[Information about the consignor, consignee and freight payers.]   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">CustomerType</a> <a href="#">CustomerNumber</a> <a href="#">Name</a> <a href="#">AdditionalInformation</a> <a href="#">VAT</a> <a href="#">POBox</a> <a href="#">StreetNumber</a> <a href="#">Street</a> <a href="#">Country</a> <a href="#">ZIPCode</a> <a href="#">City</a> <a href="#">Signature</a> <a href="#">AdministrativeContactInformation</a>
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM</a> <a href="#">WagonDeliveryNoticeMessage</a> <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonReleaseNoticeMessage</a>
annotation	documentation Information about the consignor, consignee and freight payers.
source	<pre> &lt;xs:element name="Customers"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information about the consignor, consignee and freight payers.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>

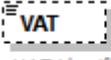
```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="CustomerType"/>
    <xs:element ref="CustomerNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>CustomerNumber</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="Name" minOccurs="0"/>
    <xs:element name="AddidtionalInformation" 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>
```

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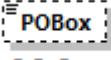
element **Customers/AddidtionalInformation**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1
source	<xs:element name="AddidtionalInformation" minOccurs="0"/>

element **Customers/VAT**

diagram	 VAT VAT identification Nr of customer
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 25
annotation	documentation VAT identification Nr of customer
source	<pre>&lt;xs:element name="VAT" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;VAT identification Nr of customer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="25"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customers/POBox**

diagram	 P.O. Box
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation P.O. Box
source	<pre>&lt;xs:element name="POBox" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P.O. Box&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **Customers/StreetNumber**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation House number
source	<pre>&lt;xs:element name="StreetNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;House number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="5"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customers/Street**

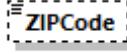
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<pre>&lt;xs:element name="Street" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Street&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:maxLength value="35"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **Customers/Country**

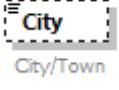
diagram	 <b>Country</b> Country Code (ISO Code)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#"><u>CountryIdentISO</u></a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre> &lt;xs:element name="Country" type="CountryIdentISO" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Country Code (ISO Code)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **Customers/ZIPCode**

diagram	 <b>ZIPCode</b> Postal Code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#"><u>xs:string</u></a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre> &lt;xs:element name="ZIPCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Postal Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **Customers/City**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<pre>&lt;xs:element name="City" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;City/Town&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customers/Signature**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Signature
source	<pre>&lt;xs:element name="Signature" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Signature&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;xs:maxLength value="35"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **DangerousGoodsIndication**

diagram	<p>The diagram illustrates the structure of the DangerousGoodsIndication element. It consists of a central yellow rectangular box labeled "DanGoodsType". Inside this box, there are several dashed-line boxes representing sub-elements: "HazardIdentificationNumber", "UN_Number", "DangerLabel", "RID_Class", "PackingGroup", "DangerousGoodsWeight", "DangerousGoodsVolume", and "LimitedQuantityIndicator". On the left side of the yellow box, there is a solid-line box labeled "DangerousGoodsIndication" with the text "Identifies dangerous goods" below it. A dashed line connects the "DangerousGoodsIndication" box to the "DanGoodsType" box.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	<a href="#">DanGoodsType</a>
properties	content complex
children	<a href="#">HazardIdentificationNumber</a> <a href="#">UN Number</a> <a href="#">DangerLabel</a> <a href="#">RID Class</a> <a href="#">PackingGroup</a> <a href="#">DangerousGoodsWeight</a> <a href="#">DangerousGoodsVolume</a> <a href="#">LimitedQuantityIndicator</a>
used by	elements <a href="#">WIMO Dataset/ConsignmentLevelData</a> <a href="#">PlannedTrainData</a> <a href="#">RID</a> <a href="#">WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a> <a href="#">WagonOperationalData</a>
annotation	documentation Identifies dangerous goods
source	<pre>&lt;xs:element name="DangerousGoodsIndication" type="DanGoodsType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element DangerousGoodsIndicator**

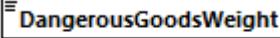
diagram	<p>The diagram shows a rectangular box with a double-line border. Inside, the text "DangerousGoodsIndicator" is written in a bold, dark blue font, preceded by a small icon.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:boolean</a>
properties	content simple
used by	element <a href="#">TrainRunningData</a>
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>&lt;xs:element name="DangerousGoodsIndicator" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element DangerousGoodsVolume**

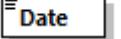
diagram	<p>The diagram shows a rectangular box with a double-line border. Inside, the text "DangerousGoodsVolume" is written in a bold, dark blue font, preceded by a small icon.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">VolumeValue</a>
properties	content simple

used by	element <a href="#">SummaryOfGoodsWithSameRID</a>
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre>&lt;xs:element name="DangerousGoodsVolume" type="VolumeValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The volume of the dangerous goods in cubic     meters&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element DangerousGoodsWeight**

diagram	 <b>DangerousGoodsWeight</b>  The weight of dangerous goods in kilograms
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">WeightValueKilo</a>
properties	content simple
used by	elements <a href="#">Wagons/GoodsInWagon/RID SummaryOfGoodsWithSameRID</a> complexType <a href="#">DanGoodsType</a>
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation The weight of dangerous goods in kilograms
source	<pre>&lt;xs:element name="DangerousGoodsWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The weight of dangerous goods in     kilograms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element Date**

diagram	 <b>Date</b>  Date
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:date</a>
properties	content simple
annotation	documentation Date
source	<pre>&lt;xs:element name="Date" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **DateLastOverhaul**

diagram	 <b>DateLastOverhaul</b>  Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:date</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
annotation	documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.
source	<pre>&lt;xs:element name="DateLastOverhaul" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **DateNextOverhaul**

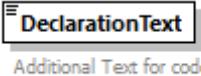
diagram	 <b>DateNextOverhaul</b>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:date</b>
properties	content simple
source	<pre>&lt;xs:element name="DateNextOverhaul" type="xs:date"/&gt;</pre>

element **DatePutIntoService**

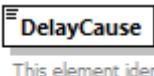
diagram	 <b>DatePutIntoService</b>  Original Date of first operation
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:date</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/AdministrativeDataSet</a>
annotation	documentation Original Date of first operation
source	<pre>&lt;xs:element name="DatePutIntoService" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Original Date of first operation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **DeclarationText**

diagram	 <p>Additional Text for codes with free text</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations</a> <a href="#">ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration</a>									
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>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	<p>documentation</p> <p>Additional Text for codes with free text</p>									
source	<pre>&lt;xs:element name="DeclarationText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **DelayCause**

diagram	 <p>This element identifies the reason for a delay (modified DelayReason)</p>																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																
type	<b>DelayCode</b>																
properties	content simple																
used by	elements <a href="#">DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus</a>																
facets	<table> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation</td> <td>Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation</td> <td>Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation</td> <td>Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation</td> <td>Wrong application of priority rules</td> </tr> </tbody> </table>	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	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>&lt;xs:element name="DelayCause" type="DelayCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the reason for a delay (modified DelayReason)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>	

element **DelayCauseTime**

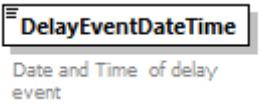
diagram	<pre> classDiagram     class DelayCauseTime {         &lt;&lt;Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)&gt;&gt;     }     class DelayCause {         &lt;&lt;Describes the reason for a delay&gt;&gt;     }     class DelayMinutes {         &lt;&lt;Identifies the delay (in minutes) of a train for a specified cause&gt;&gt;     }     class DelayEventDateTime {         &lt;&lt;Date and Time of delay event&gt;&gt;     }     class InternalReferenceIdentifier {         &lt;&lt;The link to the System Reference&gt;&gt;     }     class DelayCodingDateTime {         &lt;&lt;Date and Time of the coding of the delay&gt;&gt;     }     class Remarks {         &lt;&lt;Free Form Text&gt;&gt;     }      DelayCauseTime &lt; -- DelayEventReport     DelayCauseTime --&gt; DelayCause     DelayCauseTime --&gt; DelayMinutes     DelayCauseTime --&gt; DelayEventDateTime     DelayCauseTime --&gt; InternalReferenceIdentifier     DelayCauseTime --&gt; DelayCodingDateTime     DelayCauseTime --&gt; Remarks   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">DelayCause</a> <a href="#">DelayMinutes</a> <a href="#">DelayEventDateTime</a> <a href="#">InternalReferenceIdentifier</a> <a href="#">DelayCodingDateTime</a> <a href="#">Remarks</a>
used by	element <a href="#">DelayEventReport</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xsd:element name="DelayCauseTime"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;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)&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="DelayCause"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;Describes the reason for a delay&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;       &lt;/xsd:element&gt;       &lt;xsd:element ref="DelayMinutes"/&gt;       &lt;xsd:element ref="DelayEventDateTime"/&gt;       &lt;xsd:element ref="InternalReferenceIdentifier" minOccurs="0"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;The link to the System Reference&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;       &lt;/xsd:element&gt;       &lt;xsd:element ref="DelayCodingDateTime" minOccurs="0"&gt;         &lt;xsd:annotation&gt;   </pre>

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

element **DelayCodingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">DelayCauseTime</a>
annotation	documentation Date and Time of the coding of the delay
source	<pre> &lt;xs:element name="DelayCodingDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of the coding of the delay&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;</pre>

element **DelayEventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">DelayCauseTime</a>
annotation	documentation Date and Time of delay event
source	<pre> &lt;xs:element name="DelayEventDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of delay event &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;</pre>

element **DelayEventReport**

diagram	<pre> classDiagram     class DelayEventReport     class DelayLocation     class TrainLocationStatus     class DelayCauseTime     class BookedLocationDateTime     class ReferencedLocationDateTime      DelayEventReport "1..1" -- "0..1" DelayLocation     DelayEventReport "1..1" -- "0..1" TrainLocationStatus     DelayEventReport "1..1" -- "0..1" DelayCauseTime     DelayEventReport "1..1" -- "0..1" BookedLocationDateTime     DelayEventReport "1..1" -- "0..1" ReferencedLocationDateTime   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">DelayLocation</a> <a href="#">TrainLocationStatus</a> <a href="#">DelayCauseTime</a> <a href="#">BookedLocationDateTime</a> <a href="#">ReferencedLocationDateTime</a>
used by	element <a href="#">TrainDelayCauseMessage</a>
annotation	<p>documentation</p> <p>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</p>
source	<pre> &lt;xs:element name="DelayEventReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Provides the detailed information about a single delay event (Replaced DelayReasonReport)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="DelayLocation"/&gt;       &lt;xs:element ref="TrainLocationStatus"/&gt;       &lt;xs:element ref="DelayCauseTime"/&gt;       &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Scheduled Date and Time of a train at a specified location as defined in the path contract&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ReferencedLocationDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **DelayLocation**

diagram	<pre> classDiagram     class DelayLocation     class LocationIdent {         CountryCodeISO         LocationPrimaryCode         PrimaryLocationName         LocationSubsidiaryIdentification     }     DelayLocation --&gt; LocationIdent     </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	element <a href="#">DelayEventReport</a>
annotation	documentation Location where the Delay occurred
source	<pre> &lt;xs:element name="DelayLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Location where the Delay occurred&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **DelayMinutes**

diagram	<pre> classDiagram     class DelayMinutes {         &lt;!-- Identifies the delay (in minutes) of a train for a specified cause --&gt;     }     </pre>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">String1-5</a>									
properties	content simple									
used by	element <a href="#">DelayCauseTime</a>									
facets	<table> <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>5</td> <td></td> </tr> </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> &lt;xs:element name="DelayMinutes" type="String1-5"&gt;   &lt;xs:annotation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

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

element **DeliveryAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">Destination</a> <a href="#">DeliveryTimeAtDestination</a>
used by	element <a href="#">WagonDeliveryNoticeMessage</a>
annotation	<p>documentation</p> <p>Place, Date and Time when the wagon is ready to be picked up by the customer</p>
source	<pre>&lt;xs:element name="DeliveryAtDestination"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Place, Date and Time when the wagon is ready to be picked up by the customer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Destination"/&gt;       &lt;xs:element ref="DeliveryTimeAtDestination"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **DeliveryReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <a href="#">xs:string</a>									
properties	content simple									
used by	elements <a href="#">ILU Details</a> <a href="#">ITU Details</a> <a href="#">Wagons/WagonDetails</a>									
facets	<table> <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>30</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre>&lt;xs:element name="DeliveryReference"&gt;   &lt;xs:annotation/&gt;   &lt;xs:simpleType&gt;</pre>									

	<pre> &lt;xs:restriction base="xs:string"&gt;   &lt;xsmaxLength value="30"/&gt;   &lt;xsminLength value="1"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">DeliveryAtDestination</a>
annotation	<p>documentation</p> <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>
source	<pre> &lt;xs:element name="DeliveryTimeAtDestination" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">NextIntermediateDestination</a>
annotation	<p>documentation</p> <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>
source	<pre> &lt;xs:element name="DeliveryTimeAtInterchange" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

	responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element>
--	--

element **DepartureInterchangeReport**

diagram	<pre> classDiagram     class DepartureInterchangeReport {         &lt;&lt;Departure or interchange station ETI Origin&gt;&gt;     }     class Location {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;     }     class DepartureTimeAtLocation {         &lt;&lt;the scheduled departure date and time at a defined location&gt;&gt;     }     class TrainID {         &lt;&lt;TrainID&gt;&gt;     }      DepartureInterchangeReport "2" -- "1" Location :      DepartureInterchangeReport "2" -- "1" DepartureTimeAtLocation :      DepartureInterchangeReport "2" -- "0..1" TrainID :   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a> <a href="#">TrainID</a>
used by	element <a href="#">WagonETI ETA Message</a>
annotation	documentation Departure or interchange station ETI Origin
source	<pre> &lt;xs:element name="DepartureInterchangeReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Departure or interchange station ETI Origin&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="DepartureTimeAtLocation"/&gt;       &lt;xs:element ref="TrainID" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **DepartureJourneyTrack**

diagram	<pre> classDiagram     class DepartureJourneyTrack     class LocationIdent     class CountryCodeISO     class LocationPrimaryCode     class PrimaryLocationName     class LocationSubsidiaryIdentification      DepartureJourneyTrack "1..*" --&gt; LocationIdent     LocationIdent "1..*" --&gt; CountryCodeISO     LocationIdent "1..*" --&gt; LocationPrimaryCode     LocationIdent "1..*" --&gt; PrimaryLocationName     LocationIdent "1..*" --&gt; LocationSubsidiaryIdentification   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Indicates the track ID on which the train will start its journey.
source	<pre> &lt;xs:element name="DepartureJourneyTrack" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the track ID on which the train will start its journey.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>

element **DepartureTimeAtLocation**

diagram	<pre> classDiagram     class DepartureTimeAtLocation      DepartureTimeAtLocation "1..*" --&gt; "the scheduled departure date and time at a defined location"   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:dateTime</a>
properties	content simple
used by	<a href="#">DepartureInterchangeReport</a> <a href="#">WagonAtDeparture</a> <a href="#">WagonPickupAtOrigin</a> <a href="#">YardDeparture</a>
annotation	documentation the scheduled departure date and time at a defined location
source	<pre> &lt;xs:element name="DepartureTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;the scheduled departure date and time at a defined location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>

element **DepartureTrackAtLocation**

diagram	<p>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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	<p>documentation</p> <p>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>
source	<pre>&lt;xs:element name="DepartureTrackAtLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Destination**

diagram	<pre> classDiagram     class Destination {         &lt;&lt;Destination Location&gt;&gt;     }     class LocationIdent {         &lt;&lt;LocationIdent&gt;&gt;         CountryCodeISO         LocationPrimaryCode         PrimaryLocationName         LocationSubsidiaryIdentification     }     Destination "1" -- "1" LocationIdent     CountryCodeISO "Identifies a County or State by code (ISO 3166-1)"     PrimaryLocationName "Location Name in an official language of the Country using the ISO Unicode alphabet"     LocationSubsidiaryIdentification "Code, Name and allocation company of Subsidiary Location"   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><u>LocationIdent</u></a>
properties	content complex
children	<a href="#"><u>CountryCodeISO</u></a> <a href="#"><u>LocationPrimaryCode</u></a> <a href="#"><u>PrimaryLocationName</u></a> <a href="#"><u>LocationSubsidiaryIdentification</u></a>
used by	elements <a href="#"><u>ArrivalAtDestination</u></a> <a href="#"><u>WIMO Dataset/ConsignmentLevelData</u></a> <a href="#"><u>DeliveryAtDestination</u></a>
annotation	documentation Destination Location
source	<pre> &lt;xs:element name="Destination" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Destination Location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>

element **Dimensions**

diagram	<pre> classDiagram     class Dimensions {         &lt;&lt;Dimensions of the UTI.&gt;&gt;     }     class LengthCode {         &lt;&lt;LengthCode&gt;&gt;         Length         Width         Height     }     Dimensions "1" -- "1" LengthCode     Length "Length of ITU."     Width "Width of ITU"     Height "Height of ITU"   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#"><u>LengthCode</u></a> <a href="#"><u>Length</u></a> <a href="#"><u>Width</u></a> <a href="#"><u>Height</u></a>

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

## element Dimensions/LengthCode

diagram	 <p>Length code according to UIC leaflet 592-2</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:int</a>									
properties	content simple									
facets	<table> <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	<p>documentation Length code according to UIC leaflet 592-2</p> <p>documentation CODE: UIC leaflet 592-2</p>									
source	<pre>&lt;xs:element name="LengthCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length code according to UIC leaflet 592-2&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: UIC leaflet 592-2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;</pre>									

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

element **DwellTime**

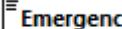
diagram	 <b>DwellTime</b> The minimum duration of dwell time expressed in minutes						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:decimal</b>						
properties	content simple						
used by	element <a href="#">TimingAtLocation</a>						
facets	<table> <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> &lt;xs:element name="DwellTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The minimum duration of dwell time expressed in minutes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

element **eMail**

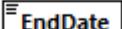
diagram	 <b>eMail</b> Generic eMail address in Free text									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">CommunicationRefID</a>									
properties	content simple									
used by	elements <a href="#">AdministrativeContactInformation Customer/Contacts</a>									
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>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> &lt;xs:element name="eMail" type="CommunicationRefID"&gt; </pre>									

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

element **EmergencyBrakeOverride**

diagram	 <b>EmergencyBrakeOverride</b> Ability of the whole train (all wagons and traction units) to override the emergency brake signal
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal
source	<pre>&lt;xs:element name="EmergencyBrakeOverride" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Ability of the whole train (all wagons and traction units) to override the emergency brake signal&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **EndDate**

diagram	 <b>EndDate</b> The end date/time in effect
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
properties	content simple
annotation	documentation The end date/time in effect
source	<pre>&lt;xs:element name="EndDate" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The end date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **EndDateTime**

diagram	 <b>EndDateTime</b> The end date/time in effect
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	<code>xs:dateTime</code>
properties	content simple
used by	elements <a href="#">RequestedPeriod</a> <a href="#">RequestedTimeframe</a> <a href="#">ValidityPeriod</a>
annotation	documentation The end date/time in effect
source	<pre>&lt;xs:element name="EndDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The end date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **EndLocation**

diagram	<pre> classDiagram     class EndLocation     class LocationIdent     class CountryCodeISO     class LocationPrimaryCode     class PrimaryLocationName     class LocationSubsidiaryIdentification      EndLocation "1" -- "1" LocationIdent     LocationIdent "*" -- "*" CountryCodeISO     LocationIdent "*" -- "*" LocationPrimaryCode     LocationIdent "*" -- "*" PrimaryLocationName     LocationIdent "*" -- "*" LocationSubsidiaryIdentification   </pre> <p>The diagram illustrates the structure of the <code>EndLocation</code> element. It is defined as a child of the <code>LocationIdent</code> type. The <code>LocationIdent</code> type is represented by a yellow dashed box containing four objects: <code>CountryCodeISO</code>, <code>LocationPrimaryCode</code>, <code>PrimaryLocationName</code>, and <code>LocationSubsidiaryIdentification</code>. The <code>EndLocation</code> element is associated with the <code>LocationIdent</code> type via a multiplicity of 1 to 1. The <code>LocationIdent</code> type is associated with each of the four objects via a multiplicity of * to *. The <code>CountryCodeISO</code> object identifies a County or State by code (ISO 3166-1). The <code>LocationPrimaryCode</code> object identifies the primary location. The <code>PrimaryLocationName</code> object provides the location name in the official language of the country using the ISO Unicode alphabet. The <code>LocationSubsidiaryIdentification</code> object provides the code, name, and allocation company of the subsidiary location.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation End point of a section or segment
source	<pre>&lt;xs:element name="EndLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;End point of a section or segment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ErrorMessage**

diagram	<pre> classDiagram     class ErrorMessage {         &lt;&lt;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.&gt;&gt;     }     class MessageHeader     class MessageStatus     class AdministrativeContactInformation     class ErrorCauseReference {         &lt;&lt;The reference to the message and its particular element(s) that caused the error is provided here&gt;&gt;         &lt;&lt;1..&gt;&gt;         &lt;&lt;Error&gt;&gt;         &lt;&lt;PlannedTransportIdentifiers&gt;&gt;         &lt;&lt;TransportOperationalIdentifiers&gt;&gt;     }     class Error {         &lt;&lt;1..&gt;&gt;     }     class PlannedTransportIdentifiers {         &lt;&lt;0..&gt;&gt;     }     class TransportOperationalIdentifiers {         &lt;&lt;0..&gt;&gt;     }      ErrorMessage --&gt; MessageHeader     ErrorMessage --&gt; MessageStatus     ErrorMessage --&gt; AdministrativeContactInformation     ErrorMessage --&gt; ErrorCauseReference     ErrorCauseReference --&gt; Error     ErrorCauseReference --&gt; PlannedTransportIdentifiers     ErrorCauseReference --&gt; TransportOperationalIdentifiers   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">AdministrativeContactInformation</a> <a href="#">ErrorCauseReference</a> <a href="#">Error</a> <a href="#">PlannedTransportIdentifiers</a> <a href="#">TransportOperationalIdentifiers</a>
annotation	<p>documentation</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>
source	<pre> &lt;xsd:element name="ErrorMessage"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;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.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="MessageHeader"/&gt;       &lt;xsd:element ref="MessageStatus"/&gt;       &lt;xsd:element ref="AdministrativeContactInformation"/&gt;       &lt;xsd:element name="ErrorCauseReference" minOccurs="0"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;The reference to the message and its particular element(s) that caused the error is provided here&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;         &lt;xsd:complexType&gt;           &lt;xsd:sequence&gt;             &lt;xsd:element ref="MessageReference"/&gt;             &lt;xsd:element name="MessageSenderReference" type="FreeText"/&gt;           &lt;/xsd:sequence&gt;         &lt;/xsd:complexType&gt;       &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

	<pre>       minOccurs="0"/&gt;     </pre> <p>&lt;/xs:sequence&gt;</p> <p>&lt;/xs:complexType&gt;</p> <p>&lt;/xs:element&gt;</p> <p>&lt;xs:element name="Error" maxOccurs="unbounded"&gt;</p> <p>&lt;xs:complexType&gt;</p> <p>&lt;xs:sequence&gt;</p> <p>&lt;xs:element name="TagReference" type="xs:string" minOccurs="0"&gt;</p> <p>&lt;xs:annotation&gt;</p> <p>&lt;xs:documentation&gt;This is a placeholder for XPath expression indicating the element of the original message which caused the error.&lt;/xs:documentation&gt;</p> <p>&lt;/xs:annotation&gt;</p> <p>&lt;/xs:element&gt;</p> <p>&lt;xs:element name="TypeOfError"&gt;</p> <p>&lt;xs:annotation&gt;</p> <p>&lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;</p> <p>&lt;/xs:annotation&gt;</p> <p>&lt;xs:simpleType&gt;</p> <p>&lt;xs:restriction base="xs:integer"&gt;</p> <p>&lt;xs:enumeration value="0"/&gt;</p> <p>&lt;xs:enumeration value="1"/&gt;</p> <p>&lt;xs:enumeration value="2"/&gt;</p> <p>&lt;/xs:restriction&gt;</p> <p>&lt;/xs:simpleType&gt;</p> <p>&lt;/xs:element&gt;</p> <p>&lt;xs:element name="Severity"&gt;</p> <p>&lt;xs:annotation&gt;</p> <p>&lt;xs:documentation&gt;1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.&lt;/xs:documentation&gt;</p> <p>&lt;/xs:annotation&gt;</p> <p>&lt;xs:simpleType&gt;</p> <p>&lt;xs:restriction base="xs:integer"&gt;</p> <p>&lt;xs:enumeration value="1"/&gt;</p> <p>&lt;xs:enumeration value="2"/&gt;</p> <p>&lt;xs:enumeration value="3"/&gt;</p> <p>&lt;xs:enumeration value="4"/&gt;</p> <p>&lt;/xs:restriction&gt;</p> <p>&lt;/xs:simpleType&gt;</p> <p>&lt;/xs:element&gt;</p> <p>&lt;xs:element name="ErrorCode"&gt;</p> <p>&lt;xs:annotation&gt;</p> <p>&lt;xs:documentation&gt;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. "&lt;/xs:documentation&gt;</p> <p>&lt;/xs:annotation&gt;</p> <p>&lt;xs:simpleType&gt;</p> <p>&lt;xs:restriction base="xs:integer"&gt;</p> <p>&lt;xs:minInclusive value="1"/&gt;</p> <p>&lt;xs:maxInclusive value="9999"/&gt;</p> <p>&lt;/xs:restriction&gt;</p> <p>&lt;/xs:simpleType&gt;</p>
--	---

	<pre> &lt;/xs:element&gt; &lt;xs:element ref="FreeTextField"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **ErrorMessage/ErrorCauseReference**

diagram	<p>The reference to the message and its particular element(s) that caused the error is provided here</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">MessageReference</a> <a href="#">MessageSenderReference</a>
annotation	documentation The reference to the message and its particular element(s) that caused the error is provided here
source	<pre> &lt;xs:element name="ErrorCauseReference" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The reference to the message and its particular element(s) that caused the error is provided here&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageReference"/&gt;       &lt;xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **ErrorMessage/ErrorCauseReference/MessageSenderReference**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/>

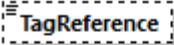
element **ErrorMessage/Error**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 1 maxOcc unbounded content complex
children	<a href="#">TagReference</a> <a href="#">TypeOfError</a> <a href="#">Severity</a> <a href="#">ErrorCode</a> <a href="#">FreeTextField</a>
source	<pre>&lt;xs:element name="Error" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TagReference" type="xs:string" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;This is a placeholder for XPath expression indicating the element of the original message which caused the error.&lt;/xs:documentation&gt;</pre>

```

        </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 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>
    <xs:element name="Severity">
        <xs:annotation>
            <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL
The senders and receivers should agree about the severity levels and their
interpretation: should the process stop, should the message be resent
etc.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:integer">
                <xs:enumeration value="1"/>
                <xs:enumeration value="2"/>
                <xs:enumeration value="3"/>
                <xs:enumeration value="4"/>
            </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>
```

element **ErrorMessage/Error/TagReference**

diagram	 This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.
source	<pre>&lt;xs:element name="TagReference" type="xs:string" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ErrorMessage/Error/TypeOfError**

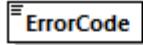
diagram	 It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:integer</b>
properties	content simple
facets	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 bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)
source	<pre>&lt;xs:element name="TypeOfError"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:enumeration value="2"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **ErrorMessage/Error/Severity**

diagram	<p>1 = WARNING 2 = FATAL      3 = SEVER 4 =      SEVER-FATAL The senders      and receivers should agree      about the severity levels and      their interpretation: should      the process stop, should the      message be resent etc.</p>															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:integer</b>															
properties	content simple															
facets	<table> <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> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4	
Kind	Value	Annotation														
enumeration	1															
enumeration	2															
enumeration	3															
enumeration	4															
annotation	<p>documentation</p> <p>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</p>															
source	<pre> &lt;xs:element name="Severity"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The      senders and receivers should agree about the severity levels and their      interpretation: should the process stop, should the message be resent      etc.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction base="xs:integer"&gt;         &lt;xs:enumeration value="1"/&gt;         &lt;xs:enumeration value="2"/&gt;         &lt;xs:enumeration value="3"/&gt;         &lt;xs:enumeration value="4"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>															

element **ErrorMessage/Error/ErrorCode**

diagram										
	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."									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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	<p>documentation</p> <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>									
source	<pre>&lt;xs:element name="ErrorCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. "&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **EstimatedEndDateTime**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
source	<pre>&lt;xs:element name="EstimatedEndDateTime" type="xs:dateTime"/&gt;</pre>

element **ExceptionalGaugingCode**

diagram	
	Acceptance agreement number, based on guidelines of IM_Partner
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">ExceptionalGaugingIdent</a>									
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>24</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	<p>documentation</p> <p>Acceptance agreement number, based on guidelines of IM_Partner</p>									
source	<pre>&lt;xs:element name="ExceptionalGaugingCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Acceptance agreement number, based on guidelines of IM_Partner&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="24"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **ExceptionalGaugingIdent**

diagram	<pre> classDiagram     class ExceptionalGaugingIdent     class IM_Partner {         Infrastructure Manager     }     class ExceptionalGaugingCode      ExceptionalGaugingIdent --o IM_Partner     ExceptionalGaugingIdent --o ExceptionalGaugingCode      Note over ExceptionalGaugingIdent: Indicates that an exceptional Gauging is in the train or for the wagon     Note over IM_Partner: Infrastructure Manager     Note over ExceptionalGaugingCode: Acceptance agreement number, based on guidelines of IM_Partner   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">IM_Partner</a> <a href="#">ExceptionalGaugingCode</a>
used by	<a href="#">PlannedTrainData</a> <a href="#">WagonOperationalData</a>
annotation	<p>documentation</p> <p>Indicates that an exceptional Gauging is in the train or for the wagon</p>
source	<pre>&lt;xs:element name="ExceptionalGaugingIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates that an exceptional Gauging is in the train or for the wagon   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="IM_Partner"/&gt;       &lt;xs:element ref="ExceptionalGaugingCode"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ExceptionalGaugingInd**

diagram	 <b>ExceptionalGaugingInd</b> Indicates that an exceptional gauging is in the train or for the wagon - (true/false)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">TrainRunningData</a>
annotation	documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false)
source	<pre>&lt;xs:element name="ExceptionalGaugingInd" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates that an exceptional gauging is in the train or for the wagon - (true/false)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ExceptionalGaugingProfile**

diagram	 <b>ExceptionalGaugingProfile</b> Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">WagonOperationalData</a>									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>7</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	7		maxLength	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>&lt;xs:element name="ExceptionalGaugingProfile"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="7"/&gt;       &lt;xs:maxLength value="7"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **ExceptionPoint**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">ResponsibleRU</a> <a href="#">WagonLocationStatus</a> <a href="#">ScheduledTimeAtLocation</a> <a href="#">ExceptionTimeAtLocation</a>
used by	element <a href="#">WagonExceptionReport</a>
annotation	<p>documentation</p> <p>Describes the interruption points with location and the time of the interruption</p>
source	<pre>&lt;xs:element name="ExceptionPoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the interruption points with location and the time of the interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="ResponsibleRU"/&gt;       &lt;xs:element ref="WagonLocationStatus"/&gt;       &lt;xs:element ref="ScheduledTimeAtLocation"/&gt;       &lt;xs:element ref="ExceptionTimeAtLocation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ExceptionReason**

diagram	<p>The diagram illustrates the structure of the <b>ExceptionReason</b> element. It is represented as a composite element with three children: <b>WagonInterruptionReason</b>, <b>InterruptionDescription</b>, and <b>InterruptionType</b>. <b>WagonInterruptionReason</b> is shown as a dashed box containing a list of enumeration values. <b>InterruptionDescription</b> is described as "The free text description of an interruption". <b>InterruptionType</b> is also shown as a dashed box.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">WagonInterruptionReason</a> <a href="#">InterruptionDescription</a> <a href="#">InterruptionType</a>
used by	element <a href="#">WagonExceptionReport</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xs:element name="ExceptionReason"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="WagonInterruptionReason" minOccurs="0"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:enumeration value="wagon damaged"/&gt;             &lt;xs:enumeration value="change of route"/&gt;             &lt;xs:enumeration value="other"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="InterruptionDescription" minOccurs="0"/&gt;       &lt;xs:element name="InterruptionType" minOccurs="0"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:length value="1"/&gt;             &lt;xs:enumeration value="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Damage does not cause an interruption of transport run&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="1"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Damage causes an interruption of transport run&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="2"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;other (no damage)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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element **ExceptionReason/WagonInterruptionReason**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of <b>xs:token</b>												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table> <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>&lt;xs:element name="WagonInterruptionReason" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="wagon damaged"/&gt;       &lt;xs:enumeration value="change of route"/&gt;       &lt;xs:enumeration value="other"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

element **ExceptionReason/InterruptionType**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of <b>xs:token</b>															
properties	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>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>&lt;xs:element name="InterruptionType" minOccurs="0"&gt;   &lt;xs:simpleType&gt;</pre>															

	<pre> &lt;xs:restriction base="xs:token"&gt;   &lt;xs:length value="1"/&gt;   &lt;xs:enumeration value="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Damage does not cause an interruption of transport run&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Damage causes an interruption of transport run&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="2"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;other (no damage)&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **ExceptionTimeAtLocation**

diagram	 <b>ExceptionTimeAtLocation</b> <p>The Date and Time when something unexpected happens during the transportation related to a location</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">ExceptionPoint</a>
annotation	documentation The Date and Time when something unexpected happens during the transportation related to a location
source	<pre> &lt;xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The Date and Time when something unexpected happens during the transportation related to a location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **FaxNumber**

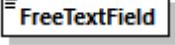
diagram	 <b>FaxNumber</b> <p>Generic Fax number in Free text</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CommunicationRefID</a>

properties	content simple
used by	elements <a href="#">AdministrativeContactInformation Customer/Contacts</a>
facets	Kind Value Annotation minLength 1 maxLength 70
annotation	documentation Generic Fax number in Free text
source	<pre>&lt;xs:element name="FaxNumber" type="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic Fax number in Free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **FerryPermittedFlag**

diagram	 <b>FerryPermittedFlag</b>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
source	<pre>&lt;xs:element name="FerryPermittedFlag" type="xs:boolean"/&gt;</pre>

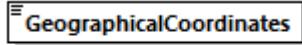
element **FreeTextField**

diagram	 <b>FreeTextField</b> Free Text
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>FreeText</b>
properties	content simple
used by	elements <a href="#">AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage</a> <a href="#">PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage</a> <a href="#">PathRequestMessage PlannedJourneyLocation</a> <a href="#">TrainActivityType</a>
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Text
source	<pre>&lt;xs:element name="FreeTextField" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Free Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **FreightFlag**

diagram	 Identifies that the Entity or Location is for Freight Activity
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation Identifies that the Entity or Location is for Freight Activity
source	<pre>&lt;xs:element name="FreightFlag" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies that the Entity or Location is for Freight Activity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **GeographicalCoordinates**

diagram	 Longitude and latitude as defined in UIC Leafle 920-2
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:string</b>
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leafle 920-2
source	<pre>&lt;xs:element name="GeographicalCoordinates" type="xs:string"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Longitude and latitude as defined in UIC Leafle 920-2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **GeographicCoordinates**

diagram	<p><b>GeographicCoordinates</b> Latitude and Longitude of location</p> <ul style="list-style-type: none"> <li><b>Latitude</b>: SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</li> <li><b>Longitude</b>: If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</li> <li><b>Altitude</b>: Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</li> <li><b>SRID</b>: ID of coordinates system used (EPSG code)</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Latitude</a> <a href="#">Longitude</a> <a href="#">Altitude</a> <a href="#">SRID</a>
used by	elements <a href="#">GNSS</a> <a href="#">DynamicPosition</a> <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a>
annotation	<p>documentation</p> <p>Latitude and Longitude of location</p>
source	<pre> &lt;xs:element name="GeographicCoordinates"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Latitude and Longitude of location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Latitude"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Longitude"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Altitude" minOccurs="0"/&gt;       &lt;xs:element ref="SRID" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **GeoLocalisation**

diagram	<p><b>GeoLocalisation</b>      Geolocalisation that may be between two identified locations.</p> <p><b>GNSS_DynamicPosition</b>      Precision of the position. Expressed in metres.</p> <p><b>LocalisationPrecision</b></p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">GNSS DynamicPosition LocalisationPrecision</a>
used by	element <a href="#">GeoLocalisationOnNetwork</a>
annotation	<p>documentation</p> <p>Geolocalisation that may be between two identified locations.</p>
source	<pre>&lt;xs:element name="GeoLocalisation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Geolocalisation that may be between two identified locations. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="GNSS_DynamicPosition"/&gt;       &lt;xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Precision of the position. Expressed in metres.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **GeoLocalisation/LocalisationPrecision**

diagram	<p><b>LocalisationPrecision</b></p> <p>Precision of the position. Expressed in metres.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:float</b>
properties	<p>minOcc 0</p> <p>maxOcc 1</p> <p>content simple</p>
annotation	<p>documentation</p> <p>Precision of the position. Expressed in metres.</p>
source	<pre>&lt;xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Precision of the position. Expressed in metres.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **GeoLocalisationOnNetwork**

diagram	<p><b>GeoLocalisationOnNetwork</b></p> <p>Geolocation information crossed with network data.</p>	<b>GeoLocalisation</b> Geolocation that may be between two identified locations.	<b>NetworkProjectedLocation</b> Projection of a geographical position on a network line.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>		
properties	content complex		
children	<a href="#">GeoLocalisation</a> <a href="#">NetworkProjectedLocation</a>		
used by	<a href="#">TrainLocationReport</a>		
annotation	documentation Geolocation information crossed with network data.		
source	<pre>&lt;xs:element name="GeoLocalisationOnNetwork"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Geolocation information crossed with network data.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="GeoLocalisation" minOccurs="0"/&gt;       &lt;xs:element ref="NetworkProjectedLocation" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>		

element **GNSS\_DynamicPosition**

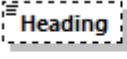
diagram	<p><b>GNSS_DynamicPosition</b></p>	<b>GeographicCoordinates</b> Latitude and Longitude of location	<b>CurrentSpeed</b>
		<b>Heading</b> Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)	<b>AntennaDistanceFromFrontOfTrain</b> Distance of GNSS antenna from the front of the train, in meters.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>		
properties	content complex		

children	<a href="#">GeographicCoordinates</a> <a href="#">CurrentSpeed</a> <a href="#">Heading</a> <a href="#">AntennaDistanceFromFrontOfTrain</a>
used by	element <a href="#">GeoLocalisation</a>
source	<pre>&lt;xs:element name="GNSS_DynamicPosition"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="GeographicCoordinates"/&gt;       &lt;xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/&gt;       &lt;xs:element name="Heading" type="xs:integer" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Distance of GNSS antenna from the front of the train, in meters.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **GNSS\_DynamicPosition/CurrentSpeed**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Speed</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
source	<pre>&lt;xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/&gt;</pre>

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:integer</a>

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	<pre>&lt;xs:element name="Heading" type="xs:integer" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **GNSS\_DynamicPosition/AntennaDistanceFromFrontOfTrain**

diagram	 <p>Distance of GNSS antenna from the front of the train, in meters.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:float</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Distance of GNSS antenna from the front of the train, in meters.
source	<pre>&lt;xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Distance of GNSS antenna from the front of the train, in meters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Goods**

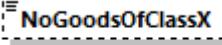
diagram	<pre> classDiagram     class Goods {         &lt;&lt;Describes the goods inside the means of transport&gt;&gt;     }     class NoGoodsOfClassX {         &lt;&lt;Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)&gt;&gt;     }     class RID {         &lt;&lt;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&gt;&gt;     }     class Packing {         &lt;&lt;Packing information&gt;&gt;     }     class NHM_Code {         &lt;&lt;NHM code of the goods&gt;&gt;     }     class PreviousLoadedGood     class GoodsDescription {         &lt;&lt;This element describes the goods of the shipment as free text&gt;&gt;     }     class AdditionalGoodInformation {         &lt;&lt;Additional information regarding the loaded good, given by the customer.&gt;&gt;     }     class GrossWeight {         &lt;&lt;Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing&gt;&gt;     }     class HS_Code {         &lt;&lt;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.&gt;&gt;     }     class EWC_Key {         &lt;&lt;Numeric key according to the European Waste Catalogue&gt;&gt;     }     Goods --&gt; NoGoodsOfClassX     Goods --&gt; RID     Goods --&gt; Packing     Goods --&gt; NHM_Code     Goods --&gt; PreviousLoadedGood     Goods --&gt; GoodsDescription     Goods --&gt; AdditionalGoodInformation     Goods --&gt; GrossWeight     Goods --&gt; HS_Code     Goods --&gt; EWC_Key   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">NoGoodsOfClassX RID</a> <a href="#">Packing</a> <a href="#">NHM Code</a> <a href="#">PreviousLoadedGood</a> <a href="#">GoodsDescription</a> <a href="#">AdditionalGoodInformation</a> <a href="#">GrossWeight</a> <a href="#">HS Code</a> <a href="#">EWC Key</a>
used by	elements <a href="#">WIMO Dataset</a> / <a href="#">ConsignmentLevelData</a> <a href="#">ILU</a> <a href="#">ITU</a> <a href="#">RollingRoadUnit</a>
annotation	documentation Describes the goods inside the means of transport
source	<pre> &lt;xs:element name="Goods"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the goods inside the means of transport&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NoGoodsOfClassX" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="4"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="RID" minOccurs="0"/&gt;       &lt;xs:element name="Packing" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Packing information&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="NatureOfPacking" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommendation No 21&lt;/xs:documentation&gt;                 &lt;xs:documentation&gt;CODE: UN/ECE-Recommendation No. 21&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:maxLength value="2"/&gt;                   &lt;xs:minLength value="1"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;xs:element name="NumberOfPackages" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:int"&gt;                   &lt;xs:minInclusive value="1"/&gt;                   &lt;xs:maxInclusive value="99999"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

```
</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"/>
<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>
```

	<pre> &lt;xs:restriction base="xs:string"&gt;   &lt;xs:minLength value="2"/&gt;   &lt;xs:maxLength value="6"/&gt;   &lt;xs:pattern value="\d*"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **Goods/NoGoodsOfClassX**

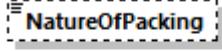
diagram	 <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
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> <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>4</td><td></td></tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	<p>documentation</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>									
source	<pre> &lt;xs:element name="NoGoodsOfClassX" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **Goods/Packing**

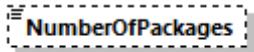
diagram	<pre> classDiagram     class Packing {         &lt;&lt;Packing information&gt;&gt;     }     class NatureOfPacking {         &lt;&lt;Nature of packing according to the UN/ECE Recommendation No 21&gt;&gt;     }     class NumberOfPackages {         &lt;&lt;Number of packages.&gt;&gt;     }     class PackageIdentification {         &lt;&lt;Particular marks and numbers to identify less than wagon load assignments.&gt;&gt;     }      Packing "0..1" --&gt; "0..1" NatureOfPacking     Packing "0..1" --&gt; "0..1" NumberOfPackages     Packing "0..1" --&gt; "0..99" PackageIdentification   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">NatureOfPacking</a> <a href="#">NumberOfPackages</a> <a href="#">PackageIdentification</a>
annotation	documentation Packing information
source	<pre> &lt;xs:element name="Packing" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Packing information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NatureOfPacking" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommendation No 21&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;CODE: UN/ECE-Recommendation No. 21&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="2"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="NumberOfPackages" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:maxInclusive value="99999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Particular marks and numbers to identify less than wagon load assignments.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

	<pre> than wagon load assignments.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="35"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	---

**element Goods/Packing/NatureOfPacking**

diagram	 <p>Nature of packing according to the UN/ECE Recommandation No 21</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Nature of packing according to the UN/ECE Recommandation No 21 documentation CODE: UN/ECE-Recommandation No. 21
source	<pre> &lt;xs:element name="NatureOfPacking" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommandation No 21&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: UN/ECE-Recommandation No. 21&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element Goods/Packing/NumberOfPackages**

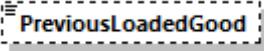
diagram	 <p>Number of packages.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:int</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Number of packages.
source	<pre>&lt;xs:element name="NumberOfPackages" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Goods/Packing/Packageldentification**

diagram	 Particular marks and numbers to identify less than wagon load assignments.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Particular marks and numbers to identify less than wagon load assignments.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="35"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Goods/PreviousLoadedGood**

diagram	 <b>PreviousLoadedGood</b>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">NHMCodeType</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<code>&lt;xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/&gt;</code>

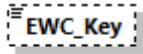
element **Goods/AdditionalGoodInformation**

diagram	 <b>AdditionalGoodInformation</b>  Additional information regarding the loaded good, given by the customer.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">xs:string</a>
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	<code>&lt;xs:element name="AdditionalGoodInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information regarding the loaded good,     given by the customer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</code>

element **Goods/HS\_Code**

diagram													
	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.												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:string</b>												
properties	<p>minOcc 0      maxOcc 1      content simple</p>												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <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> </tbody> </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	<p>documentation</p> <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>												
source	<pre>&lt;xs:element name="HS_Code" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="6"/&gt;       &lt;xs:maxLength value="10"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

element **Goods/EWC\_Key**

diagram										
	Numeric key according to the European Waste Catalogue									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	<p>minOcc 0      maxOcc 1      content simple</p>									
facets	<table> <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> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	6	
Kind	Value	Annotation								
minLength	2									
maxLength	6									

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

**element GoodsDescription**

diagram	 <p>This element describes the goods of the shipment as free text</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	elements <a href="#">Goods Wagons/GoodsInWagon</a>									
facets	<table> <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	<p>documentation            This element describes the goods of the shipment as free text</p>									
source	<pre>&lt;xs:element name="GoodsDescription" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element describes the goods of the shipment as free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **GoodsInWagon**

diagram	<pre> classDiagram     class GoodsInWagon {         &lt;&lt;Goods&gt;&gt;     }     class NHM_Code {         &lt;&lt;NHM code of the goods&gt;&gt;     }     class GrossWeight {         &lt;&lt;Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing&gt;&gt;     }     class ContainerNumber {         &lt;&lt;ContainerNumber&gt;&gt;     }     class GoodsInContainer {         &lt;&lt;0..99&gt;&gt;     }      GoodsInWagon "0..99" --&gt; NHM_Code :      GoodsInWagon "0..99" --&gt; GrossWeight :      GoodsInWagon "0..99" --&gt; ContainerNumber :      GoodsInWagon "0..99" --&gt; GoodsInContainer :    </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">NHM Code</a> <a href="#">GrossWeight</a> <a href="#">ContainerNumber</a> <a href="#">GoodsInContainer</a>
used by	element <a href="#">WagonInformation</a>
annotation	documentation Goods
source	<pre> &lt;xsd:element name="GoodsInWagon"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Goods&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="NHM_Code"/&gt;       &lt;xsd:element ref="GrossWeight" minOccurs="0"/&gt;       &lt;xsd:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/&gt;       &lt;xsd:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"&gt;         &lt;xsd:complexType&gt;           &lt;xsd:sequence&gt;             &lt;xsd:element ref="NHM_Code" minOccurs="0"/&gt;             &lt;xsd:element ref="GrossWeight" minOccurs="0"/&gt;           &lt;/xsd:sequence&gt;         &lt;/xsd:complexType&gt;       &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **GoodsInWagon/ContainerNumber**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">EquipmentNumberType</a>
properties	minOcc 0 maxOcc 1

	content simple									
facets	<table> <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>13</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
source	<pre>&lt;xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/&gt;</pre>									

element **GoodsInWagon/GoodsInContainer**

diagram							
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>99</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </table>	minOcc	0	maxOcc	99	content	complex
minOcc	0						
maxOcc	99						
content	complex						
children	<a href="#">NHM Code</a> <a href="#">GrossWeight</a>						
source	<pre>&lt;xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="NHM_Code" minOccurs="0"/&gt;       &lt;xs:element ref="GrossWeight" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>						

element **GrossWeight**

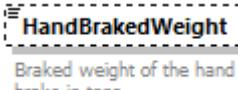
diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
used by	<a href="#">Elements</a> <a href="#">Goods</a> <a href="#">GoodsInWagon/GoodsInContainer</a> <a href="#">GoodsInWagon</a> <a href="#">Wagons/GoodsInWagon</a>												
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <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> </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 goods either in a wagon or a transportation unit. It is the booked weight of the goods including												

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

element **HandBrake**

diagram	<pre> classDiagram     class HandBrake {         HandBrakeType         HandBrakedWeight         ParkingBrakeForce     }     class HandBrakeType {         "Classification of hand brake"     }     class HandBrakedWeight {         "Braked weight of the hand brake in tons"     }     class ParkingBrakeForce {         "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."     }   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">HandBrakeType</a> <a href="#">HandBrakedWeight</a> <a href="#">ParkingBrakeForce</a>
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
source	<pre>&lt;xs:element name="HandBrake"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="HandBrakeType"/&gt;       &lt;xs:element name="HandBrakedWeight" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Braked weight of the hand brake in tons&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;             &lt;xs:totalDigits value="4"/&gt;             &lt;xs:fractionDigits value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ParkingBrakeForce" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **HandBrake/HandBrakedWeight**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:decimal</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Braked weight of the hand brake in tons
source	<pre>&lt;xs:element name="HandBrakedWeight" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Braked weight of the hand brake in tons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="4"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

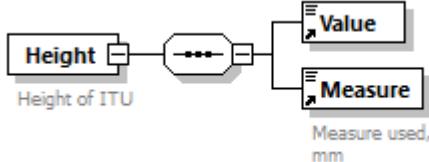
element **HandlingInstruction**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>FreeText</b>
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Special instructions regarding the handling of the wagon or shipment in free text
source	<pre>&lt;xs:element name="HandlingInstruction" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special instructions regarding the handling of the wagon or shipment in free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

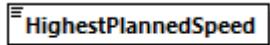
element **HandoverPointFlag**

diagram	
	Identifies if the location is a Handover Point from IM to IM
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation Identifies if the location is a Handover Point from IM to IM
source	<pre>&lt;xs:element name="HandoverPointFlag"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies if the location is a Handover Point from IM to IM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Height**

diagram	
	Height of ITU
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Value</a> <a href="#">Measure</a>
used by	element <a href="#">Dimensions</a> complexType <a href="#">DimensionValue</a>
annotation	documentation Height of ITU
source	<pre>&lt;xs:element name="Height"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Height of ITU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Value"/&gt;       &lt;xs:element ref="Measure"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **HighestPlannedSpeed**

diagram	
	IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	<b>Speed</b>		
properties	content simple		
used by	element <b>PlannedTrainTechnicalData</b>		
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>&lt;xs:element name="HighestPlannedSpeed" type="Speed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM may inform the RA (Responsible applicant) on the     speed which was the basis for path construction&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>		

**element Identifiers**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

element **ILU**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">ILU_Details</a> <a href="#">LoadingTackles</a> <a href="#">Goods</a> <a href="#">SummaryOFGoodsWithSameRID</a>
used by	element <a href="#">Wagons/GoodsInWagon</a>
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<pre>&lt;xs:element name="ILU"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the type and content of an IntermodalTransportUnit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;</pre>

	<pre>&lt;xs:sequence&gt;   &lt;xs:element ref="ILU_Details"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Details for Intermodal Transport Unit on wagon&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;   &lt;xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Describes the loading tackles used inside the unit&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;   &lt;xs:element ref="Goods" minOccurs="0" maxOccurs="99"/&gt;   &lt;xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0" maxOccurs="25"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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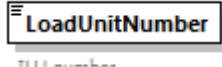
element **ILU\_Details**

diagram	<p><b>ILU_Details</b> [ ] Details for ILU on wagon</p> <p><b>Ship</b> [ ] Additional information for transports, which shall be handed over to a ship</p> <p><b>ILU_Type</b> 00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=trucks</p> <p><b>LoadUnitNumber</b> ILU number</p> <p><b>LoadingStatus</b> Loading status of the equipment. 0=Empty, 1=Loaded</p> <p><b>ILU_TypeDetail</b></p> <p><b>Dimensions</b> [+] Dimensions of the ILU.</p> <p><b>TareWeight</b> Tare weight [kg] of ILU.</p> <p><b>SwapBodyCodification</b> Codification used for swap bodies according to UIC/UIRR regulations</p> <p><b>Forwarding</b> Final destination of the ILU.</p> <p><b>TurnInNumber</b> Reference number used for empty containers in depots of shipping company.</p> <p><b>AdditionalInformationILU</b> Additional information</p> <p><b>DeliveryReference</b></p> <p><b>OriginCountry</b> Code of origin country of the ILU.</p> <p><b>DepartureCountry</b> Code of departure country of the ILU.</p> <p><b>UltimateDestinationCountry</b> Country of Ultimate Destination</p> <p><b>Seals</b> [ ] Describes the seals used for the consignment</p> <p><b>ReferenceNumbers</b> [+] This element contains references according to NC15 or EMCS law. This element MUST NOT be empty!</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

```
        <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>
  </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>
```

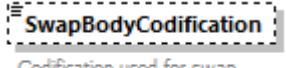
element **ILU\_Details/LoadUnitNumber**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">LoadUnitNumberType</a>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="LoadUnitNumber" type="LoadUnitNumberType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ILU number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **ILU\_Details/TareWeight**

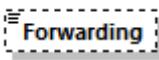
diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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>&lt;xs:element name="TareWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Tare weight [kg] of ILU.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **ILU\_Details/SwapBodyCodification**

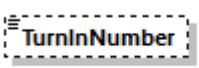
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:string</a>

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>&lt;xs:element name="SwapBodyCodification" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Codification used for swap bodies according to UIC/UIRR regulations &lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE:&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="3"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element ILU\_Details/Forwarding**

diagram	 Final destination of the ILU.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
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>&lt;xs:element name="Forwarding" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Final destination of the ILU.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="80"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ILU\_Details/TurnInNumber**

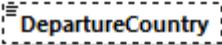
diagram	 <p>Reference number used for empty containers in depots of shipping company.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Reference number used for empty containers in depots of shipping company.
source	<pre>&lt;xs:element name="TurnInNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference number used for empty containers in depots of shipping company.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="30"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ILU\_Details/AdditionalInformationILU**

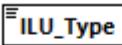
diagram	 <p>Additional information</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information
source	<pre>&lt;xs:element name="AdditionalInformationILU" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<code>&lt;/xs:simpleType&gt;</code> <code>&lt;/xs:element&gt;</code>
--	---

element **ILU\_Details/DepartureCountry**

diagram	
	Code of departure country of the ILU.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CountryIdentISO</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Code of departure country of the ILU. documentation CODE: ISO-3166-2
source	<pre>&lt;xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of departure country of the ILU.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: ISO-3166-2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ILU\_Type**

diagram	
	Type of ILU. Further information is given for each enumeration element.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">TypeOfLoadUnitType</a>
properties	content simple
used by	element <a href="#">ILU_Details</a>
facets	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>&lt;xs:element name="ILU_Type" type="TypeOfLoadUnitType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of ILU. Further information is given for each enumeration element.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element IM\_Partner**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent</a>												
facets	<table> <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>&lt;xs:element name="IM_Partner" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Infrastructure Manager&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

**element ImpactedRU**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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>&lt;xs:element name="ImpactedRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The RU impacted by a restriction&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **IntermediateDestination**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	element <a href="#">NextIntermediateDestination</a>
annotation	documentation A location on the route of a train
source	<pre>&lt;xs:element name="IntermediateDestination" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;A location on the route of a train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **InternalReferenceIdentifier**

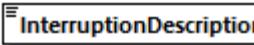
diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	elements <a href="#">DelayCauseTime</a> <a href="#">InterruptionPoint/Interruption</a> <a href="#">InterruptionInformation</a> <a href="#">ReceiptConfirmationMessage</a> <a href="#">TrainJourneyModificationMessage</a>									
facets	<table> <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 link to the IM System Reference
source	<pre>&lt;xs:element name="InternalReferenceIdentifier" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The link to the IM System Reference&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **InterruptionDateTime**

diagram	 <p>Date and Time when the Train was interrupted</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">InterruptionPoint/Interruption Information</a>
annotation	<p>documentation</p> <p>Date and Time when the Train was interrupted</p>
source	<pre>&lt;xs:element name="InterruptionDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time when the Train was interrupted&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **InterruptionDescription**

diagram	 <p>The free text description of an interruption</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<b>FreeText</b>									
properties	content simple									
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">ExceptionReason</a> <a href="#">InterruptionPoint/Interruption Information</a>									
facets	<table> <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	<p>documentation</p> <p>The free text description of an interruption</p>									
source	<pre>&lt;xs:element name="InterruptionDescription" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The free text description of an interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **InterruptionInformation**

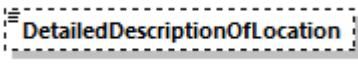
diagram	<p>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during 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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">InterruptionDescription</a> <a href="#">InterruptionDateTime</a> <a href="#">InterruptionReason</a> <a href="#">InternalReferenceIdentifier</a>
used by	element <a href="#">PathNotAvailableMessage</a>
annotation	<p>documentation</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>
source	<pre> &lt;xs:element name="InterruptionInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="InterruptionDescription" minOccurs="0"/&gt;       &lt;xs:element ref="InterruptionDateTime" minOccurs="0"/&gt;       &lt;xs:element ref="InterruptionReason" minOccurs="0"/&gt;       &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **InterruptionPoint**

diagram	<p>describes the interruption points with location and the reason for the interruption</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">DetailedDescriptionOfLocation</a> <a href="#">Interruption</a> <a href="#">BookedLocationDateTime</a> <a href="#">ReferencedLocationDateTime</a> <a href="#">InterruptionDuration</a> <a href="#">Remarks</a>
used by	element <a href="#">TrainRunningInterruptionMessage</a>
annotation	documentation describes the interruption points with location and the reason for the interruption
source	<pre> &lt;xs:element name="InterruptionPoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;describes the interruption points with location and the reason for the interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/&gt;       &lt;xs:element name="Interruption"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="InterruptionReason" minOccurs="0"/&gt;             &lt;xs:element ref="InterruptionDateTime"/&gt;             &lt;xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/&gt;             &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

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

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<u>FreeText</u>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	maxLength 255
source	<xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/>

## element InterruptionPoint/Interruption

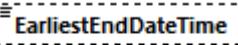
diagram	<pre> classDiagram     class Interruption {         &lt;&lt;Interruption&gt;&gt;     }     class InterruptionReason {         &lt;&lt;InterruptionReason&gt;&gt;     }     class InterruptionDateTime {         &lt;&lt;InterruptionDateTime&gt;&gt;     }     class InterruptionDescription {         &lt;&lt;InterruptionDescription&gt;&gt;     }     class InternalReferenceIdentifier {         &lt;&lt;InternalReferenceIdentifier&gt;&gt;     }      Interruption "1" -- "0..1" InterruptionReason     Interruption "1" -- "0..1" InterruptionDateTime     Interruption "1" -- "0..1" InterruptionDescription     Interruption "1" -- "0..1" InternalReferenceIdentifier   </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">InterruptionReason</a> <a href="#">InterruptionDateTime</a> <a href="#">InterruptionDescription</a> <a href="#">InternalReferenceIdentifier</a>
source	<pre> &lt;xs:element name="Interruption"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="InterruptionReason" minOccurs="0"/&gt;       &lt;xs:element ref="InterruptionDateTime"/&gt;       &lt;xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

## element InterruptionPoint/InterruptionDuration

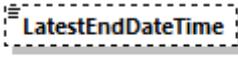
diagram	<pre> classDiagram     class InterruptionDuration {         &lt;&lt;InterruptionDuration&gt;&gt;     }     class EarliestEndDateTime {         &lt;&lt;EarliestEndDateTime&gt;&gt;     }     class LatestEndDateTime {         &lt;&lt;LatestEndDateTime&gt;&gt;     }      InterruptionDuration "1" -- "1" EarliestEndDateTime     InterruptionDuration "1" -- "1" LatestEndDateTime   </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1

	content complex
children	<a href="#"><b>EarliestEndDateTime LatestEndDateTime</b></a>
annotation	documentation To specify the probable duration of the interruption
source	<pre>&lt;xs:element name="InterruptionDuration" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To specify the probable duration of the interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Forecasted earliest time for end of interruption&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Forecasted latest time for end of interruption&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

diagram	 <p>Forecasted earliest time for end of interruption</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre>&lt;xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Forecasted earliest time for end of interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

diagram	
	Forecasted latest time for end of interruption
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption
source	<pre>&lt;xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Forecasted latest time for end of interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **InterruptionReason**

diagram																																								
	This element identifies the reason for an interruption of the train running																																							
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																							
type	<b>DelayCode</b>																																							
properties	content simple																																							
used by	<a href="#">ChangeofTrackMessage</a> <a href="#">InterruptionPoint/Interruption</a> <a href="#">InterruptionInformation</a>																																							
facets	<table> <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> <tr> <td>enumeration</td> <td>20</td> <td>documentation Signalling installations</td> </tr> <tr> <td>enumeration</td> <td>21</td> <td>documentation Signalling installations at level crossings</td> </tr> <tr> <td>enumeration</td> <td>22</td> <td>documentation Telecommunication installations</td> </tr> <tr> <td>enumeration</td> <td>23</td> <td>documentation Power supply equipment</td> </tr> <tr> <td>enumeration</td> <td>24</td> <td>documentation Track</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	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
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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

	enumeration 91 enumeration 92 enumeration 93 enumeration 94 enumeration 95	Dangerous incidents, accidents and hazards documentation Track occupation caused by the lateness of the same train documentation Track occupation caused by the lateness of another train documentation Turn round documentation Connection documentation Further investigation needed
annotation	documentation	This element identifies the reason for an interruption of the train running
source	<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>	

## element ITU

diagram	<pre> classDiagram     class ITU {         &lt;&lt;Describes the type and content of an IntermodalTransportUnit&gt;&gt;     }     class ITU_Details {         &lt;&lt;Details for Intermodal Transport Unit on wagon&gt;&gt;     }     class Goods {         &lt;&lt;Describes the goods inside the means of transport&gt;&gt;         1..99     }     class SummaryOfGoodsWithSameRID {         &lt;&lt;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&gt;&gt;         0..25     }      ITU "1" --&gt; "1" ITU_Details :      ITU "1" --&gt; "1" Goods :      ITU "1" --&gt; "1" SummaryOfGoodsWithSameRID :    </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">ITU Details</a> <a href="#">Goods</a> <a href="#">SummaryOfGoodsWithSameRID</a>
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<xs:element name="ITU"> <xs:annotation> <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>

	<pre>&lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="Goods" maxOccurs="99"/&gt; &lt;xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	--

element **ITU\_Details**

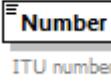
diagram	<pre> classDiagram     class ITU_Details {         &lt;&lt;Details for ITU on wagon&gt;&gt;     }     class ITU_Type {         &lt;&lt;Type of Intermodal Transport Unit. Further information is given for each enumeration element.&gt;&gt;     }     class Number {         &lt;&lt;ITU number&gt;&gt;     }     class LoadingStatus {         &lt;&lt;Loading status of the equipment. 0=Empty, 1=Loaded&gt;&gt;     }     class ITU_TypeDetail {         &lt;&lt;Dimensions of the UTI.&gt;&gt;     }     class Prefix {         &lt;&lt;Prefix&gt;&gt;     }     class Checkdigit {         &lt;&lt;Check digit&gt;&gt;     }     class Dimensions {         &lt;&lt;Dimensions of the UTI.&gt;&gt;     }     class TareWeight {         &lt;&lt;Tare weight [kg] of UTI.&gt;&gt;     }     class SwapBodyCodification {         &lt;&lt;Codification used for swap bodies according to UIC/UIRR regulations&gt;&gt;     }     class Forwarding {         &lt;&lt;Final destination of the UTI.&gt;&gt;     }     class Ship {         &lt;&lt;Additional information for transports, which shall be handed over to a ship&gt;&gt;     }     class TurnInNumber {         &lt;&lt;Reference number used for empty containers in depots of shipping company.&gt;&gt;     }     class DeliveryReference {         &lt;&lt;&gt;&gt;     }     class OriginCountry {         &lt;&lt;Code of origin country of the UTI.&gt;&gt;     }     class DepartureCountry {         &lt;&lt;Code of departure country of the UTI.&gt;&gt;     }     class UltimateDestinationCountry {         &lt;&lt;Country of Ultimate Destination&gt;&gt;     }     class Seals {         &lt;&lt;Describes the seals used for the consignment&gt;&gt;     }     class ReferenceNumbers {         &lt;&lt;This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!&gt;&gt;     }      ITU_Details "1..*" -- "1..*" ITU_Type     ITU_Details "1..*" -- "1..*" Number     ITU_Details "1..*" -- "1..*" LoadingStatus     ITU_Details "1..*" -- "1..*" ITU_TypeDetail     ITU_TypeDetail "*" -- "1..*" Prefix     ITU_TypeDetail "*" -- "1..*" Checkdigit     ITU_TypeDetail "*" -- "1..*" Dimensions     ITU_TypeDetail "*" -- "1..*" TareWeight     ITU_TypeDetail "*" -- "1..*" SwapBodyCodification     SwapBodyCodification "*" -- "1..*" Forwarding     SwapBodyCodification "*" -- "1..*" Ship     ITU_TypeDetail "*" -- "1..*" TurnInNumber     ITU_TypeDetail "*" -- "1..*" DeliveryReference     ITU_TypeDetail "*" -- "1..*" OriginCountry     ITU_TypeDetail "*" -- "1..*" DepartureCountry     ITU_TypeDetail "*" -- "1..*" UltimateDestinationCountry     ITU_TypeDetail "*" -- "1..*" Seals     Seals "*" -- "1..*" ReferenceNumbers   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

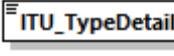
```
<xs:minLength value="1"/>
<xsmaxLength value="5"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Checkdigit" minOccurs="0">
<xs:annotation>
<xs:documentation>Check digit</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:totalDigits value="1"/>
</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> &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="DeliveryReference" minOccurs="0"/&gt; &lt;xs:element ref="OriginCountry" minOccurs="0"/&gt; &lt;xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Code of departure country of the UTI.&lt;/xs:documentation&gt;         &lt;xs:documentation&gt;CODE: ISO-3166-2&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="UltimateDestinationCountry" minOccurs="0"/&gt; &lt;xs:element ref="Seals" minOccurs="0"/&gt; &lt;xs:element ref="ReferenceNumbers" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **ITU\_Details/Number**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">EquipmentNumberType</a>									
properties	content simple									
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>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> &lt;xs:element name="Number"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;ITU number&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="EquipmentNumberType"/&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **ITU\_Details/ITU\_TypeDetail**

diagram							
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <a href="#">xs:token</a>						
properties	content simple						
facets	<table> <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						

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

element **ITU\_Details/Prefix**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5

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

**element ITU\_Details/Checkdigit**

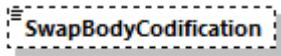
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:int</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
annotation	documentation Check digit
source	<pre>&lt;xs:element name="Checkdigit" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Check digit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:totalDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element ITU\_Details/TareWeight**

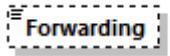
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>WeightValueKilo</b>
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999

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

**element ITU\_Details/SwapBodyCodification**

diagram	 <p>Codification used for swap bodies according to UIC/UIRR regulations</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="SwapBodyCodification" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Codification used for swap bodies according to UIC/UIRR regulations &lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE:&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="3"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element ITU\_Details/Forwarding**

diagram	 <p>Final destination of the UTI.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Final destination of the UTI.
source	<pre>&lt;xs:element name="Forwarding" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Final destination of the UTI.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="80"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ITU\_Details/TurnInNumber**

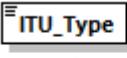
diagram	 <b>TurnInNumber</b> <p>Reference number used for empty containers in depots of shipping company.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Reference number used for empty containers in depots of shipping company.
source	<pre>&lt;xs:element name="TurnInNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference number used for empty containers in depots of shipping company.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="30"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ITU\_Details/DepartureCountry**

diagram	 <b>DepartureCountry</b> <p>Code of departure country of the UTI.</p>
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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><b>CountryIdentISO</b></a>
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>&lt;xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of departure country of the UTI.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: ISO-3166-2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ITU\_Type**

diagram	 <p>Type of ITU. Further information is given for each enumeration element.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#"><b>EquipmentTypeType</b></a>
properties	content simple
used by	element <a href="#"><b>ITU_Details</b></a>
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>&lt;xs:element name="ITU_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of ITU. Further information is given for each enumeration element.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="EquipmentTypeType"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **JourneySection**

diagram	<p><b>JourneySection</b> Defines the data provided by the IM for a journey section</p> <p><b>JourneySectionOrigin</b> Origin of the section on which train composition is unchanged</p> <p><b>JourneySectionDestination</b> Destination of the section on which train composition is unchanged</p> <p><b>ResponsibilityActualSection</b> This element identifies the responsible RU or IM for the actual path section</p> <p><b>ResponsibilityNextSection</b> Only optional for the last section</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">JourneySectionOrigin</a> <a href="#">JourneySectionDestination</a> <a href="#">ResponsibilityActualSection</a> <a href="#">ResponsibilityNextSection</a>
used by	element <a href="#">TrainCompositionJourneySection</a>
annotation	<p>documentation</p> <p>Defines the data provided by the IM for a journey section</p>
source	<pre> &lt;xs:element name="JourneySection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Defines the data provided by the IM for a journey section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="JourneySectionOrigin"/&gt;       &lt;xs:element ref="JourneySectionDestination"/&gt;       &lt;xs:element ref="ResponsibilityActualSection"/&gt;       &lt;xs:element ref="ResponsibilityNextSection" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Only optional for the last section&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **JourneySectionDestination**

diagram	<pre> classDiagram     class JourneySectionDestination {         &lt;&lt;Destination of the section on which train composition is unchanged&gt;&gt;     }     class LocationIdent {         &lt;&lt;extension&gt;&gt;     }     class CountryCodeISO {         &lt;&lt;Identifies a County or State by code (ISO 3166-1)&gt;&gt;     }     class LocationPrimaryCode     class PrimaryLocationName {         &lt;&lt;Location Name in an official language of the Country using the ISO Unicode alphabet&gt;&gt;     }     class LocationSubsidiaryIdentification {         &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;     }     class BookedLocationDateTime {         &lt;&lt;Scheduled Date and Time of a train at a specified location as defined in the path contract&gt;&gt;     }      JourneySectionDestination "1" -- "*" LocationIdent : &lt;&lt;extension&gt;&gt;     LocationIdent "1" -- "*" CountryCodeISO :      CountryCodeISO "1" -- "*" LocationPrimaryCode :      LocationPrimaryCode "1" -- "*" PrimaryLocationName :      PrimaryLocationName "1" -- "*" LocationSubsidiaryIdentification :      LocationSubsidiaryIdentification "1" -- "*" BookedLocationDateTime :    </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation Destination of the section on which train composition is unchanged
source	<pre> &lt;xsd:element name="JourneySectionDestination"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Destination of the section on which train composition is unchanged&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:complexContent&gt;       &lt;xsd:extension base="LocationIdent"&gt;         &lt;xsd:sequence minOccurs="0"&gt;           &lt;xsd;element ref="BookedLocationDateTime" minOccurs="0"/&gt;         &lt;/xsd:sequence&gt;       &lt;/xsd:extension&gt;     &lt;/xsd:complexContent&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **JourneySectionOrigin**

diagram	<pre> classDiagram     class JourneySectionOrigin {         &lt;&lt;Origin of the section on which train composition is unchanged&gt;&gt;     }     class LocationIdent {         &lt;&lt;LocationIdent (extension)&gt;&gt;     }     class CountryCodeISO {         &lt;&lt;Identifies a County or State by code (ISO 3166-1)&gt;&gt;     }     class LocationPrimaryCode     class PrimaryLocationName {         &lt;&lt;Location Name in an official language of the Country using the ISO Unicode alphabet&gt;&gt;     }     class LocationSubsidiaryIdentification {         &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;     }     class BookedLocationDateTime {         &lt;&lt;Scheduled Date and Time of a train at a specified location as defined in the path contract&gt;&gt;     }      JourneySectionOrigin &lt; -- LocationIdent     JourneySectionOrigin --&gt; CountryCodeISO     JourneySectionOrigin --&gt; LocationPrimaryCode     JourneySectionOrigin --&gt; PrimaryLocationName     JourneySectionOrigin --&gt; LocationSubsidiaryIdentification     JourneySectionOrigin --&gt; BookedLocationDateTime   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation Origin of the section on which train composition is unchanged
source	<pre> &lt;xsd:element name="JourneySectionOrigin"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Origin of the section on which train composition is unchanged&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:complexContent&gt;       &lt;xsd:extension base="LocationIdent"&gt;         &lt;xsd:sequence minOccurs="0"&gt;           &lt;xsd;element ref="BookedLocationDateTime" minOccurs="0"/&gt;         &lt;/xsd:sequence&gt;       &lt;/xsd:extension&gt;     &lt;/xsd:complexContent&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

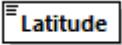
element **KeeperShortNameVKM**

diagram	 <b>KeeperShortNameVKM</b>  Free text, short name/vehicle keeper marking of the wagon keeper
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
used by	elements <a href="#">RollingStockDataset/AdministrativeDataSet</a> <a href="#">RollingStockDatasetMessage/RefusedWagonNumbers</a>
facets	Kind Value Annotation maxLength 10
annotation	documentation Free text, short name/vehicle keeper marking of the wagon keeper
source	<pre>&lt;xs:element name="KeeperShortNameVKM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Free text, short name/vehicle keeper marking of the wagon keeper&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="10"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

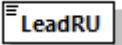
element **LastModifiedDateTime**

diagram	 <b>LastModifiedDateTime</b>  Date and Time of last update or modification of data
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation Date and Time of last update or modification of data
source	<pre>&lt;xs:element name="LastModifiedDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of last update or modification of data&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

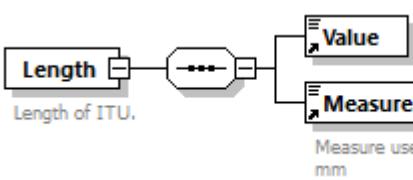
element **Latitude**

diagram	 <b>Latitude</b>  Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:float</b>
properties	content simple
used by	element <a href="#">GeographicCoordinates</a>
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre>&lt;xs:element name="Latitude" type="xs:float"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **LeadRU**

diagram	 <b>LeadRU</b>  Lead Railway Undertaking
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CompanyCode</a>
properties	content simple
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a>
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Lead Railway Undertaking
source	<pre>&lt;xs:element name="LeadRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Lead Railway Undertaking&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Length**

diagram	 <p>Length Length of ITU. Value Measure Measure used, either ft or mm</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Value</a> <a href="#">Measure</a>
used by	elements <a href="#">Dimensions</a> <a href="#">TractionDetails</a> complexType <a href="#">DimensionValue</a>
annotation	documentation Length of ITU.
source	<pre>&lt;xs:element name="Length"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length of ITU.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Value"/&gt;       &lt;xs:element ref="Measure"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **LengthOfSetOfCarriages**

diagram	 <p>LengthOfSetOfCarriages</p>
	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.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric4-4</a>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
facets	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>&lt;xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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	<b>LengthOverBuffers</b> Length over buffers is expressed in cm.									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	elements <a href="#">RollingStockDataset/DesignDataSet</a> <a href="#">WagonTechData</a>									
facets	<table> <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> &lt;xs:element name="LengthOverBuffers"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length over buffers is expressed in cm.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **LoadArea**

diagram	<b>LoadArea</b> Payload Area - measured in M2									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table> <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>&lt;xs:element name="LoadArea"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Payload Area - measured in M2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="5"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--------	--

**element LoadingCapacity**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table> <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>&lt;xs:element name="LoadingCapacity"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Usable Cube - measured in M3&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="5"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

**element LoadingFacility**

diagram	<p>The diagram shows a class named "LoadingFacility" with a multiplicity of 1..* at its end. It is connected via a directed association to two other classes: "CustomerNumber" and "AdministrativeContactInformation". "CustomerNumber" has a multiplicity of 1..* at its end. "AdministrativeContactInformation" has a multiplicity of 0..1 at its end. There is also a note describing the relationship between CustomerNumber and AdministrativeContactInformation.</p>
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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">CustomerNumber</a> <a href="#">AdministrativeContactInformation</a>
annotation	documentation Identifies the loading facility (in case of message type = ORU)
source	<pre>&lt;xs:element name="LoadingFacility"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the loading facility (in case of message type = ORU)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="CustomerNumber" minOccurs="0"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **LoadingStatus**

diagram	 <p>Loading status of the equipment. 0=Empty, 1=Loaded</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:integer</a>									
properties	content simple									
used by	<a href="#">ILU Details</a> <a href="#">ITU Details</a> <a href="#">RollingRoadUnit/RollingRoadUnitDetails</a> <a href="#">Wagons/WagonDetails</a> <a href="#">WagonInformation</a>									
facets	<table> <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>&lt;xs:element name="LoadingStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loading status of the equipment. 0=Empty, 1=Loaded&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **LoadingTackles**

diagram	<pre> classDiagram     class LoadingTackles {         &lt;&lt;Describes the loading tackles used inside the wagon&gt;&gt;     }     class LoadingTackleType {         &lt;&lt;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.&gt;&gt;     }     class Quantity {         &lt;&lt;Amount of the loading tackles of the specified type.&gt;&gt;     }     class TotalWeightLoadingTackles {         &lt;&lt;Total weight of the loading tackles (kg) of the specified type&gt;&gt;     }     class TypeDescription {         &lt;&lt;Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.&gt;&gt;     }      LoadingTackles "1..*" --&gt; "1" LoadingTackleType     LoadingTackles "1..*" --&gt; "1" Quantity     LoadingTackles "1..*" --&gt; "1" TotalWeightLoadingTackles     LoadingTackles "1..*" --&gt; "0..1" TypeDescription   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">LoadingTackleType</a> <a href="#">Quantity</a> <a href="#">TotalWeightLoadingTackles</a> <a href="#">TypeDescription</a>
used by	elements <a href="#">ILU Wagons</a>
annotation	<p>documentation</p> <p>Describes the loading tackles used inside the wagon</p>
source	<pre> &lt;xsd:element name="LoadingTackles"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Describes the loading tackles used inside the wagon&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element name="LoadingTackleType"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;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.&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;         &lt;xsd:simpleType&gt;           &lt;xsd:restriction base="xsd:string"/&gt;         &lt;/xsd:simpleType&gt;       &lt;/xsd:element&gt;       &lt;xsd:element ref="Quantity"/&gt;       &lt;xsd:element name="TotalWeightLoadingTackles" type="WeightValueKilo"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;Total weight of the loading tackles (kg) of the specified type&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;       &lt;/xsd:element&gt;       &lt;xsd:element name="TypeDescription" minOccurs="0"&gt;         &lt;xsd:annotation&gt;   </pre>

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

element **LoadingTackles/LoadingTackleType**

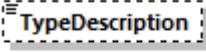
diagram	 <p>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
annotation	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.
source	<pre> &lt;xs:element name="LoadingTackleType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **LoadingTackles/TotalWeightLoadingTackles**

diagram	 <p>Total weight of the loading tackles (kg) of the specified type</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>WeightValueKilo</b>
properties	content simple

facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight of the loading tackles (kg) of the specified type
source	<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>

**element LoadingTackles/TypeDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.
source	<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>

element **Location**

diagram	<pre> classDiagram     class Location {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;     }     class LocationIdent {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;         CountryCodeISO         LocationPrimaryCode         PrimaryLocationName         LocationSubsidiaryIdentification     }     Location "1..*" --&gt; "1..*" LocationIdent     CountryCodeISO &lt;&lt;Identifies a County or State by code (ISO 3166-1)&gt;&gt;     LocationPrimaryCode &lt;&lt;PrimaryLocationName&gt;&gt;     PrimaryLocationName &lt;&lt;Location Name in the official language of the Country using the ISO Unicode alphabet&gt;&gt;     LocationSubsidiaryIdentification &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><u>LocationIdent</u></a>
properties	content complex
children	<a href="#"><u>CountryCodeISO</u></a> <a href="#"><u>LocationPrimaryCode</u></a> <a href="#"><u>PrimaryLocationName</u></a> <a href="#"><u>LocationSubsidiaryIdentification</u></a>
used by	elements <a href="#"><u>AffectedLocation</u></a> <a href="#"><u>ArrivalInterchangeReport</u></a> <a href="#"><u>ConsignmentOrderMessage/COMS/COM/CustomsProcedures</u></a> <a href="#"><u>DepartureInterchangeReport</u></a> <a href="#"><u>ExceptionPoint</u></a> <a href="#"><u>InterruptionPoint</u></a> <a href="#"><u>LocationModified</u></a> <a href="#"><u>ProductionStation</u></a> <a href="#"><u>SpecialTreatments</u></a> <a href="#"><u>TrainForecastAtReportingLocationMessage</u></a> <a href="#"><u>TrainLocationReport</u></a> <a href="#"><u>WagonAtDeparture</u></a> <a href="#"><u>WagonEventInformation</u></a> <a href="#"><u>WagonPickupAtOrigin</u></a> <a href="#"><u>YardArrival</u></a> <a href="#"><u>YardDeparture</u></a>
annotation	documentation Identifies a Location using a LocationIdent
source	<pre> &lt;x:element name="Location" type="LocationIdent"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;Identifies a Location using a LocationIdent&lt;/x:documentation&gt;   &lt;/x:annotation&gt; &lt;/x:element&gt;   </pre>

element **LocationActualTrack**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><u>LocationIdent</u></a>
properties	content complex
children	<a href="#"><u>CountryCodeISO</u></a> <a href="#"><u>LocationPrimaryCode</u></a> <a href="#"><u>PrimaryLocationName</u></a> <a href="#"><u>LocationSubsidiaryIdentification</u></a>
used by	element <a href="#"><u>ChangeofTrackMessage</u></a>
source	<code>&lt;xs:element name="LocationActualTrack" type="LocationIdent"/&gt;</code>

element **LocationDateTime**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<code>xs:dateTime</code>
properties	content simple
used by	elements <a href="#"><u>AffectedLocation</u></a> <a href="#"><u>TrainAtLocation</u></a> <a href="#"><u>TrainLocationReport</u></a>
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<code>&lt;xs:element name="LocationDateTime" type="xs:dateTime"&gt;</code> <code>  &lt;xs:annotation&gt;</code> <code>    &lt;xs:documentation&gt;Identifies the actual or forecasted Date / Time at a specific reporting point&lt;/xs:documentation&gt;</code> <code>  &lt;/xs:annotation&gt;</code> <code>&lt;/xs:element&gt;</code>

element **LocationFileDatasetMessage**

diagram	<pre> classDiagram     class LocationFileDatasetMessage {         &lt;&lt;Used to Create, Modify or Update the LocationIdent Reference File&gt;&gt;     }     class MessageHeader     class MessageStatus     class CountryCodeISO     class LocationPrimaryCode     class LocationPrimaryInformation     class LocationSubsidiaryInformation      LocationFileDatasetMessage &lt; -- MessageHeader     LocationFileDatasetMessage --&gt; MessageStatus     LocationFileDatasetMessage --&gt; CountryCodeISO     LocationFileDatasetMessage --&gt; LocationPrimaryCode     LocationPrimaryCode --&gt; LocationPrimaryInformation     LocationPrimaryCode --&gt; LocationSubsidiaryInformation   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a>
annotation	<p>documentation</p> <p>Used to Create, Modify or Update the LocationIdent Reference File</p>
source	<pre> &lt;xs:element name="LocationFileDatasetMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Used to Create, Modify or Update the LocationIdent Reference File&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;       &lt;xs:element ref="LocationPrimaryCode"/&gt;       &lt;xs:choice&gt;         &lt;xs:element ref="LocationPrimaryInformation"/&gt;         &lt;xs:element ref="LocationSubsidiaryInformation"/&gt;       &lt;/xs:choice&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **LocationModified**

diagram	<pre> classDiagram     class LocationModified {         &lt;&lt;This element shows the Location that has been changed for the train run&gt;&gt;     }     class Location {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;     }     class ModificationStatusIndicator {         &lt;&lt;This element shows if the location has been added or deleted in the modified train journey&gt;&gt;     }     class TrainLocationStatus {         &lt;&lt;Identifies the status of a train related to the actual time at a reporting point&gt;&gt;     }     class BookedLocationDateTime {         &lt;&lt;Scheduled Date and Time of a train at a specified location as defined in the path contract&gt;&gt;     }      LocationModified &lt; -- Location     LocationModified &lt; -- ModificationStatusIndicator     LocationModified &lt; -- TrainLocationStatus     LocationModified &lt; -- BookedLocationDateTime   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">ModificationStatusIndicator</a> <a href="#">TrainLocationStatus</a> <a href="#">BookedLocationDateTime</a>
used by	element <a href="#">TrainJourneyModification</a>
annotation	<p>documentation</p> <p>This element shows the Location that has been changed for the train run</p>
source	<pre> &lt;xss:element name="LocationModified"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;This element shows the Location that has been changed for the train run &lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="Location"/&gt;       &lt;xss:element ref="ModificationStatusIndicator"/&gt;       &lt;xss:element ref="TrainLocationStatus" minOccurs="0"/&gt;       &lt;xss:element ref="BookedLocationDateTime" minOccurs="0"/&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

element **LocationPlannedTrack**

diagram	<pre> classDiagram     class LocationPlannedTrack     class LocationIdent {         &lt;&lt;CountryCodeISO&gt;&gt;         &lt;&lt;LocationPrimaryCode&gt;&gt;         &lt;&lt;PrimaryLocationName&gt;&gt;         &lt;&lt;LocationSubsidiaryIdentification&gt;&gt;     }     LocationPlannedTrack --&gt; LocationIdent   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><u>LocationIdent</u></a>
properties	content complex
children	<a href="#"><u>CountryCodeISO</u></a> <a href="#"><u>LocationPrimaryCode</u></a> <a href="#"><u>PrimaryLocationName</u></a> <a href="#"><u>LocationSubsidiaryIdentification</u></a>
used by	element <a href="#"><u>ChangeofTrackMessage</u></a>
source	<xs:element name="LocationPlannedTrack" type="LocationIdent"/>

element **LocationPrimaryCode**

diagram	<pre> classDiagram     class LocationPrimaryCode   </pre>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#"><u>Numeric1-5</u></a>									
properties	content simple									
used by	element <a href="#"><u>LocationFileDatasetMessage</u></a> complexType <a href="#"><u>LocationIdent</u></a>									
facets	<table> <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									
source	<xs:element name="LocationPrimaryCode" type="Numeric1-5"/>									

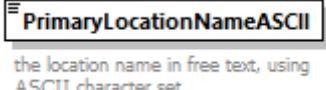
element **LocationPrimaryInformation**

diagram	<pre> classDiagram     class LocationPrimaryInformation {         &lt;&lt;Required for Primary Location Add, Update, of a Location Primary Code&gt;&gt;         LocationPrimaryName         ResponsibleIM         PrimaryLocationNameASCII         ValidityPeriod         ContainerHandlingFlag         HandoverPointFlag         FreightFlag         PassengerFlag         GeographicCoordinates         NUTS_Code         Comments     }     class LocationPrimaryName     class ResponsibleIM     class PrimaryLocationNameASCII     class ValidityPeriod     class ContainerHandlingFlag     class HandoverPointFlag     class FreightFlag     class PassengerFlag     class GeographicCoordinates     class NUTS_Code     class Comments   </pre> <p><b>LocationPrimaryInformation</b></p> <p>Required for Primary Location Add, Update, of a Location Primary Code</p> <ul style="list-style-type: none"> <li><b>LocationPrimaryName</b>: Location Name in an official language of the Country using the ISO Unicode alphabet</li> <li><b>ResponsibleIM</b>: IM Responsible for Reporting. For Path Requests, this element has to be used       <ul style="list-style-type: none"> <li>- in the first journey location (origin of train)</li> <li>- 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.</li> </ul> </li> <li><b>PrimaryLocationNameASCII</b>: the location name in free text, using ASCII character set</li> <li><b>ValidityPeriod</b></li> <li><b>ContainerHandlingFlag</b>: This establishment is able to handle container traffic</li> <li><b>HandoverPointFlag</b>: Identifies if the location is a Handover Point from IM to IM</li> <li><b>FreightFlag</b>: Identifies that the Entity or Location is for Freight Activity</li> <li><b>PassengerFlag</b>: Identifies that the Entity or Location is for Passenger Activity</li> <li><b>GeographicCoordinates</b>: Latitude and Longitude of location</li> <li><b>NUTS_Code</b>: 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</li> <li><b>Comments</b></li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">LocationPrimaryName</a> <a href="#">ResponsibleIM</a> <a href="#">PrimaryLocationNameASCII</a> <a href="#">ValidityPeriod</a> <a href="#">ContainerHandlingFlag</a> <a href="#">HandoverPointFlag</a> <a href="#">FreightFlag</a> <a href="#">PassengerFlag</a> <a href="#">GeographicCoordinates</a> <a href="#">NUTS Code</a> <a href="#">Comments</a>
used by	element <a href="#">LocationFileDatasetMessage</a>
annotation	documentation Required for Primary Location Add, Update, of a Location Primary Code
source	<pre> &lt;xs:element name="LocationPrimaryInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Required for Primary Location Add, Update, of a Location Primary Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LocationPrimaryName"/&gt;       &lt;xs:element ref="ResponsibleIM"/&gt;       &lt;xs:element name="PrimaryLocationNameASCII"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;the location name in free text, using ASCII character set&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="255"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ValidityPeriod"/&gt;       &lt;xs:element ref="ContainerHandlingFlag" minOccurs="0"/&gt;       &lt;xs:element ref="HandoverPointFlag" minOccurs="0"/&gt;       &lt;xs:sequence minOccurs="0"&gt;         &lt;xs:element ref="FreightFlag"/&gt;         &lt;xs:element ref="ValidityPeriod" minOccurs="0"/&gt;       &lt;/xs:sequence&gt;       &lt;xs:sequence minOccurs="0"&gt;         &lt;xs:element ref="PassengerFlag"/&gt;         &lt;xs:element ref="ValidityPeriod" minOccurs="0"/&gt;       &lt;/xs:sequence&gt;       &lt;xs:element ref="GeographicCoordinates" minOccurs="0"/&gt;       &lt;xs:element name="NUTS_Code" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="50"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Comments" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **LocationPrimaryInformation/PrimaryLocationNameASCII**

diagram	 <p>the location name in free text, using ASCII character set</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
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>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	<p>documentation</p> <p>the location name in free text, using ASCII character set</p>									
source	<pre>&lt;xs:element name="PrimaryLocationNameASCII"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;the location name in free text, using ASCII character set&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="255"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **LocationPrimaryInformation/NUTS\_Code**

diagram	 <p>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</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <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>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	<p>documentation</p> <p>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</p>									
source	<pre>&lt;xs:element name="NUTS_Code" minOccurs="0"&gt;   &lt;xs:annotation&gt;</pre>									

	<pre>&lt;xs:documentation&gt;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 &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xsmaxLength value="50"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	--

element **LocationPrimaryName**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation Location Name in an official language of the Country using the ISO Unicode alphabet
source	<pre>&lt;xs:element name="LocationPrimaryName"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Location Name in an official language of the Country     using the ISO Unicode alphabet&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **LocationSubsidiaryCode**

diagram											
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>										
type	extension of <a href="#">String1-10</a>										
properties	content complex										
used by	elements <a href="#">LocationSubsidiaryIdentification</a> <a href="#">LocationSubsidiaryInformation</a>										
facets	<table> <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>10</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	10		
Kind	Value	Annotation									
minLength	1										
maxLength	10										
attributes	<table> <tr> <td>Name</td> <td>Type</td> <td>Default</td> <td>Fixed</td> <td>Annotation</td> </tr> <tr> <td>LocationSubsidiaryTypeCode</td> <td><b>derived by:</b> <code>xs:token</code></td> <td>required</td> <td></td> <td></td> </tr> </table>	Name	Type	Default	Fixed	Annotation	LocationSubsidiaryTypeCode	<b>derived by:</b> <code>xs:token</code>	required		
Name	Type	Default	Fixed	Annotation							
LocationSubsidiaryTypeCode	<b>derived by:</b> <code>xs:token</code>	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>&lt;xs:element name="LocationSubsidiaryCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension base="String1-10"&gt;         &lt;xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/&gt;       &lt;/xs:extension&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

**element LocationSubsidiaryIdentification**

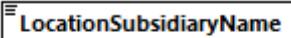
diagram	<pre> classDiagram     class LocationSubsidiaryIdentification {         &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;     }     class LocationSubsidiaryCode {         &lt;&lt;this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"&gt;&gt;     }     class AllocationCompany {         &lt;&lt;Name of company who is responsible for allocation and maintenance of codes&gt;&gt;     }     class LocationSubsidiaryName {         &lt;&lt;To be completed in an official language of the Country using the ISO Unicode alphabet&gt;&gt;     }      LocationSubsidiaryIdentification &lt; -- LocationSubsidiaryCode     LocationSubsidiaryIdentification &lt; -- AllocationCompany     LocationSubsidiaryIdentification &lt; -- LocationSubsidiaryName   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">LocationSubsidiaryCode</a> <a href="#">AllocationCompany</a> <a href="#">LocationSubsidiaryName</a>
used by	complexType <a href="#">LocationIdent</a>
annotation	documentation Code, Name and allocation company of Subsidiary Location
source	<pre>&lt;xs:element name="LocationSubsidiaryIdentification"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code, Name and allocation company of Subsidiary Location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LocationSubsidiaryCode"/&gt;       &lt;xs:element ref="AllocationCompany"/&gt;       &lt;xs:element ref="LocationSubsidiaryName" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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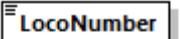
element **LocationSubsidiaryInformation**

diagram	<pre> classDiagram     class LocationSubsidiaryInformation {         &lt;&lt;Required for Add, Update of a Location Subsidiary Code (modified to global element)&gt;&gt;     }     class LocationSubsidiaryCode     class LocationSubsidiaryName     class AllocationCompany     class ValidityPeriod     class Comments     class GeographicCoordinates      LocationSubsidiaryInformation "2" -- "1" LocationSubsidiaryCode :      LocationSubsidiaryInformation "2" -- "1" LocationSubsidiaryName :      LocationSubsidiaryInformation "2" -- "1" AllocationCompany :      LocationSubsidiaryInformation "2" -- "1" ValidityPeriod :      LocationSubsidiaryInformation "2" -- "1" Comments :      LocationSubsidiaryInformation "2" -- "1" GeographicCoordinates :  </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">LocationSubsidiaryCode</a> <a href="#">LocationSubsidiaryName</a> <a href="#">AllocationCompany</a> <a href="#">ValidityPeriod</a> <a href="#">Comments</a> <a href="#">GeographicCoordinates</a>
used by	element <a href="#">LocationFileDatasetMessage</a>
annotation	documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)
source	<pre> &lt;xs:element name="LocationSubsidiaryInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Required for Add, Update of a Location Subsidiary Code (modified to global element)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LocationSubsidiaryCode"/&gt;       &lt;xs:element ref="LocationSubsidiaryName"/&gt;       &lt;xs:element ref="AllocationCompany"/&gt;       &lt;xs:element ref="ValidityPeriod"/&gt;       &lt;xs:element ref="Comments" minOccurs="0"/&gt;       &lt;xs:element ref="GeographicCoordinates" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **LocationSubsidiaryName**

diagram	 <b>LocationSubsidiaryName</b>  To be completed in an official language of the Country using the ISO Unicode alphabet
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>
properties	content simple
used by	elements <a href="#">LocationSubsidiaryIdentification</a> <a href="#">LocationSubsidiaryInformation</a>
facets	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>&lt;xs:element name="LocationSubsidiaryName" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To be completed in an official language of the Country using the ISO Unicode alphabet&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **LocoNumber**

diagram	 <b>LocoNumber</b>  Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:string</a>
properties	content simple
used by	element <a href="#">TrainCompositionJourneySection/Locoldent</a>
facets	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>&lt;xs:element name="LocoNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;</pre>

	<pre> &lt;xs:maxLength value="12"/&gt; &lt;xs:minLength value="4"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **LocoTypeNumber**

diagram	<p>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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TypeCode1</a> <a href="#">TypeCode2</a> <a href="#">CountryCode</a> <a href="#">SeriesNumber</a> <a href="#">SerialNumber</a> <a href="#">ControlDigit</a>
used by	elements <a href="#">TrainCompositionJourneySection/Locoident</a> <a href="#">TractionDetails</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xs:element name="LocoTypeNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </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:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

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

element **LocoTypeNumber/TypeCode1**

diagram	<p>TypeCode1</p> <p>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:string</b>						
properties	content simple						
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </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>&lt;xs:element name="TypeCode1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="1"/&gt;       &lt;xs:pattern value="[9]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

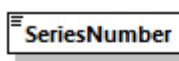
element **LocoTypeNumber/TypeCode2**

diagram	 <p>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p>															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:string</b>															
properties	content simple															
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>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>&lt;xs:element name="TypeCode2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="1"/&gt;       &lt;xs:pattern value="[0-9]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>															

element **LocoTypeNumber/CountryCode**

diagram	 <p>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p>															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:string</b>															
properties	content simple															
facets	<table> <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	<p>documentation</p> <p>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p>															
source	<pre>&lt;xs:element name="CountryCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:pattern value="[0-9]{2}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>															

element **LocoTypeNumber/SeriesNumber**

diagram	 <p>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</p>															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:string</b>															
properties	content simple															
facets	<table> <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>&lt;xs:element name="SeriesNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="4"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="4"/&gt;       &lt;xs:pattern value="[0-9]{4}" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="SerialNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="3"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:whiteSpace value="replace"/&gt; &lt;xs:maxLength value="3"/&gt; &lt;xs:pattern value="[0-9]{3}" /&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:string</b>															
properties	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>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> &lt;xs:element name="ControlDigit" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="1"/&gt;       &lt;xs:pattern value="[0-9]" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>															

element **Longitude**

diagram	 <p>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

**element MaxAxeWeight**

diagram	<b>MaxAxeWeight</b> Indicates the maximum design axle weight (to).									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	elements <a href="#">RollingStockDataset/DesignDataSet</a> <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>									
facets	<table> <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>&lt;xs:element name="MaxAxeWeight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the maximum design axle weight (to).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0.1"/&gt;       &lt;xs:maxInclusive value="99.9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

**element MaxDesignSpeed**

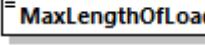
diagram	<b>MaxDesignSpeed</b> Maximum approved speed of the wagon (km/h)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:integer</b>

properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Maximum approved speed of the wagon (km/h)
source	<pre>&lt;xs:element name="MaxDesignSpeed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum approved speed of the wagon (km/h)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **MaxGrossWeight**

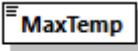
diagram	 <p>Weight of max Gross Load Weight plus the tare weight of the equipment</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">WeightValueKilo</a>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
facets	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>&lt;xs:element name="MaxGrossWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Weight of max Gross Load Weight plus the tare weight of the equipment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **MaxLengthOfLoad**

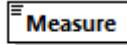
diagram	 <p>Measured in mm</p>
---------	---

namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table> <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>&lt;xs:element name="MaxLengthOfLoad"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measured in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

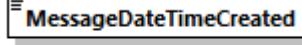
element **MaxTemp**

diagram	 <p>Maximum Temperature in °Celsius</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet/TemperatureRange</a>									
facets	<table> <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>&lt;xs:element name="MaxTemp"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum Temperature in °Celsius&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="99"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Measure**

diagram	 <b>Measure</b> Measure used, either ft or mm
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:token</a>
properties	content simple
used by	elements <a href="#">Height</a> <a href="#">Length</a> <a href="#">Width</a>
facets	Kind Value Annotation enumeration ft enumeration mm
annotation	documentation Measure used, either ft or mm
source	<pre>&lt;xs:element name="Measure"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measure used, either ft or mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="ft"/&gt;       &lt;xs:enumeration value="mm"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **MessageDateTimeCreated**

diagram	 <b>MessageDateTimeCreated</b> Date and time when the message was created by the legacy system
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:dateTime</a>
properties	content simple
used by	element <a href="#">MessageHeader</a>
annotation	documentation Date and time when the message was created by the legacy system
source	<pre>&lt;xs:element name="MessageDateTimeCreated" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and time when the message was created by the legacy system&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **MessageHeader**

diagram	<p>Used for all messages</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageReference</a> <a href="#">MessageRoutingID</a> <a href="#">SenderReference</a> <a href="#">MessageDateTimeCreated</a> <a href="#">Recipient</a>
used by	elements <a href="#">AlertMessage</a> <a href="#">ChangeofTrackMessage</a> <a href="#">ConsignmentOrderMessage</a> <a href="#">ErrorMessage</a> <a href="#">LocationFileDatasetMessage</a> <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a> <a href="#">RollingStockDatasetMessage</a> <a href="#">RollingStockDatasetQueryMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainForecastAtReportingLocationMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a> <a href="#">WagonArrivalNoticeMessage</a> <a href="#">WagonDeliveryNoticeMessage</a> <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonDeviationMessage</a> <a href="#">WagonETI ETA Message</a> <a href="#">WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a> <a href="#">WagonReleaseNoticeMessage</a> <a href="#">WagonYardArrivalMessage</a> <a href="#">WagonYardDepartureMessage</a>
annotation	documentation Used for all messages
source	<pre> &lt;xs:element name="MessageHeader"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for all messages&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageReference"/&gt;       &lt;xs:element ref="MessageRoutingID" minOccurs="0"/&gt;       &lt;xs:element ref="SenderReference" minOccurs="0"/&gt;       &lt;xs:element ref="Sender"/&gt;       &lt;xs:element ref="MessageDateTimeCreated" minOccurs="0"/&gt;       &lt;xs:element ref="Recipient"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **MessageIdentifier**

diagram	 <p><b>MessageIdentifier</b> Identification of the Message</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	element <a href="#">MessageReference</a>									
facets	<table> <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	<p>documentation Identification of the Message</p>									
source	<pre>&lt;xs:element name="MessageIdentifier" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of the Message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **MessageReference**

diagram	<pre> <b>MessageReference</b> This element identifies the message  <b>MessageType</b> The reference message type is specified in the following list:   - The following list was agreed within the sector:     2000 ConfigurationOrderMessage     2001 PathCancellationMessage     2002 PathConfirmationMessage     2003 PathDeactivationMessage     2004 PathRescheduleMessage     2005 PathReactivationMessage     2006 PathReconfigurationMessage     2007 RescheduleConfirmationMessage   -- sector messages (Planning)   2008 PathConfirmationMessage   2009 PathDeactivationMessage   2010 PathReactivationMessage   4000 TrainRunningInformationMessage   4001 TrainRunningInformationRequest   4002 TrainRunningInformationResponse   4003 TrainRunningInformationRequestResponse   -- sector messages (Operation)   4004 RescheduleTrainCompositionMessage   4005 TrainReadyMessage   4006 TrainDelayCauseMessage   4007 TrainRunningPositionMessage   4008 TrainRunningInformationMessage   4009 TrainRunningInformationRequest   4010 TrainRunningInformationResponse   4011 AlertMessage   4012 RequestInformationMessage   4013 RequestDeliveryHomeMessage   4014 RequestClearanceInformationMessage   4015 RequestETI_ETRA_Message   4016 RequestComplianceMessage   4017 RequestComplianceResponse   4018 RequestComplianceFailure   4019   -- sector messages (Signalling)   5000 RequestChangeGetHomeMessage   5012 RequestClearanceAndHomeChange   5013 RequestClearanceAndHomeChange   5014 RequestClearanceAndHomeChange   5015 RequestClearanceAndHomeChange   5016   5017 RequestGetDetailedMessage   5018 RequestAuthorisationMessage   5019 RequestClearanceMessage   5020   5021 RequestGetDetailedMessage   5022 RequestGetDetailedMessage   5023 RequestClearanceMessage   -- sector [RU-RU] --   5024 RequestPerformanceMessage   -- sector end --   5025   5026 RequestDetailedControlQuery   5027 RequestDetailedControlQuery   5028 RequestDetailedControlQuery   -- sector [RU-RU] begin --   6000 ClassLinkMessage   6001 DispatchMessage   -- sector end --   6002 -- ErrorMessage   -&gt; ErrorList: [[10..10], 10]   2000 to 2079 for SPDA   messages (see [8.10.94])   -- reserved end -- </pre> <b>MessageTypeVersion</b> Version of the Message   1.0.0 <b>MessageIdentifier</b> Identification of the Message <b>MessageDateTime</b> Generated by the control   tTime
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

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

element **MessageReference/MessageDateTime**

diagram	<b>MessageDateTime</b> Generated by the common Interface
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation Generated by the common Interface
source	<pre>&lt;xs:element name="MessageDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generated by the common Interface&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **MessageRoutingID**

diagram	<b>MessageRoutingID</b> Additional information used to route the message to the correct receiving application (if needed)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	<a href="#"><u>Numeric2-2</u></a>									
properties	content simple									
used by	element <a href="#"><u>MessageHeader</u></a>									
facets	<table> <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	<p>documentation  Additional information used to route the message to the correct receiving application (if needed)</p>									
source	<pre>&lt;xs:element name="MessageRoutingID" type="Numeric2-2"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Additional information used to route the message to the correct receiving application (if needed)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **MessageType**

diagram	<p><b>MessageType</b></p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <ul style="list-style-type: none"> <li>1000 ConsignmentOrderMessage</li> <li>2001 PathCancelledMessage</li> <li>2002 PathConfirmedMessage</li> <li>2003 PathDetailsMessage</li> <li>2004 PathDetailsRefusedMessage</li> <li>2005 PathNotAvailableMessage</li> <li>2006 PathRequestMessage</li> <li>2007 ReceiptConfirmationMessage</li> <li>— sector messages (Planning) —</li> <li>— 2500 PathCoordinationMessage</li> <li>2501 PathSectionNotificationMessage</li> <li>— sector message end —</li> <li>3003 TrainCompositionMessage</li> <li>3006 TrainReadyMessage</li> <li>4001 TrainDelayCauseMessage</li> <li>4004 TrainRunningForecastMessage</li> <li>4005 TrainRunningInformationMessage</li> <li>4006 TrainRunningInterruptionMessage</li> <li>— sector message (Operations) —</li> <li>4500 PassengerTrainCompositionMessage</li> <li>4501 RollingStockRestrictionMessage</li> <li>4504 ChangeOfTrackMessage</li> <li>4505 TrainJourneyModificationMessage</li> <li>— sector message end —</li> <li>5001 AlertMessage</li> <li>5002 WagonArrivalNoticeMessage</li> <li>5003 WagonDeliveryNoticeMessage</li> <li>5004 WagonDepartureNoticeMessage</li> <li>5006 WagonETI_ETA_Message</li> <li>5007 WagonExceptionMessage</li> <li>5008 WagonExceptionReasonMessage</li> <li>— sector message (Wagon interchange) —</li> <li>5009 WagonInterchangeNoticeMessage</li> <li>5012 WagonReceivedAtInterchangeMessage</li> <li>5013 WagonRefusedAtInterchangeMessage</li> <li>— sector message end —</li> <li>5014 WagonReleaseNoticeMessage</li> <li>5015 WagonYardArrivalMessage</li> <li>5016 WagonYardDepartureMessage</li> <li>6002 LocationFileDatasetMessage</li> <li>6003 RollingStockDatasetMessage</li> <li>—sector (RU-RU) —</li> <li>5500 WagonPerformanceMessage</li> <li>— sector end —</li> <li>6004 RollingStockDatasetQueryMessage</li> <li>— sector (TrainID) begin —</li> <li>6500 UpdateLinkMessage</li> <li>6501 ObjectInfoMessage</li> <li>— sector end —</li> <li>9000 ErrorMessage</li> <li>— Reserved: (IM-RU for SFERA) —</li> <li>SF00 to SF99 for SFERA messages (see IRS90940)</li> <li>— Reserved end —</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <b>MessageReference</b>									
facets	<table> <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>4</td> <td></td> </tr> </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> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage      2002 PathConfirmedMessage      2003 PathDetailsMessage      2004 PathDetailsRefusedMessage      2005 PathNotAvailableMessage      2006 PathRequestMessage      2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) --      2500 PathCoordinationMessage      2501 PathSectionNotificationMessage      -- sector message end --</p> <p>3003 TrainCompositionMessage      3006 TrainReadyMessage      4001 TrainDelayCauseMessage      4004 TrainRunningForecastMessage      4005 TrainRunningInformationMessage      4006 TrainRunningInterruptionMessage</p> <p>-- sector message (Operations) --      4500 PassengerTrainCompositionProcessMessage      4501 RollingStockRestrictionMessage      4504 ChangeOfTrackMessage      4505 TrainJourneyModificationMessage      -- sector message end --</p> <p>5001 AlertMessage      5002 WagonArrivalNoticeMessage      5003 WagonDeliveryNoticeMessage      5004 WagonDepartureNoticeMessage      5006 WagonETI_ETA_Message      5007 WagonExceptionMessage      5008 WagonExceptionReasonMessage</p> <p>-- sector message (Wagon interchange) --      5009 WagonInterchangeNoticeMessage      5012 WagonReceivedAtInterchangeMessage      5013 WagonRefusedAtInterchangeMessage      -- sector message end --</p> <p>5014 WagonReleaseNoticeMessage      5015 WagonYardArrivalMessage      5016 WagonYardDepartureMessage</p> <p>6002 LocationFileDatasetMessage      6003 RollingStockDatasetMessage</p> <p>--sector (RU-RU) ---</p>									

	<p>5500 WagonPerformanceMessage -- sector end--</p> <p>6004 RollingStockDatasetQueryMessage</p> <p>-- sector (TrainID) begin --</p> <p>8500 UpateLinkMessage 8501 ObjectInfoMessage -- sector end --</p> <p>9000 ErrorMessage</p> <p>--Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) – Reserved end –</p>
source	<pre>&lt;xs:element name="MessageType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To indicate the message type transmitted or referred to. The following list was agreed within the sector:</pre> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) --</p> <p>2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end --</p> <p>3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage</p> <p>-- sector message (Operations) --</p> <p>4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage -- sector message end --</p> <p>5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonETI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage</p>

	<pre>-- sector message (Wagon interchange) -- 5009      WagonInterchangeNoticeMessage 5012      WagonReceivedAtInterchangeMessage 5013      WagonRefusedAtInterchangeMessage -- sector message end --  5014      WagonReleaseNoticeMessage 5015      WagonYardArrivalMessage 5016      WagonYardDepartureMessage  6002      LocationFileDatasetMessage 6003      RollingStockDatasetMessage  --sector (RU-RU) --- 5500      WagonPerformanceMessage -- sector end---  6004      RollingStockDatasetQueryMessage  -- sector (TrainID) begin -- 8500      UpdateLinkMessage 8501      ObjectInfoMessage -- sector end --  9000      ErrorMessage  --Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) - Reserved end -                                   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xss:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="4"/&gt;   &lt;/xs:restriction&gt; &lt;/xss:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **MessageTypeVersion**

diagram	 <p>Version of the Message Type</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
used by	element <a href="#">MessageReference</a>
facets	Kind Value Annotation maxLength 25

annotation	documentation Version of the Message Type
source	<pre>&lt;xs:element name="MessageTypeVersion"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Version of the Message Type&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="25"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element MinBrakedWeightPercent**

diagram	<b>MinBrakedWeightPercent</b> <p>Minimum percentage of braking claimed by IM for safety reasons.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
facets	<table> <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>&lt;xs:element name="MinBrakedWeightPercent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Minimum percentage of braking claimed by IM for safety reasons.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

**element MinCurveRadius**

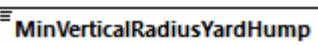
diagram	<b>MinCurveRadius</b> <p>Measured in Metres</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:integer</b>
properties	content simple

used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Measured in Metres
source	<pre>&lt;xs:element name="MinCurveRadius"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measured in Metres&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **MinTemp**

diagram	 <p>Minimum temperature in ° Celsius</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:int</a>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet/TemperatureRange</a>
facets	Kind Value Annotation minInclusive -99 maxInclusive 0
annotation	documentation Minimum temperature in ° Celsius
source	<pre>&lt;xs:element name="MinTemp"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Minimum temperature in ° Celsius&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="-99"/&gt;       &lt;xs:maxInclusive value="0"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **MinVerticalRadiusYardHump**

diagram	 <p>Minimum allowed vertical radius over yard humps. Measured in meters.</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:integer</b>		
properties	content simple		
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999	
annotation	documentation Minimum allowed vertical radius over yard humps. Measured in meters.		
source	<pre>&lt;xs:element name="MinVerticalRadiusYardHump"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Minimum allowed vertical radius over yard humps. Measured in meters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>		

element **ModificationReason**

diagram	 <b>ModificationReason</b> <p>Identifies the reason for the train journey being modified</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	<b>DelayCode</b>		
properties	content simple		
used by	element <a href="#">TrainJourneyModificationMessage</a>		
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

	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	Identifies the reason for the train journey being modified
source	<pre>&lt;xs:element name="ModificationReason" type="DelayCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the reason for the train journey being modified&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>	

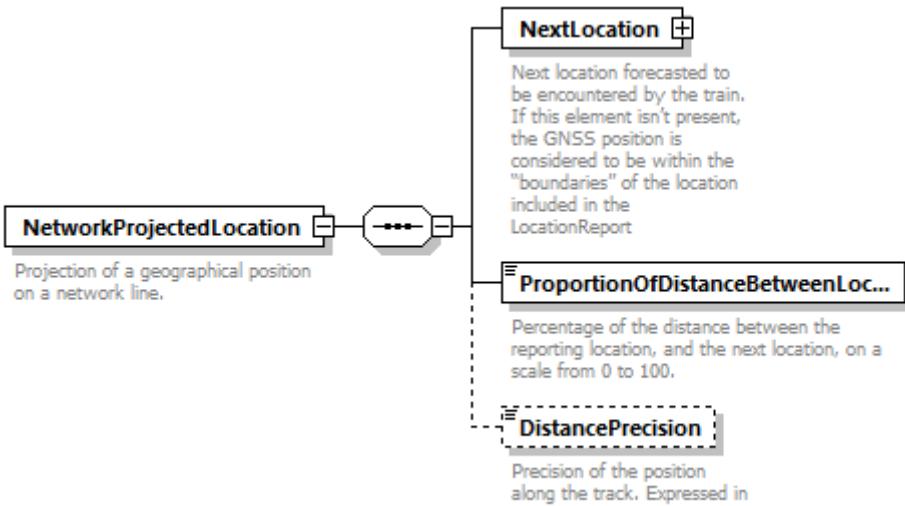
**element ModificationStatusIndicator**

diagram	 <p>This element shows if the location has been added or deleted in the modified train journey</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:integer</a>									
properties	content simple									
used by	element <a href="#">LocationModified</a>									
facets	<table> <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 element shows if the location has been added or deleted in the modified train journey									
source	<pre>&lt;xs:element name="ModificationStatusIndicator"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows if the location has been added or deleted in the modified train journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Name**

diagram	 Generic Name in Free Text
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>
properties	content simple
used by	elements <a href="#">AdministrativeContactInformation</a> <a href="#">Customer</a> <a href="#">Customers</a> <a href="#">RollingRoadUnit/RollingRoadUnitDetails/Haulier</a> <a href="#">NetworkSpecificParameter</a>
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic Name in Free Text
source	<pre>&lt;xs:element name="Name" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic Name in Free Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **NetworkProjectedLocation**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">NextLocation</a> <a href="#">ProportionOfDistanceBetweenLocations</a> <a href="#">DistancePrecision</a>
used by	element <a href="#">GeoLocalisationOnNetwork</a>
annotation	documentation Projection of a geographical position on a network line.
source	<pre>&lt;xs:element name="NetworkProjectedLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Projection of a geographical position on a network line.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="NextLocation" type="LocationIdent"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="DistancePrecision" type="xs:float" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Precision of the position along the track. Expressed in metres.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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## element NetworkProjectedLocation/NextLocation

diagram	<pre> classDiagram     class NextLocation {         &lt;&lt;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&gt;&gt;     }     class LocationIdent     class CountryCodeISO {         &lt;&lt;Identifies a County or State by code (ISO 3166-1)&gt;&gt;     }     class LocationPrimaryCode     class PrimaryLocationName {         &lt;&lt;Location Name in an officiation language of the Country using the ISO Unicode alphabet&gt;&gt;     }     class LocationSubsidiaryIdentification {         &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;     }      NextLocation --&gt; LocationIdent     LocationIdent --&gt; CountryCodeISO     LocationIdent --&gt; LocationPrimaryCode     LocationIdent --&gt; PrimaryLocationName     LocationIdent --&gt; LocationSubsidiaryIdentification </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	<p>documentation</p> <p>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>

source	<pre>&lt;xs:element name="NextLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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**element NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

diagram	 <b>ProportionOfDistanceBetweenLoc...</b> Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">Percentage</a>									
properties	content simple									
facets	<table> <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									
annotation	documentation Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.									
source	<pre>&lt;xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

**element NetworkProjectedLocation/DistancePrecision**

diagram	 <b>DistancePrecision</b> Precision of the position along the track. Expressed in metres.						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	<a href="#">xs:float</a>						
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <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						
annotation	documentation Precision of the position along the track. Expressed in metres.						
source	<pre>&lt;xs:element name="DistancePrecision" type="xs:float" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Precision of the position along the track. Expressed in metres.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>						

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

**element NetworkSpecificParameter**

diagram	<p>The usage of this element must be specified in national rules and has to be defined by each IM</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Name</a> <a href="#">Value</a>
used by	elements <a href="#">AffectedSection</a> <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a> <a href="#">PlannedJourneyLocation</a>
annotation	<p>documentation</p> <p>The usage of this element must be specified in national rules and has to be defined by each IM</p>
source	<pre>&lt;xs:element name="NetworkSpecificParameter"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The usage of this element must be specified in national rules and has to be defined by each IM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Name"/&gt;       &lt;xs:element name="Value" type="FreeText"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

**element NetworkSpecificParameter/Value**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	elements <a href="#">Height</a> <a href="#">Length</a> <a href="#">Width</a>									
facets	<table> <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	<code>&lt;xs:element name="Value" type="FreeText"/&gt;</code>									

element **NextIntermediateDestination**

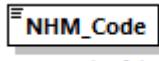
diagram	<p><b>NextIntermediateDestination</b> [ ] --- [ ] <b>IntermediateDestination</b> [ ]  <b>NextIntermediateDestination</b> [ ] --- [ ] <b>DeliveryTimeAtInterchange</b> [ ]</p> <p>Identifies next stopping point on the route of a train</p> <p>A location on the route of a train</p> <p>The scheduled 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	<a href="http://www.era.europa.eu/schemas/TAFTSI/3.4">http://www.era.europa.eu/schemas/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">IntermediateDestination</a> <a href="#">DeliveryTimeAtInterchange</a>
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>
annotation	<p>documentation</p> <p>Identifies next stopping point on the route of a train</p>
source	<pre>&lt;xs:element name="NextIntermediateDestination"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies next stopping point on the route of a train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="IntermediateDestination"/&gt;       &lt;xs:element ref="DeliveryTimeAtInterchange"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **NextResponsibleRU**

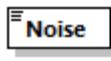
diagram	<p><b>NextResponsibleRU</b> [ ]</p> <p>The RU who is responsible for the train operation on the next journey section.</p>												
namespace	<a href="http://www.era.europa.eu/schemas/TAFTSI/3.4">http://www.era.europa.eu/schemas/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>												
facets	<table> <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>The RU who is responsible for the train operation on the next journey section.</p>												
source	<pre>&lt;xs:element name="NextResponsibleRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The RU who is responsible for the train operation on the next journey section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

	<pre>the next journey section.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	--

element **NHM\_Code**

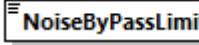
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">NHMCodeType</a>									
properties	content simple									
used by	elements <a href="#">Goods</a> <a href="#">GoodsInWagon</a> <a href="#">GoodsInContainer</a> <a href="#">GoodsInWagon</a> <a href="#">Wagons</a> <a href="#">GoodsInWagon</a>									
facets	<table> <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>&lt;xs:element name="NHM_Code" type="NHMCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;NHM code of the goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **Noise**

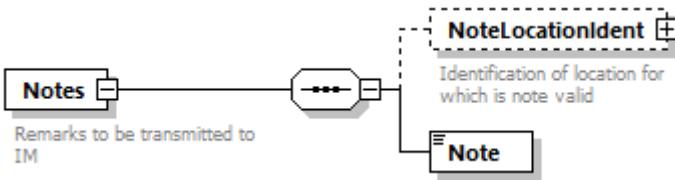
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <a href="#">xs:integer</a>									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</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>&lt;xs:element name="Noise"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Noise level at stand still in decibels&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>									

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **NoiseByPassLimit**

diagram	 <p>Noise limit on reference track</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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	<p>documentation</p> <p>Noise limit on reference track</p>									
source	<pre>&lt;xs:element name="NoiseByPassLimit"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Noise limit on reference track&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Notes**

diagram	 <p>Remarks to be transmitted to IM</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">NoteLocationIdent</a> <a href="#">Note</a>
used by	element <a href="#">TrainRunningData</a>
annotation	<p>documentation</p> <p>Remarks to be transmitted to IM</p>
source	<pre>&lt;xs:element name="Notes"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Remarks to be transmitted to IM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NoteLocationIdent" type="LocationIdent"         minOccurs="0"&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Identification of location for which is note valid&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="Note" type="FreeText"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

## element Notes/NoteLocationIdent

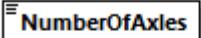
diagram	<pre> classDiagram     class NoteLocationIdent {         &lt;&lt;Identification of location for which is note valid&gt;&gt;     }     class LocationIdent {         &lt;&lt;LocationIdent&gt;&gt;     }     class CountryCodeISO {         &lt;&lt;Identifies a County or State by code (ISO 3166-1)&gt;&gt;     }     class LocationPrimaryCode {         &lt;&lt;LocationPrimaryCode&gt;&gt;     }     class PrimaryLocationName {         &lt;&lt;Location Name in an official language of the Country using the ISO Unicode alphabet&gt;&gt;     }     class LocationSubsidiaryIdentification {         &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;     }      NoteLocationIdent "0..1" *-- "0..1" LocationIdent     NoteLocationIdent "0..1" *-- "0..1" CountryCodeISO     NoteLocationIdent "0..1" *-- "0..1" LocationPrimaryCode     NoteLocationIdent "0..1" *-- "0..1" PrimaryLocationName     NoteLocationIdent "0..1" *-- "0..1" LocationSubsidiaryIdentification </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Identification of location for which is note valid
source	<pre> &lt;xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of location for which is note valid&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt; </pre>

## element Notes/Note

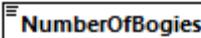
diagram	<pre> classDiagram     class Note {         &lt;&lt;Note&gt;&gt;     }     class FreeText {         &lt;&lt;FreeText&gt;&gt;     }      Note "0..1" *-- "0..1" FreeText </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>

properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="Note" type="FreeText"/>

element **NumberOfAxles**

diagram	
	The sum of number of axles of all wagons and all traction units
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:integer</a>
properties	content simple
used by	element <a href="#">TrainRunningTechData</a>
facets	Kind Value Annotation minInclusive 0000 maxInclusive 9999
annotation	documentation The sum of number of axles of all wagons and all traction units
source	<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:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **NumberOfBogies**

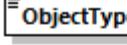
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:int</a>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 9
source	<xs:element name="NumberOfBogies">

	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:int"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="9"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **NumberOfVehicles**

diagram	 <p>The sum of number of wagons and number of traction units</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">TrainRunningTechData</a>									
facets	<table> <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	<p>documentation</p> <p>The sum of number of wagons and number of traction units</p>									
source	<pre> &lt;xs:element name="NumberOfVehicles"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The sum of number of wagons and number of traction units&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0000"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>

properties	content simple		
used by	complexTypes <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a>		
facets	Kind pattern	Value [0-9A-Z]{2}	Annotation
	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> &lt;xs:element name="ObjectType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="[0-9A-Z]{2}" /&gt;       &lt;xs:enumeration value="TR"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Train (TR)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="RO"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Route (RO)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="PA"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Path (PA)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="CR"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Case Reference (CR)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="PR"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Path Request (PR)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>		

	<pre> &lt;xs:enumeration value="CN"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Capacity Needs Announcements (CN)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="CM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Capacity Model (CM)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="CP"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Catalogue Path (CP)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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**element Offset**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:integer</b>
properties	content simple
used by	element <a href="#">TimingAtLocation/Timing</a>
source	<pre>&lt;xs:element name="Offset" type="xs:integer"/&gt;</pre>

**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.&gt;</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:integer</b>
properties	content simple

used by	element <a href="#">PlannedCalendar</a>
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.&gt;</p>
source	<pre>&lt;xs:element name="OffsetToReference" type="xs:integer"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element OnDemandPath**

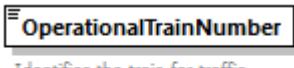
diagram	<b>OnDemandPath</b> <p>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedJourneyLocation</a>
annotation	<p>documentation</p> <p>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</p>
source	<pre>&lt;xs:element name="OnDemandPath" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element OperationalTrainCouplingStrength**

diagram	<b>OperationalTrainCouplingStrength</b> <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/3.4
type	restriction of <b>xs:integer</b>
properties	content simple

used by	element <a href="#">PlannedTrainTechnicalData</a>									
facets	<table> <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	<p>documentation</p> <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>									
source	<pre>&lt;xs:element name="OperationalTrainCouplingStrength"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element [OperationalTrainNumber](#)

diagram	 <p>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">String1-8</a>									
properties	content simple									
used by	elements <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">PlannedJourneyLocation</a>									
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>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	<p>documentation</p> <p>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p>									
source	<pre>&lt;xs:element name="OperationalTrainNumber" type="String1-8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **OperationalTrainNumberIdentifier**

diagram	<pre> classDiagram     class OperationalTrainNumberIdentifier {         &lt;&lt;OperationalTrainNumberIdentifier&gt;&gt;         &lt;&lt;OperationalTrainNumber&gt;&gt;         &lt;&lt;ScheduledTimeAtHandover&gt;&gt;         &lt;&lt;ScheduledDateTimeAtTransfer&gt;&gt;     }     OperationalTrainNumberIdentifier "1" --&gt; "1" OperationalTrainNumber     OperationalTrainNumberIdentifier "1" --&gt; "1" ScheduledTimeAtHandover     OperationalTrainNumberIdentifier "1" --&gt; "1" ScheduledDateTimeAtTransfer   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">OperationalTrainNumber</a> <a href="#">ScheduledTimeAtHandover</a> <a href="#">ScheduledDateTimeAtTransfer</a>
used by	elements <a href="#">AffectedLocation</a> <a href="#">AffectedSection</a> <a href="#">ChangeofTrackMessage</a> <a href="#">ReferenceOTN</a> <a href="#">TrainAtLocation</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
source	<pre> &lt;xss:element name="OperationalTrainNumberIdentifier"&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="OperationalTrainNumber"/&gt;       &lt;xss:element ref="ScheduledTimeAtHandover" minOccurs="0"/&gt;       &lt;xss:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

element **OriginCountry**

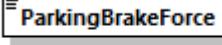
diagram	<pre> classDiagram     class OriginCountry {         &lt;&lt;OriginCountry&gt;&gt;     }   </pre>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <a href="#">CountryIdentISO</a>												
properties	content simple												
used by	elements <a href="#">ILU_Details</a> <a href="#">ITU_Details</a> <a href="#">Wagons/WagonDetails</a>												
facets	<table> <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	<p>documentation</p> <p>Code of origin country of the UTI.</p> <p>documentation</p> <p>CODE: ISO-3166-2</p>												
source	<pre> &lt;xss:element name="OriginCountry"&gt;   </pre>												

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Code of origin country of the UTI.&lt;/xs:documentation&gt;   &lt;xs:documentation&gt;CODE: ISO-3166-2&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="CountryIdentISO"&gt;     &lt;xs:pattern value="[A-Z][A-Z]" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **OverhaulValidityPeriod**

diagram	 <p>Validity period of last overhaul in years as marked on the wagon</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#"><b>RollingStockDataset/DesignDataSet</b></a>									
facets	<table> <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	<p>documentation</p> <p>Validity period of last overhaul in years as marked on the wagon</p>									
source	<pre> &lt;xs:element name="OverhaulValidityPeriod"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Validity period of last overhaul in years as marked on the wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxExclusive value="20"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	elements <a href="#">HandBrake WagonTechData</a>									
facets	<table> <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>&lt;xs:element name="ParkingBrakeForce"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="5"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

**element PassengerFlag**

diagram	 <p>Identifies that the Entity or Location is for Passenger Activity</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	<p>documentation</p> <p>Identifies that the Entity or Location is for Passenger Activity</p>
source	<pre>&lt;xs:element name="PassengerFlag" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies that the Entity or Location is for Passenger Activity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **PathCanceledMessage**

diagram	<pre> classDiagram     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class AdministrativeContactInformation {         &lt;&lt;Used to define administrative contact information&gt;&gt;     }     class Identifiers {         &lt;&lt;Identifiers&gt;&gt;     }     class ReferenceTrainIDSubCalendar {         &lt;&lt;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 = PlannedCalender&gt;&gt;     }     class MessageStatus {         &lt;&lt;Assigned by the Sender 1=creation, 2=modification, 3=deletion&gt;&gt;     }     class TypeOfRequest {         &lt;&lt;Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)&gt;&gt;     }     class MessageType {         &lt;&lt;Business process type to further distinguish among type of requests.&gt;&gt;     }     class TypeOfInformation {         &lt;&lt;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&gt;&gt;     }     class CoordinatingIM {         &lt;&lt;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.&gt;&gt;     }     class LeadRU {         &lt;&lt;Lead Railway Undertaking&gt;&gt;     }     class AffectedSection {         &lt;&lt;Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path&gt;&gt;     }     class FreeTextField {         &lt;&lt;Free Text&gt;&gt;     }      class PathCanceledMessage {         &lt;&lt;Path Canceled message according to Short Term Path Request specification (WG5)&gt;&gt;     }     PathCanceledMessage &lt; -- MessageHeader     PathCanceledMessage &lt; -- AdministrativeContactInformation     PathCanceledMessage &lt; -- Identifiers     PathCanceledMessage &lt; -- ReferenceTrainIDSubCalendar     PathCanceledMessage &lt; -- MessageStatus     PathCanceledMessage &lt; -- TypeOfRequest     PathCanceledMessage &lt; -- MessageType     PathCanceledMessage &lt; -- TypeOfInformation     PathCanceledMessage &lt; -- CoordinatingIM     PathCanceledMessage &lt; -- LeadRU     PathCanceledMessage &lt; -- AffectedSection     PathCanceledMessage &lt; -- FreeTextField   </pre> <p><b>PathCanceledMessage</b> (Path Canceled message according to Short Term Path Request specification (WG5))</p> <p>Attributes:</p> <ul style="list-style-type: none"> <li><b>MessageHeader</b>: Used for all messages</li> <li><b>AdministrativeContactInformation</b>: Used to define administrative contact information</li> <li><b>Identifiers</b></li> <li><b>ReferenceTrainIDSubCalendar</b>: 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 = PlannedCalender"</li> <li><b>MessageStatus</b>: Assigned by the Sender 1=creation, 2=modification, 3=deletion</li> <li><b>TypeOfRequest</b>: Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</li> <li><b>MessageType</b>: Business process type to further distinguish among type of requests.</li> <li><b>TypeOfInformation</b>: 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</li> <li><b>CoordinatingIM</b>: 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.</li> <li><b>LeadRU</b>: Lead Railway Undertaking</li> <li><b>AffectedSection</b>: Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path</li> <li><b>FreeTextField</b>: Free Text</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">AffectedSection</a> <a href="#">FreeTextField</a>
annotation	documentation Path Canceled message according to Short Term Path Request specification (WG5)
source	<pre> &lt;xs:element name="PathCanceledMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Path Canceled message according to Short Term Path Request specification (WG5)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TypeOfRequest" minOccurs="0"/&gt;       &lt;xs:element ref="ProcessType" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfInformation" minOccurs="0"/&gt;       &lt;xs:element ref="CoordinatingIM" minOccurs="0"/&gt;       &lt;xs:element ref="LeadRU" minOccurs="0"/&gt;       &lt;xs:element ref="AffectedSection" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **PathConfirmedMessage**

diagram	<pre> classDiagram     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class AdminContactInformation {         &lt;&lt;Used to define administrative contact information&gt;&gt;     }     class Identifiers {         &lt;&lt;Identifiers&gt;&gt;     }     class ReferenceTrainIDSubCalendar {         &lt;&lt;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&lt;/&gt;&gt;     }     class MessageStatus {         &lt;&lt;Assigned by the Sender 1=creation, 2=modification, 3=deletion&gt;&gt;     }     class TypeOfRequest {         &lt;&lt;Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)&gt;&gt;     }     class ProcessType {         &lt;&lt;Business process type to further distinguish among type of requests.&gt;&gt;     }     class TypeOfInformation {         &lt;&lt;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&gt;&gt;     }     class CoordinatingIM {         &lt;&lt;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.&gt;&gt;     }     class LeadRU {         &lt;&lt;Lead Railway Undertaking&gt;&gt;     }     class AffectedSection {         &lt;&lt;Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path&gt;&gt;     }      class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     } &lt; -- PathConfirmedMessage     class AdminContactInformation {         &lt;&lt;Used to define administrative contact information&gt;&gt;     } &lt; -- PathConfirmedMessage     class Identifiers {         &lt;&lt;Identifiers&gt;&gt;     } &lt; -- PathConfirmedMessage     class ReferenceTrainIDSubCalendar {         &lt;&lt;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&lt;/&gt;&gt;     } &lt; -- PathConfirmedMessage     class MessageStatus {         &lt;&lt;Assigned by the Sender 1=creation, 2=modification, 3=deletion&gt;&gt;     } &lt; -- PathConfirmedMessage     class TypeOfRequest {         &lt;&lt;Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)&gt;&gt;     } &lt; -- PathConfirmedMessage     class ProcessType {         &lt;&lt;Business process type to further distinguish among type of requests.&gt;&gt;     } &lt; -- PathConfirmedMessage     class TypeOfInformation {         &lt;&lt;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&gt;&gt;     } &lt; -- PathConfirmedMessage     class CoordinatingIM {         &lt;&lt;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.&gt;&gt;     } &lt; -- PathConfirmedMessage     class LeadRU {         &lt;&lt;Lead Railway Undertaking&gt;&gt;     } &lt; -- PathConfirmedMessage     class AffectedSection {         &lt;&lt;Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path&gt;&gt;     } &lt; -- PathConfirmedMessage   </pre> <p><b>PathConfirmedMessage</b></p> <p>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAF-TSI/3.4">http://www.era.europa.eu/schemes/TAF-TSI/3.4</a>

properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">AffectedSection</a>
annotation	documentation This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request
source	<pre> &lt;xs:element name="PathConfirmedMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TypeOfRequest" minOccurs="0"/&gt;       &lt;xs:element ref="ProcessType" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfInformation" minOccurs="0"/&gt;       &lt;xs:element ref="CoordinatingIM" minOccurs="0"/&gt;       &lt;xs:element ref="LeadRU" minOccurs="0"/&gt;       &lt;xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **PathDetailsMessage**

diagram	<pre> classDiagram     class MessageHeader {         Used for all messages     }     class AdministrativeContactInformation {         Used to define administrative contact information     }     class Identifiers     class ReferenceTrainIDSubCalendar {         ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may be shifted depending on value on element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalender     }     class MessageStatus {         Assigned by the Sender         1=creation, 2=modification, 3=deletion     }     class TypeOfRUHarmonization {         Type of RU harmonization: Full, Part, None.     }     class TypeOfIMHarmonization {         Enumeration of Type of IM harmonization: Full, Part     }     class CoordinatingIM {         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.     }     class LeadRU {         Lead Railway Undertaking     }     class TypeOfRequest {         1 Path study         2 Path request         3 Path Modification     }     class ProcessType {         Business process type to further distinguish among type of requests.     }     class TypeOfInformation {         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     }     class PathInformation     class NetworkSpecificParameter {         0..∞         A structured section for specific mandatory attributes for that network. This has to be checked by the application that network section is contained in journey location only if journey location belongs to PathInformation element     }     class FreeTextField {         0..∞         Free Text     }      PathDetailsMessage &lt; -- MessageHeader     PathDetailsMessage &lt; -- AdministrativeContactInformation     PathDetailsMessage &lt; -- Identifiers     PathDetailsMessage &lt; -- ReferenceTrainIDSubCalendar     PathDetailsMessage &lt; -- MessageStatus     PathDetailsMessage &lt; -- TypeOfRUHarmonization     PathDetailsMessage &lt; -- TypeOfIMHarmonization     PathDetailsMessage &lt; -- CoordinatingIM     PathDetailsMessage &lt; -- LeadRU     PathDetailsMessage &lt; -- TypeOfRequest     PathDetailsMessage &lt; -- ProcessType     PathDetailsMessage &lt; -- TypeOfInformation     PathDetailsMessage &lt; -- PathInformation     PathDetailsMessage &lt; -- NetworkSpecificParameter     PathDetailsMessage &lt; -- FreeTextField   </pre> <p>This message is used by the IM to the RU confirming details of the path in response to an RU request</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRUHarmonization</a> <a href="#">TypeOfIMHarmonization</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">PathInformation</a> <a href="#">NetworkSpecificParameter</a> <a href="#">FreeTextField</a>
annotation	documentation This message is used by the IM to the RU confirming details of the path in response to an RU request
source	<pre> &lt;xs:element name="PathDetailsMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the IM to the RU confirming details of the path in response to an RU request&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TypeOfRUHarmonization" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfIMHarmonization" minOccurs="0"/&gt;       &lt;xs:element ref="CoordinatingIM" minOccurs="0"/&gt;       &lt;xs:element ref="LeadRU" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfRequest"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;1 Path study 2 Path request 3 Path Modification &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ProcessType" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfInformation"/&gt;       &lt;xs:element ref="PathInformation"/&gt;       &lt;xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **PathDetailsRefusedMessage**

diagram	<pre> graph TD     PD[PathDetailsRefusedMessage] --- MH[MessageHeader]     PD --- ACI[AdministrativeContactInformation]     PD --- I[Identifiers]     PD --- RTS[ReferenceTrainIDSubCalendar]     PD --- MS[MessageStatus]     PD --- TR[TypeOfRequest]     PD --- PT[ProcessType]     PD --- TI[TypeOfInformation]     PD --- C[CoordinatingIM]     PD --- L[LeadRU]     PD --- RR[RevisedRequest]     PD --- AS[AffectedSection]     PD --- FT[FreeTextField]   </pre> <p>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.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">RevisedRequest</a> <a href="#">AffectedSection</a> <a href="#">FreeTextField</a>
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>&lt;xs:element name="PathDetailsRefusedMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TypeOfRequest" minOccurs="0"/&gt;       &lt;xs:element ref="ProcessType" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfInformation" minOccurs="0"/&gt;       &lt;xs:element ref="CoordinatingIM" minOccurs="0"/&gt;       &lt;xs:element ref="LeadRU" minOccurs="0"/&gt;       &lt;xs:element ref="RevisedRequest" minOccurs="0"/&gt;       &lt;xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/&gt;         &lt;xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt;   &lt;/xs:element&gt;</pre>

element **PathInformation**

diagram	<p>The diagram illustrates the 'PathInformation' element. It features a central class 'PathInformation' connected via a solid line to two other classes: 'PlannedJourneyLocation' and 'PlannedCalendar'. The association with 'PlannedJourneyLocation' is marked with a multiplicity of '2..∞'. The association with 'PlannedCalendar' is marked with a multiplicity of '1..1'. A dashed line connects 'PlannedCalendar' to 'RequestedCalendar', with the note 'subset of the requested calendar' placed near this connection.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">PlannedJourneyLocation</a> <a href="#">PlannedCalendar</a> <a href="#">RequestedCalendar</a>

used by	elements <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a>
source	<pre>&lt;xs:element name="PathInformation"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="PlannedCalendar"/&gt;       &lt;xs:element ref="RequestedCalendar" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;subset of the requested calendar&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

## element PathNotAvailableMessage

diagram	<pre> classDiagram     class MessageHeader {         Used for all messages     }     class AdministrativeContactInformation {         Used to define administrative contact information     }     class Identifiers     class ReferenceTrainIDSubCalendar {         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, i.e. the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar     }     class MessageStatus {         Assigned by the Sender         1=creation, 2=modification, 3=deletion     }     class TypeOfRequest {         Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)     }     class ProcessType {         Business process type to further distinguish among type of requests     }     class TypeOfInformation {         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     }     class CoordinatingIM {         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.     }     class LeadRU {         Lead Railway Undertaking     }     class AffectedSection {         1..∞         Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path     }     class InterruptionInformation {         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.     }     class FreeTextField {         0..∞         Free Text     }      class MessageHeader &lt; -- PathNotAvailableMessage     class PathNotAvailableMessage {         &lt;&lt;Path Not Available message according to Short Term Path Request specification (WG5)&gt;&gt;     }     class AdministrativeContactInformation     class Identifiers     class ReferenceTrainIDSubCalendar     class MessageStatus     class TypeOfRequest     class ProcessType     class TypeOfInformation     class CoordinatingIM     class LeadRU     class AffectedSection     class InterruptionInformation     class FreeTextField </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">AffectedSection</a> <a href="#">InterruptionInformation</a> <a href="#">FreeTextField</a>
annotation	documentation Path Not Available message according to Short Term Path Request specification (WG5)
source	<pre>&lt;xs:element name="PathNotAvailableMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Path Not Available message according to Short Term Path Request specification (WG5) &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TypeOfRequest" minOccurs="0"/&gt;       &lt;xs:element ref="ProcessType" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfInformation" minOccurs="0"/&gt;       &lt;xs:element ref="CoordinatingIM" minOccurs="0"/&gt;       &lt;xs:element ref="LeadRU" minOccurs="0"/&gt;       &lt;xs:element ref="AffectedSection" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="InterruptionInformation"/&gt;       &lt;xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **PathRequestMessage**

diagram	<pre> classDiagram     class MessageHeader {         Used for all messages     }     class AdministrativeContactInformation {         Used to define administrative contact information     }     class Identifiers {         Identifiers     }     class ReferenceTrainIDSubCalendar {         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, i.e the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar     }     class MessageStatus {         Assigned by the Sender         1=creation, 2=modification,         3=deletion     }     class TypeOfRUHarmonization {         Type of RU harmonization: Full, Part, None.     }     class TypeOfIMHarmonization {         Enumeration of Type of IM harmonization: Full, Part     }     class CoordinatingIM {         Proposal from the RU, IM's will decide who will take the role.     }     class LeadRU {         Lead Railway Undertaking     }     class TypeOfRequest {         1 Path study         2 Path request         3 Path Modification     }     class ProcessType {         Business process type to further distinguish among type of requests.     }     class TypeOfInformation {         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     }     class TrainInformation {         Train Information provided by the RUs as an overview for the whole train journey from origin to destination     }     class PathInformation {         Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section     }     class NetworkSpecificParameter {         0..∞         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     }     class FreeTextField {         0..∞         Free Text     }      PathRequestMessage &lt; -- MessageHeader     PathRequestMessage &lt; -- AdministrativeContactInformation     PathRequestMessage &lt; -- Identifiers     PathRequestMessage &lt; -- ReferenceTrainIDSubCalendar     PathRequestMessage &lt; -- MessageStatus     PathRequestMessage &lt; -- TypeOfRUHarmonization     PathRequestMessage &lt; -- TypeOfIMHarmonization     PathRequestMessage &lt; -- CoordinatingIM     PathRequestMessage &lt; -- LeadRU     PathRequestMessage &lt; -- TypeOfRequest     PathRequestMessage &lt; -- ProcessType     PathRequestMessage &lt; -- TypeOfInformation     PathRequestMessage &lt; -- TrainInformation     PathRequestMessage &lt; -- PathInformation     PathRequestMessage &lt; -- NetworkSpecificParameter     PathRequestMessage &lt; -- FreeTextField   </pre> <p>This message serves to request a train path. The message is sent from the RU to each IM involved.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRUHarmonization</a> <a href="#">TypeOfIMHarmonization</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">TrainInformation</a> <a href="#">PathInformation</a> <a href="#">NetworkSpecificParameter</a> <a href="#">FreeTextField</a>
annotation	documentation This message serves to request a train path. The message is sent from the RU to each IM involved.
source	<pre> &lt;xs:element name="PathRequestMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message serves to request a train path. The message is sent from the RU to each IM involved.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TypeOfRUHarmonization" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfIMHarmonization" minOccurs="0"/&gt;       &lt;xs:element ref="CoordinatingIM" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Proposal from the RU, IM's will decide who will take the role.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="LeadRU" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfRequest"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;1 Path study 2 Path request 3 Path Modification &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ProcessType" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfInformation"/&gt;       &lt;xs:element ref="TrainInformation"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Train Information provided by the RUs as an overview for the whole train journey from origin to destination&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="PathInformation"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;A structured section for specific mandatory attributes for that network. This has to be checked by the applications that &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<p>network section is contained in journey location only if journey location belongs to PathInformation element</p> <pre>&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	--

**element PermittedTolerance**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <a href="#">xs:integer</a>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table> <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	<p>documentation</p> <p>Permitted tolerance after date of overhaul (in months)</p>									
source	<pre>&lt;xs:element name="PermittedTolerance"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Permitted tolerance after date of overhaul (in months)&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:maxInclusive value="99"/&gt;         &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

**element PhoneNumber**

diagram				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4			
type	<a href="#">CommunicationRefID</a>			
properties	content simple			
used by	element <a href="#">AdministrativeContactInformation</a>			
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> </table>	Kind	Value	Annotation
Kind	Value	Annotation		

	minLength 1 maxLength 70
annotation	documentation Generic Phone number in Free text
source	<pre>&lt;xs:element name="PhoneNumber" type="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic Phone number in Free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **PickupTimeAtLocation**

diagram	 <p>The date and time of the release of a wagon at customer sidings</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<pre>&lt;xs:element name="PickupTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The date and time of the release of a wagon at customer sidings&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **PlannedCalendar**

diagram	<p>This is the calendar item for path request/path details messages - used in planning phase</p> <p><b>BitmapDays</b> Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p> <p><b>ValidityPeriod</b></p> <p><b>OffsetToReference</b> 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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">BitmapDays</a> <a href="#">ValidityPeriod</a> <a href="#">OffsetToReference</a>
used by	elements <a href="#">AffectedSection</a> <a href="#">PathInformation</a> <a href="#">TrainInformation</a>
annotation	documentation This is the calendar item for path request/path details messages - used in planning phase
source	<pre> &lt;xs:element name="PlannedCalendar"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This is the calendar item for path request/path details messages - used in planning phase&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="BitmapDays" minOccurs="0"/&gt;       &lt;xs:element ref="ValidityPeriod"/&gt;       &lt;xs:element ref="OffsetToReference" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
annotation	<p>documentation</p> <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>
source	<pre>&lt;xs:element name="PlannedDateNextOverhaul" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **PlannedJourneyLocation**

diagram	<pre> classDiagram     class PlannedJourneyLocation {         &lt;&lt;Any location point along the train journey or path&gt;&gt;     }     class LocationIdentifier {         &lt;&lt;Identifies a Country or State by code ISO 3166-1&gt;&gt;     }     class CountryCodeISO {         &lt;&lt;Identifies a Country or State by code ISO 3166-1&gt;&gt;     }     class LocationPrimaryCode {         &lt;&lt;Identifies a location by primary code&gt;&gt;     }     class PrimaryLocationName {         &lt;&lt;Name of the location in the official language of the Country using the IATA Location notation&gt;&gt;     }     class LocationSubsidiaryIdentification {         &lt;&lt;Identifies the administrative entity of subsidiary locations&gt;&gt;     }     class TimingAtLocation {         &lt;&lt;Timing at an operation point. It has an association with the following codes:         - PIA = Planned Journey Arrival         - PIA = Current Location         - PIA = Actual Location Arrival         - PIA = Latest Location Arrival         - PIA = Public Location         - PIA = Current Location         - PIA = Virtual location         - PIA = Estimated Location         - PIA = Latest Location         - PIA = Estimated Run Through         - PIA = Actual Run Through         - PIA = Latest Run Through&gt;&gt;     }     class FreeTextField {         &lt;&lt;Free Text Field&gt;&gt;     }     class ResponsibleAplicant {         &lt;&lt;The element has to be used for the whole journey where the applicant has made the request&gt;&gt;     }     class ResponsibleRU {         &lt;&lt;RU Responsible for the physical operation of the train en route&gt;&gt;     }     class ResponsibleM {         &lt;&lt;IM Responsible for Requesting For Path Requests, this element has to be used at the first journey location. If journey locations consist even for a moment before without mapping of the main case, then the IM can be changing according to the legal entity of each. That means, the new IM has the legal responsibility for the remaining section.&gt;&gt;     }     class PlannedTrainData {         &lt;&lt;Train relevant data for planning purpose&gt;&gt;     }     class StatusOfHarmourization {         &lt;&lt;Status and Term Harmourization. It just sets an indication message if the train has been harmourized or not&gt;&gt;     }     class TrainActivity {         &lt;&lt;This activity can be assigned to journeys. If the activity is assigned to different trains, the reference to other trains should be sensitive to be indicated.&gt;&gt;     }     class OnDemandPath {         &lt;&lt;For the use of an demand or planned path. This is the better addressed or described according to network needs&gt;&gt;     }     class PreArrangedPath {         &lt;&lt;Paths offered for the IMs with predefined frequencies, areas of departure and arrival, and suitable for freight transport services&gt;&gt;     }     class OperationalTrainNumber {         &lt;&lt;Identifies the train for traffic management purposes. For instance, ETCSM services, etc.&gt;&gt;     }     class NetworkSpecificParameter {         &lt;&lt;The usage of this element must be specified in national rules and has to be defined by each EN&gt;&gt;     }     class JourneyLocationTypeCode {         &lt;&lt;JLTC&gt;&gt;     }      PlannedJourneyLocation "1..1" --&gt; LocationIdentifier     PlannedJourneyLocation "1..1" --&gt; TimingAtLocation     PlannedJourneyLocation "1..1" --&gt; FreeTextField     PlannedJourneyLocation "1..1" --&gt; ResponsibleAplicant     PlannedJourneyLocation "1..1" --&gt; ResponsibleRU     PlannedJourneyLocation "1..1" --&gt; ResponsibleM     PlannedJourneyLocation "1..1" --&gt; PlannedTrainData     PlannedJourneyLocation "1..1" --&gt; StatusOfHarmourization     PlannedJourneyLocation "1..1" --&gt; TrainActivity     PlannedJourneyLocation "1..1" --&gt; OnDemandPath     PlannedJourneyLocation "1..1" --&gt; PreArrangedPath     PlannedJourneyLocation "1..1" --&gt; OperationalTrainNumber     PlannedJourneyLocation "1..1" --&gt; NetworkSpecificParameter     PlannedJourneyLocation "1..1" --&gt; JourneyLocationTypeCode   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAF-TSI/3.4">http://www.era.europa.eu/schemes/TAF-TSI/3.4</a>

type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">TimingAtLocation</a> <a href="#">FreeTextField</a> <a href="#">ResponsibleApplicant</a> <a href="#">ResponsibleRU</a> <a href="#">ResponsibleIM</a> <a href="#">PlannedTrainData</a> <a href="#">StatusOfHarmonization</a> <a href="#">TrainActivity</a> <a href="#">OnDemandPath</a> <a href="#">PreArrangedPath</a> <a href="#">OperationalTrainNumber</a> <a href="#">NetworkSpecificParameter</a> <a href="#">JourneyLocationTypeCode</a>
used by	elements <a href="#">PathInformation</a> <a href="#">TrainInformation</a>
annotation	documentation Any operation point along the train journey or path
source	<pre> &lt;xs:element name="PlannedJourneyLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Any operation point along the train journey or path&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="LocationIdent"&gt;         &lt;xs:sequence minOccurs="1"&gt;           &lt;xs:element ref="TimingAtLocation" minOccurs="0"/&gt;           &lt;xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/&gt;           &lt;xs:element ref="ResponsibleApplicant" minOccurs="0"/&gt;           &lt;xs:element ref="ResponsibleRU" minOccurs="0"/&gt;           &lt;xs:element ref="ResponsibleIM" minOccurs="0"/&gt;           &lt;xs:element ref="PlannedTrainData" minOccurs="0"/&gt;           &lt;xs:element name="StatusOfHarmonization" minOccurs="0"&gt;             &lt;xs:annotation&gt;               &lt;xs:documentation&gt;Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:complexType&gt;               &lt;xs:sequence&gt;                 &lt;xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"&gt;                   &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.&lt;/xs:documentation&gt;                   &lt;/xs:annotation&gt;                   &lt;/xs:element&gt;                   &lt;xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                     &lt;/xs:element&gt;                   &lt;/xs:sequence&gt;                 &lt;/xs:complexType&gt;                 &lt;/xs:element&gt;                 &lt;xs:element ref="TrainActivity" minOccurs="0" maxOccurs="unbounded"/&gt;                 &lt;xs:element ref="OnDemandPath" minOccurs="0"/&gt;               &lt;/xs:sequence&gt;             &lt;/xs:complexType&gt;           &lt;/xs:element&gt;         &lt;/xs:sequence&gt;       &lt;/xs:extension&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

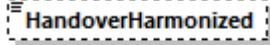
	<pre> &lt;xs:element ref="PreArrangedPath" minOccurs="0"/&gt; &lt;xs:element ref="OperationalTrainNumber" minOccurs="0"/&gt; &lt;xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element ref="JourneyLocationTypeCode" minOccurs="1" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **PlannedJourneyLocation/StatusOfHarmonization**

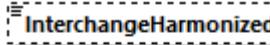
diagram	<p>The diagram shows a class named "StatusOfHarmonization". It has two outgoing associations. The first association is labeled "HandoverHarmonized" and the second is labeled "InterchangeHarmonized".</p> <p><b>StatusOfHarmonization</b></p> <p>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p> <p><b>HandoverHarmonized</b> IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p> <p><b>InterchangeHarmonized</b> RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">HandoverHarmonized</a> <a href="#">InterchangeHarmonized</a>
annotation	<p>documentation</p> <p>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p>
source	<pre> &lt;xs:element name="StatusOfHarmonization" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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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/3.4
type	<b>xs:boolean</b>
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> &lt;xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </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/3.4
type	<b>xs:boolean</b>
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> &lt;xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
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element **PlannedSpeed**

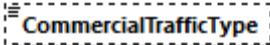
diagram	 <p>IM may inform the RA on the speed which was the basis for path construction</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">Speed</a>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
facets	<table> <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	<p>documentation</p> <p>IM may inform the RA on the speed which was the basis for path construction</p>									
source	<pre>&lt;xs:element name="PlannedSpeed" type="Speed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM may inform the RA on the speed which was the basis for path construction&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

## element **PlannedTrainData**

diagram	<p><b>TrainType</b></p> <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:</p> <ul style="list-style-type: none"> <li>Transport of passengers</li> <li>Transport of freight/goods</li> <li>Transport of passengers and freight/goods</li> <li>Train only for run of traction unit/locomotive</li> <li>Train of the IM in case of emergency</li> <li>The element is not repeatable, and it does not support any overlapping meaning.</li> </ul> <p><b>TrafficType</b></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><b>PushPullTrain</b></p> <p>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</p> <p><b>TypeofService</b></p> <p>Information about the services available on a train. Used for publication towards the passenger</p> <p><b>CommercialTrafficType</b></p> <p><b>PlannedTrainTechnicalData</b></p> <p>Shows the relevant technical data for a running train</p> <p><b>ExceptionalGaugingIdent</b></p> <p>0..∞</p> <p>Indicates that an exceptional Gauging is in the train or for the wagon</p> <p><b>DangerousGoodsIndication</b></p> <p>0..∞</p> <p>Identifies dangerous goods</p> <p><b>CombinedTrafficLoadProfile</b></p> <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> <li>• One option refers to "P" (Semi-trailer/road semi-trailer);</li> <li>• The other option refers to "C" (Swap body);</li> </ul> <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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<b>TrainType</b> <a href="#">TrafficType</a> <a href="#">PushPullTrain</a> <a href="#">TypeofService</a> <a href="#">CommercialTrafficType</a> <a href="#">PlannedTrainTechnicalData</a> <a href="#">ExceptionalGaugingIdent</a> <a href="#">DangerousGoodsIndication</a> <a href="#">CombinedTrafficLoadProfile</a>
used by	element <a href="#">PlannedJourneyLocation</a>
annotation	documentation Train relevant data for a planning period
source	<pre>&lt;xs:element name="PlannedTrainData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Train relevant data for a planning period&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainType" minOccurs="0"/&gt;       &lt;xs:element ref="TrafficType" minOccurs="0"/&gt;       &lt;xs:element ref="PushPullTrain" minOccurs="0"/&gt;       &lt;xs:element ref="TypeofService" minOccurs="0"/&gt;       &lt;xs:element name="CommercialTrafficType"         type="tap:type7009BrandNameCodeList" minOccurs="0"/&gt;       &lt;xs:element ref="PlannedTrainTechnicalData"/&gt;       &lt;xs:element ref="ExceptionalGaugingIdent" minOccurs="0"         maxOccurs="unbounded"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"         maxOccurs="unbounded"/&gt;       &lt;xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **PlannedTrainData/CommercialTrafficType**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<b>type7009BrandNameCodeList</b>												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table> <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 <b>Car sleeper train, motor rail (CST)</b> documentation 14 documentation 0 enumeration 48 documentation SAE documentation SAE documentation <b>Unaccompanied car service, motor rail</b> documentation 14 documentation 0 enumeration 49 documentation EIC documentation EkspresIC documentation <b>Fast and Comfortable Interregional trains</b> 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
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		8 documentation 0 documentation  documentation Talgo documentation 9 documentation 0 documentation OTU documentation Oresundstog documentation Oresundstog documentation 10 documentation 0 documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8 documentation 0 documentation TRN documentation Intercités documentation Intercités documentation 9 documentation 0 documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0 documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0
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	enumeration 64	documentation  documentation <b>Hotel Train</b> documentation 13 documentation 0
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		<b>High-speed train</b>
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	enumeration 214	documentation  documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0
	enumeration 215	documentation  documentation

		Railpromo Austria Express/Treski documentation Austria Express/Treski documentation 13 documentation 0 documentation
		documentation PRECIOS MERCADO documentation Precios Mercado documentation 9 documentation 0 documentation
		TGV documentation TGV documentation TGV documentation 8 documentation 0 documentation
		FB documentation FB documentation FernBus documentation 32 documentation 0 documentation
		ICB documentation Intercitybus documentation ÖBB-Intercitybus documentation 32 documentation 0 documentation
		TLK documentation TLK train documentation Yours Rail Lines documentation 10 documentation 0 documentation
		A documentation RailBus documentation RailBus

		documentation 32 documentation 0 enumeration 227 documentation <b>BUS</b> documentation Replacement bus for Regional Train documentation Replacement bus for Regional Train documentation 32 documentation 0 enumeration 228 documentation <b>IR</b> documentation InterREGIO train documentation InterREGIO train documentation 10 documentation 0 enumeration 229 documentation <b>IRB</b> documentation Replacement bus for InterRegio train documentation Replacement bus for InterRegio train documentation 32 documentation 0 enumeration 230 documentation <b>MP</b> documentation Fast International Train documentation Fast International Train documentation 10 documentation 0 enumeration 231 documentation <b>MR</b> documentation musicREGIO train documentation musicREGIO train documentation 11 documentation 0 enumeration 232 documentation <b>Os</b> documentation Stopping Train documentation Stopping Train documentation 11 documentation
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	enumeration 233	0 documentation P documentation <b>Fast Train</b> documentation <b>Fast Train</b> documentation 10 documentation 0
	enumeration 234	documentation R documentation <b>REGIO train</b> documentation <b>REGIO train</b> documentation 11 documentation 0
	enumeration 235	documentation RE documentation <b>REGIOekspres train</b> documentation <b>REGIOekspres train</b> documentation 10 documentation 0
	enumeration 236	documentation VR documentation <b>viaREGIO train</b> documentation <b>viaREGIO train</b> documentation 11 documentation 0
	enumeration 237	documentation TK documentation <b>TurKol</b> documentation <b>TurKol</b> documentation 11 documentation 0
	enumeration 238	documentation EIP documentation <b>EIC Premium</b> documentation <b>High-speed train</b> documentation 8 documentation 0
	enumeration 239	documentation <b>SKM</b>

		documentation PKP SKM w Trojmiescie documentation PKP SKM w Trojmiescie documentation 12 documentation 0 enumeration 240 documentation SA documentation SAPSAN documentation High speed train documentation 8 documentation 0 enumeration 242 documentation STR documentation STRIZH documentation Strizh night train documentation 13 documentation 0 enumeration 243 documentation STR documentation STRIZH documentation Strizh interregional documentation 8 documentation 0 enumeration 244 documentation NJ documentation NJ documentation NJ Night Jet documentation 13 documentation 0 enumeration 245 documentation CAR documentation AUTOCAR documentation French regional buses (not sold via Hermes) documentation 32 documentation 0 enumeration 246 documentation RJX documentation RJX documentation
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		RJX railjet xpress documentation 8 documentation 0 documentation CJX documentation CJX documentation CJX cityjet xpress documentation 10 documentation 0 documentation Night train BC documentation Night train BC documentation 13 documentation 0 documentation TGV documentation TGV INOUI documentation TGV INOUI documentation 8 documentation 0 documentation TGV documentation TGV INOUI documentation TGV INOUI DUPLEX (double decker TGV) documentation 8 documentation 0 documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation 10 documentation 0 documentation TGO documentation Treno Gottardo documentation Treno Gottardo (Panorama Train) documentation 10 documentation 0
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	enumeration 253	documentation VAE documentation <b>Voralpen-Express</b> documentation <b>Voralpen-Express (Panorama Train)</b> documentation 10 documentation 0
	enumeration 254	documentation LK documentation <b>FRECCIALINK</b> documentation <b>FRECCIALINK</b> documentation 32 documentation 0
	enumeration 255	documentation FRN documentation <b>FRECCIAROSSA NOTTE</b> documentation <b>FRECCIAROSSA NOTTE</b> documentation 13 documentation 0
	enumeration 256	documentation ABS documentation <b>ANEK – SUPERFAST JOINT VENTURE</b> documentation <b>Domestic routes Crete</b> documentation 33 documentation 0
	enumeration 257	documentation ASF documentation <b>ANEK – SUPERFAST JOINT VENTURE</b> documentation <b>International Lines Italy-Greece and V.V.</b> documentation 33 documentation 0
	enumeration 258	documentation BSF documentation <b>BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE</b> documentation <b>Domestic routes Greece</b> documentation 33 documentation 0
	enumeration 259	documentation HSW documentation

	BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0
source	<xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/>

element **PlannedTrainTechnicalData**

diagram	<pre> <b>PlannedTrainTechnicalData</b>   ↗ MinAdireWeight   ↗ BrakingType   ↗ EmergencyBrakeActivation   ↗ BrakingRate   ↗ MinBrakeWeightPercent   ↗ BrakeWeight   ↗ BrakeCSystems   ↗ TrainRadioSystem   ↗ TittingForceTool   ↗ OperationalTrainCouplingStrength   ↗ BogieWagonsOnly  <b>TrainWeight</b> (The sum of all weights of wagons and train units) <b>TrainLength</b> (The calculated length of a train, sum of all lengths of all wagons in the wagon set, measured in meters) <b>WeightOfSetOfCarriages</b> (The calculated maximum weight of all carriages included the maximum weight of the locomotive) <b>LengthOfSetOfCarriages</b> (The calculated and rounded up maximum length of all carriages included the maximum weight of the locomotive. This is mainly optional, because unit Trainlength, but it would be implemented by disseminators as a local database) <b>TrainDetails</b> (Indicates the basic technical data of the locomotive and its maximum speed) <b>TrainMaxSpeed</b> (The maximum speed of a train, if any, in km/h) <b>HighestPlannedSpeed</b> (Maximum speed on the track which has the basis for path determination) <b>PlannedSpeed</b> (On track, within the RA-area, at which the train has the basis for path determination) <b>Coupling</b> (Information about the HU, whether the driver can rely on coupling. This is of both assessment and analytical purposes. The coupling of the passenger carriage train (coupling) is not allowed as far as the coupling of the last carriage of the last section during the coupling only) <b>MaxAdireWeight</b> (Indicates the maximum adire weight) <b>BrakingType</b> (Type of braking system) <b>EmergencyBrakeActivation</b> (Indicates the emergency brake activation of the entire train (all wagons and train units) in response to the emergency brake signal) <b>BrakingRate</b> (Indicates the percentage of braking, decreased at all stages, which the permanent grip force decreases) <b>MinBrakeWeightPercent</b> (Indicates the minimum weight of the train in response to the emergency brake signal) <b>BrakeWeight</b> (Indicates the weight of the wagon according to the type of the braking system) <b>BrakeCSystems</b> (Indicates the command system of the train to control a braking system) <b>TrainRadioSystem</b> (Indicates the radio system of the train or control system) <b>TittingForceTool</b> (Indicates the titting force used in titting the train) <b>OperationalTrainCouplingStrength</b> (Indicates the coupling strength of the train, resulting in a visual technical characteristics for the presentation of a single train message) <b>BogieWagonsOnly</b> (Indicates whether the train consists of bogie supported units, in the "Yes" case, none of the carriages of the train are bogie supported. Their contents of elements in "Yes" have an element with the name "train" consisting of different supports (not homogeneous, only a single support).   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex

children	<a href="#">TrainWeight</a> <a href="#">TrainLength</a> <a href="#">WeightOfSetOfCarriages</a> <a href="#">LengthOfSetOfCarriages</a> <a href="#">TractionDetails</a> <a href="#">TrainMaxSpeed</a> <a href="#">HighestPlannedSpeed</a> <a href="#">PlannedSpeed</a> <a href="#">Coasting</a> <a href="#">MaxAxleWeight</a> <a href="#">RouteClass</a> <a href="#">BrakeType</a> <a href="#">EmergencyBrakeOverride</a> <a href="#">BrakingRatio</a> <a href="#">MinBrakedWeightPercent</a> <a href="#">BrakeWeight</a> <a href="#">TrainCC_System</a> <a href="#">TrainRadioSystem</a> <a href="#">TiltingFunction</a> <a href="#">OperationalTrainCouplingStrength</a> <a href="#">BogieWagonsOnly</a>
used by	element <a href="#">PlannedTrainData</a>
annotation	documentation Shows the relevant technical data for a running train
source	<pre> &lt;xs:element name="PlannedTrainTechnicalData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shows the relevant technical data for a running train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainWeight"/&gt;       &lt;xs:element ref="TrainLength"/&gt;       &lt;xs:element ref="WeightOfSetOfCarriages" minOccurs="0"/&gt;       &lt;xs:element ref="LengthOfSetOfCarriages" minOccurs="0"/&gt;       &lt;xs:element ref="TractionDetails" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="TrainMaxSpeed"/&gt;       &lt;xs:element ref="HighestPlannedSpeed" minOccurs="0"/&gt;       &lt;xs:element ref="PlannedSpeed" minOccurs="0"/&gt;       &lt;xs:element ref="Coasting" minOccurs="0"/&gt;       &lt;xs:element ref="MaxAxleWeight" minOccurs="0"/&gt;       &lt;xs:element ref="RouteClass" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure).&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="BrakeType" minOccurs="0"/&gt;       &lt;xs:element ref="EmergencyBrakeOverride" minOccurs="0"/&gt;       &lt;xs:element ref="BrakingRatio" minOccurs="0"/&gt;       &lt;xs:element ref="MinBrakedWeightPercent" minOccurs="0"/&gt;       &lt;xs:element ref="BrakeWeight" minOccurs="0"/&gt;       &lt;xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="TrainRadioSystem" minOccurs="0"/&gt;       &lt;xs:element ref="TiltingFunction" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Indicates if a train uses a tilting system&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="OperationalTrainCouplingStrength" minOccurs="0"/&gt;       &lt;xs:element ref="BogieWagonsOnly" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **PlannedTransportIdentifiers**

diagram	<pre> classDiagram     class PlannedTransportIdentifiers     class CompositIdentifierPlannedType {         ObjectType         Company         Core         Variant         TimetableYear     }     PlannedTransportIdentifiers --&gt; CompositIdentifierPlannedType   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CompositIdentifierPlannedType</a>
properties	content complex
children	<a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a>
used by	elements <a href="#">ErrorMessage</a> <a href="#">Identifiers</a>
source	<code>&lt;xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/&gt;</code>

element **PostalCode**

diagram	<pre> classDiagram     class PostalCode {         &lt;&lt;The postal code for the postal address&gt;&gt;     }   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:string</b>
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 10
annotation	documentation The postal code for the postal address
source	<pre>&lt;xs:element name="PostalCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The postal code for the postal address&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="10"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element PreArrangedPath**

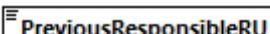
diagram	<b>PreArrangedPath</b> <p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
used by	element <a href="#">PlannedJourneyLocation</a>
facets	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>&lt;xs:element name="PreArrangedPath"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
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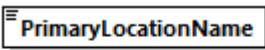
element **PreviousConsignmentNumber**

diagram	 <p>This element shows the previous Reference number assigned to a consignment by a lead RU</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">ConsignmentIdent</a>
properties	content complex
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>
annotation	documentation This element shows the previous Reference number assigned to a consignment by a lead RU
source	<pre>&lt;xs:element name="PreviousConsignmentNumber" type="ConsignmentIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows the previous Reference number assigned to a consignment by a lead RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

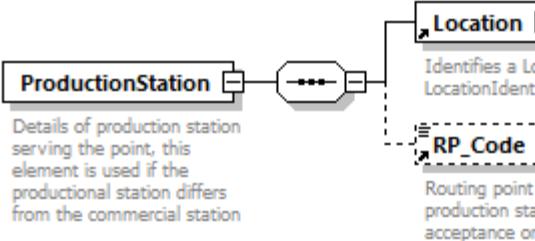
element **PreviousResponsibleRU**

diagram	 <p>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>												
facets	<table> <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>&lt;xs:element name="PreviousResponsibleRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **PrimaryLocationName**

diagram	
	Location Name in an officiation language of the Country using the ISO Unicode alphabet
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>
properties	content simple
used by	complexType <a href="#">LocationIdent</a>
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Location Name in an officiation language of the Country using the ISO Unicode alphabet
source	<pre>&lt;xs:element name="PrimaryLocationName" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Location Name in an officiation language of the Country using the ISO Unicode alphabet&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ProductionStation**

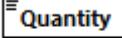
diagram	
	Details of production station serving the point, this element is used if the productional station differs from the commercial station
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">RP_Code</a>
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">ConsignmentOrderMessage/COMS/COM/DeliveryPoint</a>
annotation	documentation Details of production station serving the point, this element is used if the productional station differs from the commercial station
source	<pre>&lt;xs:element name="ProductionStation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of production station serving the point, this element is used if the productional station differs from the commercial station&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;xs:element ref="RP_Code" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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**element PushPullTrain**

diagram	 <b>PushPullTrain</b>  Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainData</a>
annotation	documentation Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.
source	<pre>&lt;xs:element name="PushPullTrain" type="xs:boolean"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element Quantity**

diagram	 <b>Quantity</b>  Amount of the loading tackles of the specified type.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:int</b>
properties	content simple
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Amount of the loading tackles of the specified type.
source	<pre>&lt;xs:element name="Quantity"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Amount of the loading tackles of the specified type.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;</pre>

	<pre>&lt;xs:restriction base="xs:int"&gt;   &lt;xs:minInclusive value="1"/&gt;   &lt;xs:maxInclusive value="99999"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **ReceiptConfirmationMessage**

diagram	<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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">TypeOfRequest</a> <a href="#">TypeOfInformation</a> <a href="#">AffectedSection</a>

	<a href="#">AffectedLocation</a> <a href="#">Remarks</a> <a href="#">InternalReferenceIdentifier</a> <a href="#">RelatedReference</a>
annotation	<p>documentation</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>
source	<pre>&lt;xs:element name="ReceiptConfirmationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfRequest" minOccurs="0"/&gt;       &lt;xs:element ref="TypeOfInformation" minOccurs="0"/&gt;       &lt;xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="AffectedLocation" minOccurs="0"/&gt;       &lt;xs:element ref="Remarks" minOccurs="0"/&gt;       &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;       &lt;xs:element ref="RelatedReference"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **Recipient**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	extension of <a href="#">CompanyCode</a>												
properties	content complex												
used by	element <a href="#">MessageHeader</a>												
facets	<table> <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}												
attributes	<table> <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><a href="#">CI_InstanceNumber</a></td> <td><a href="#">Numeric2-2</a></td> <td></td> <td></td> <td></td> <td>documentation Number of a Common Interface</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	<a href="#">CI_InstanceNumber</a>	<a href="#">Numeric2-2</a>				documentation Number of a Common Interface
Name	Type	Use	Default	Fixed	Annotation								
<a href="#">CI_InstanceNumber</a>	<a href="#">Numeric2-2</a>				documentation Number of a Common Interface								

		Instance for the same Company
annotation	documentation Receiver of the message	
source	<pre>&lt;xs:element name="Recipient"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Receiver of the message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension base="CompanyCode"&gt;         &lt;xs:attribute ref="CI_InstanceNumber"/&gt;       &lt;/xs:extension&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>	

**element ReferencedLocationDateTime**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">DelayEventReport</a> <a href="#">InterruptionPoint</a> <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a>
annotation	documentation Reference to original planned Date and Time agreed by all involved IMs and RUs.
source	<pre>&lt;xs:element name="ReferencedLocationDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to original planned Date and Time agreed by all involved IMs and RUs. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element ReferenceNumbers**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex

children	<a href="#"><u>MovementReferenceNumber ARC</u></a>
used by	elements <a href="#"><u>Wagons/GoodsInWagon ILU Details</u></a> <a href="#"><u>ITU Details</u></a>
annotation	documentation This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!
source	<pre> &lt;xs:element name="ReferenceNumbers"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence maxOccurs="99"&gt;       &lt;xs:element name="MovementReferenceNumber" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Movement Reference Number according to NCTS&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="MRN_Type"/&gt;             &lt;xs:element name="MRN_Number"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:minLength value="1"/&gt;                   &lt;xs:maxLength value="21"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;/xs:sequence&gt;           &lt;/xs:complexType&gt;         &lt;/xs:element&gt;         &lt;xs:element name="ARC" minOccurs="0"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Administrative Reference CodeEMCS (Excise Movement and Control System)&lt;/xs:documentation&gt;             &lt;xs:documentation&gt;CODE: EU (EC) No 684/2009&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;           &lt;xs:simpleType&gt;             &lt;xs:restriction base="xs:string"&gt;               &lt;xs:length value="21"/&gt;             &lt;/xs:restriction&gt;           &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;       &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt;   &lt;/xs:element&gt; </pre>

element **ReferenceNumbers/MovementReferenceNumber**

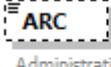
diagram	<p>Movement Reference Number according to NCTS</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<b>MRN_Type</b> <b>MRN_Number</b>
annotation	documentation Movement Reference Number according to NCTS
source	<pre>&lt;xs:element name="MovementReferenceNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Movement Reference Number according to NCTS&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MRN_Type"/&gt;       &lt;xs:element name="MRN_Number"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="21"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ReferenceNumbers/MovementReferenceNumber/MRN\_Number**

diagram	<p>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple

facets	Kind Value Annotation minLength 1 maxLength 21
annotation	documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.
source	<pre>&lt;xs:element name="MRN_Number"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="21"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

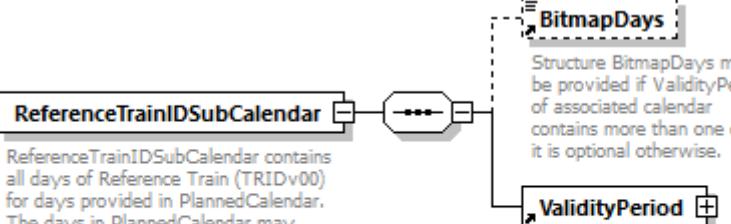
element **ReferenceNumbers/ARC**

diagram	 Administrative Reference CodeEMCS (Excise Movement and Control System)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 21
annotation	documentation Administrative Reference CodeEMCS (Excise Movement and Control System) documentation CODE: EU (EC) No 684/2009
source	<pre>&lt;xs:element name="ARC" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Administrative Reference CodeEMCS (Excise Movement and Control System)&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: EU (EC) No 684/2009&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="21"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ReferenceOTN**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">OperationalTrainNumberIdentifier</a>
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainAtLocation</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
source	<pre>&lt;xs:element name="ReferenceOTN"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ReferenceTrainIDSubCalendar**

diagram	  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 = PlannedCalender"
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">BitmapDays</a> <a href="#">ValidityPeriod</a>
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a>
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 = PlannedCalender"
source	<pre>&lt;xs:element name="ReferenceTrainIDSubCalendar"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 = PlannedCalender"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="BitmapDays" minOccurs="0"/&gt;       &lt;xs:element ref="ValidityPeriod" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:element ref="ValidityPeriod"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **RegenerativeBrake**

diagram	<p>The diagram illustrates the structure of the <b>RegenerativeBrake</b> element. It consists of three components: <b>RegenerativeBrake</b>, <b>RegenerativeBrakeFitted</b>, and <b>PossibilityToPreventRegenerativeBrake</b>. The <b>RegenerativeBrake</b> component is connected to both <b>RegenerativeBrakeFitted</b> and <b>PossibilityToPreventRegenerativeBrake</b>. <b>RegenerativeBrakeFitted</b> is associated with the documentation: "Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source". <b>PossibilityToPreventRegenerativeBrake</b> is associated with the documentation: "Possibility of preventing the use of the regenerative brake".</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#"><b>RegenerativeBrakeFitted</b></a> <a href="#"><b>PossibilityToPreventRegenerativeBrake</b></a>
used by	element <a href="#"><b>TrainCompositionJourneySection/Locoldent</b></a>
annotation	<p>documentation Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source</p>
source	<pre> &lt;xs:element name="RegenerativeBrake"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;False - Not fitted, True- Regenerative Brake fitted&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Possibility of preventing the use of the regenerative brake &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre><code>type="xs:boolean" minOccurs="1"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</code></pre>
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element **RegenerativeBrake/RegenerativeBrakeFitted**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation False - Not fitted, True- Regenerative Brake fitted
source	<pre><code>&lt;xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;False - Not fitted, True- Regenerative Brake fitted&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt;</code></pre>

element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">PossibilityToPreventUseOfRegenerativeBrake</a> <a href="#">RegenerativeBrakePreventionInUse</a>
annotation	documentation Possibility of preventing the use of the regenerative brake

source	<pre> &lt;xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Possibility of preventing the use of the regenerative brake &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake         &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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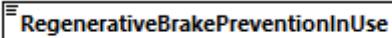
## element

**RegenerativeBrake/PossibilityToPreventRegenerativeBrake/PossibilityToPreventUseOfRegenerativeBrake**

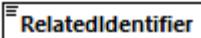
diagram	 <p>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake
source	<pre> &lt;xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

## element

**RegenerativeBrake/PossibilityToPreventRegenerativeBrake/RegenerativeBrakePreventionInUse**

diagram	
	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)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
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>&lt;xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element RelatedIdentifier**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<b>FreeText</b>									
properties	content simple									
used by	element <a href="#">RelatedReference</a>									
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>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<pre>&lt;xs:element name="RelatedIdentifier" type="FreeText"/&gt;</pre>									

element **RelatedPlannedTransportIdentifiers**

diagram	<pre> classDiagram     class CompositIdentifierPlannedType {         ObjectType         Company         Core         Variant         TimetableYear         StartDate     }     class RelatedPlannedTransportIdentifiers {         &lt;&gt; CompositIdentifierPlannedType     }     RelatedPlannedTransportIdentifiers --&gt; CompositIdentifierPlannedType   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CompositIdentifierPlannedType</a>
properties	content complex
children	<a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a>
used by	element <a href="#">Identifiers</a>
source	<pre> &lt;xs:element name="RelatedPlannedTransportIdentifiers"             type="CompositIdentifierPlannedType"/&gt;   </pre>

element **RelatedReference**

diagram	<p>Identifies the message to which the actual message refers</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">RelatedType</a> <a href="#">RelatedIdentifier</a> <a href="#">RelatedSenderReference</a> <a href="#">RelatedMessageDateTime</a>
used by	elements <a href="#">ReceiptConfirmationMessage</a> <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonDeviationMessage</a> <a href="#">WagonETI ETA Message</a>
annotation	<p>documentation</p> <p>Identifies the message to which the actual message refers</p>
source	<pre>&lt;xs:element name="RelatedReference"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the message to which the actual message refers&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RelatedType" type="MessageCode"/&gt;       &lt;xs:element ref="RelatedIdentifier"/&gt;       &lt;xs:element ref="RelatedSenderReference" minOccurs="0"/&gt;       &lt;xs:element name="RelatedMessageDateTime" type="xs:dateTime"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date Time of related message.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

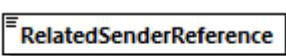
element **RelatedReference/RelatedType**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<b>MessageCode</b>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="RelatedType" type="MessageCode"/&gt;</pre>									

element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation Date Time of related message.
source	<pre>&lt;xs:element name="RelatedMessageDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date Time of related message. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RelatedSenderReference**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>FreeText</b>
properties	content simple
used by	element <b>RelatedReference</b>
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Sender reference given by the Sender
source	<pre>&lt;xs:element name="RelatedSenderReference" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Sender reference given by the     Sender&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RelatedTransportOperationalIdentifiers**

diagram	<pre> classDiagram     class CompositIdentifierOperationalType {         &lt;&lt;Composite Identifier Operational Type&gt;&gt;     }     class ObjectType {         &lt;&lt;Object Type&gt;&gt;     }     class Company {         &lt;&lt;Company&gt;&gt;     }     class Core {         &lt;&lt;Core&gt;&gt;     }     class Variant {         &lt;&lt;Variant&gt;&gt;     }     class TimetableYear {         &lt;&lt;Timetable Year&gt;&gt;     }     class StartDate {         &lt;&lt;Start Date&gt;&gt;     }      CompositIdentifierOperationalType "1" -- "*" ObjectType     CompositIdentifierOperationalType "*" -- "1" RelatedTransportOperationalIdentifiers     </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CompositIdentifierOperationalType</a>
properties	content complex
children	<a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a>
used by	element <a href="#">TrainOperationalIdentification</a>
source	<code>&lt;xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/&gt;</code>

element **Remarks**

diagram	<pre> classDiagram     class Remarks {         &lt;&lt;Free Form Text&gt;&gt;     }      </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	<a href="#">FreeText</a>
properties	content simple
used by	elements <a href="#">DelayCauseTime</a> <a href="#">InterruptionPoint</a> <a href="#">ReceiptConfirmationMessage</a> <a href="#">TrainJourneyModificationMessage</a>
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Form Text
source	<pre>&lt;xs:element name="Remarks" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Free Form Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element RequestedCalendar**

diagram	<p>The diagram shows the <code>RequestedCalendar</code> element followed by a sequence of three elements: <code>BitmapDays</code>, <code>ValidityPeriod</code>, and <code>PathInformation</code>. The <code>BitmapDays</code> and <code>ValidityPeriod</code> elements are shown with their respective descriptions.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">BitmapDays</a> <a href="#">ValidityPeriod</a>
used by	element <a href="#">PathInformation</a>
source	<pre>&lt;xs:element name="RequestedCalendar"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="BitmapDays" minOccurs="0"/&gt;       &lt;xs:element ref="ValidityPeriod"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

**element RequestedPeriod**

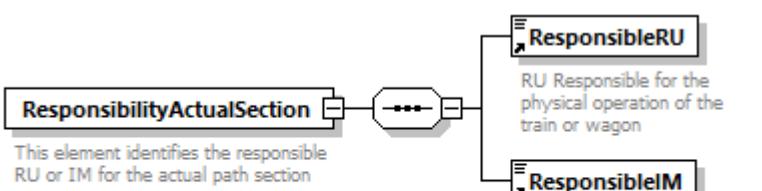
diagram	<p>The diagram shows the <code>RequestedPeriod</code> element followed by a sequence of two elements: <code>StartDateTime</code> and <code>EndDateTime</code>. The <code>StartDateTime</code> and <code>EndDateTime</code> elements are shown with their respective descriptions.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex

children	<a href="#"><b>StartDateTime</b></a> <a href="#"><b>EndDateTime</b></a>
annotation	documentation Date/Time period of a request
source	<pre>&lt;xs:element name="RequestedPeriod"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date/Time period of a request&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="StartDateTime"/&gt;       &lt;xs:element ref="EndDateTime"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

**element RequestedTimeframe**

diagram	<p>The diagram illustrates the structure of the RequestedTimeframe element. It is represented as a composite element with two outgoing associations. The first association points to a StartDateTime element, which is described as 'The start of the date/time in effect'. The second association points to an EndDateTime element, which is described as 'The end date/time in effect'.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#"><b>StartDateTime</b></a> <a href="#"><b>EndDateTime</b></a>
annotation	documentation To specify a time period being requested
source	<pre>&lt;xs:element name="RequestedTimeframe"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To specifiy a time period being requested&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="StartDateTime" minOccurs="0"/&gt;       &lt;xs:element ref="EndDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ResponsibilityActualSection**

diagram	 <p>This element identifies the responsible RU or IM for the actual path section</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">ResponsibleRU</a> <a href="#">ResponsibleIM</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation This element identifies the responsible RU or IM for the actual path section
source	<pre> &lt;xs:element name="ResponsibilityActualSection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the responsible RU or IM for the actual path section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="ResponsibleRU"/&gt;       &lt;xs:element ref="ResponsibleIM"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ResponsibilityNextSection**

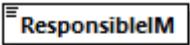
diagram	<p>This element identifies the responsible RU and IM for the following path section</p> <p><b>ResponsibleRU</b> RU Responsible for the physical operation of the train or wagon</p> <p><b>ResponsibleIM</b> IM Responsible for Reporting. For Path Requests, this element has to be used - in the first 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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">ResponsibleRU</a> <a href="#">ResponsibleIM</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation This element identifies the responsible RU and IM for the following path section
source	<pre>&lt;xs:element name="ResponsibilityNextSection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the responsible RU and IM for the following path section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="ResponsibleRU"/&gt;       &lt;xs:element ref="ResponsibleIM"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ResponsibleApplicant**

diagram	<p>This element has to be used for the whole journey where the applicant has made the request</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">CompanyCode</a>
properties	content simple
used by	element <a href="#">PlannedJourneyLocation</a>

facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation This element has to be used for the whole journey where the applicant has made the request
source	<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>

element **ResponsibleIM**

diagram	
	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.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CompanyCode</a>
properties	content simple
used by	elements <a href="#">LocationPrimaryInformation</a> <a href="#">PlannedJourneyLocation</a> <a href="#">ResponsibilityActualSection</a> <a href="#">ResponsibilityNextSection</a>
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation 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.
source	<xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>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)

	<p>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> <pre>&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	--

**element ResponsibleRU**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">ExceptionPoint</a> <a href="#">PlannedJourneyLocation</a> <a href="#">ResponsibilityActualSection</a> <a href="#">ResponsibilityNextSection</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>												
facets	<table> <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>&lt;xs:element name="ResponsibleRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;RU Responsible for the physical operation of the train or wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

**element RestrictionsDueToLoadOrDamage**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">RestrictionCodes</a>									
properties	content simple									
used by	element <a href="#">WagonOperationalData</a>									
facets	<table> <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</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff	enumeration	08	documentation
Kind	Value	Annotation								
enumeration	07	documentation F - Shunt only when hand brake operable with ground staff								
enumeration	08	documentation								

	enumeration 09	F - Tank wagon loaded with liquid documentation
	enumeration 11	F - Wagon loaded with people documentation
	enumeration 12	F - Wagon other than bogie wagon with wheelbase of more than 9 metres documentation
	enumeration 13	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 15	F - Bogie wagon with distance between wheels of more than 17,50 metres documentation
	enumeration 16	F - Wagon not allowed over the hump documentation
	enumeration 18	F - Do not fly shunt or gravity shunt (3 red triangles) 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
		P - Train planned without passengers operated with passengers

	enumeration 92 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine)	
	enumeration 94 documentation F - Gas carrying wagon without orange side stripe	
	enumeration 99 documentation P - Other	
annotation	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)	
source	<pre>&lt;xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>	

**element RevisedRequest**

diagram	
	Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PathDetailsRefusedMessage</a>
annotation	documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.
source	<pre>&lt;xs:element name="RevisedRequest" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

## element RID

diagram	<p>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</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">Law</a> <a href="#">DangerousGoodsIndication</a> <a href="#">TechnicalDescription</a> <a href="#">ProperShippingName</a> <a href="#">SpecialProvisionsRID</a> <a href="#">AdditionalProvisionsRID</a> <a href="#">ActionRequiredFromCarrier</a> <a href="#">WeightNettoExplosiveMass</a> <a href="#">ClassificationCode</a> <a href="#">EmptyPackingCode</a>
used by	element <b>Goods</b>
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> &lt;xs:element name="RID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Law"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;The law after which the RID data are declared.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:enumeration value="2013"/&gt;             &lt;xs:enumeration value="2015"/&gt;             &lt;xs:enumeration value="2017"/&gt;             &lt;xs:enumeration value="2019"/&gt;             &lt;xs:enumeration value="2021"/&gt;             &lt;xs:enumeration value="2023"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DangerousGoodsIndication"/&gt;       &lt;xs:element name="TechnicalDescription" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="ProperShippingName" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it</pre>

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: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:annotation>
    <xs:documentation>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</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="AdditionalProvisionsRID" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</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="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>
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  <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:simpleType>
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      <xs:minInclusive value="0"/>
    </xs:restriction>
  </xs:simpleType>

```

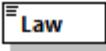
```
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<xs:totalDigits value="8"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
<xs:annotation>
    <xs:documentation>For Class 1 the ‘classification code’ is identical to the ‘hazard identification number’ (i.e the ‘division number’ and the ‘compatibility group letter’). For other classes it is different. The collective entries for ‘classification code’ are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3. </xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
</xs:annotation>
<xs:simpleType>
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        <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 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>
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                            <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>
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                        <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>
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    <xs:annotation>
        <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
    </xs:annotation>
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        <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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    <xs:annotation>
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    </xs:annotation>
</xs:enumeration>
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    <xs:annotation>
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    </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">
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    </xs:annotation>
</xs:enumeration>
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    <xs:annotation>
        <xs:documentation>EMPTY WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
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        <xs:documentation>EMPTY RECEPTACLE 1e</xs:documentation>
    </xs:annotation>
</xs:enumeration>
```

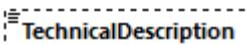
	<pre> 1000L&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="17"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;EMPTY RECEPTACLE gt 1000L&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="18"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;EMPTY&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

**element RID/Law**

diagram	 <p>The law after which the RID data are declared.</p>																					
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																					
type	restriction of <b>xs:int</b>																					
properties	content simple																					
facets	<table> <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> </tbody> </table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019		enumeration	2021		enumeration	2023	
Kind	Value	Annotation																				
enumeration	2013																					
enumeration	2015																					
enumeration	2017																					
enumeration	2019																					
enumeration	2021																					
enumeration	2023																					
annotation	<p>documentation</p> <p>The law after which the RID data are declared.</p>																					
source	<pre> &lt;xs:element name="Law"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The law after which the RID data are declared.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:enumeration value="2013"/&gt;       &lt;xs:enumeration value="2015"/&gt;       &lt;xs:enumeration value="2017"/&gt;       &lt;xs:enumeration value="2019"/&gt;       &lt;xs:enumeration value="2021"/&gt;       &lt;xs:enumeration value="2023"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>																					

	<pre>&lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

**element RID/TechnicalDescription**

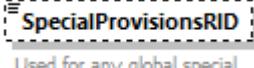
diagram	 <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
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> <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	<p>documentation</p> <p>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>									
source	<pre>&lt;xs:element name="TechnicalDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

**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 RECIPIENT" &amp;lt;=1000L, "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="ProperShippingName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RID/SpecialProvisionsRID**

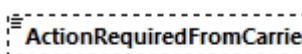
diagram	 <p>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message
source	<pre>&lt;xs:element name="SpecialProvisionsRID" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:maxLength value="350"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

**element RID/AdditionalProvisionsRID**

diagram	 <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message
source	<pre> &lt;xs:element name="AdditionalProvisionsRID" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

**element RID/ActionRequiredFromCarrier**

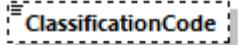
diagram	 <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value 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>&lt;xs:element name="ActionRequiredFromCarrier" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special action required by the carrier according to chapter 5.4.1.2.5.2 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:decimal</b>												
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>minInclusive</td><td>0</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	0		totalDigits	8		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	0												
totalDigits	8												
fractionDigits	1												
annotation	<p>documentation</p> <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>												
source	<pre>&lt;xs:element name="WeightNettoExplosiveMass" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:fractionDigits value="1"/&gt;       &lt;xs:totalDigits value="8"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

## element RID/ClassificationCode

diagram	 <p>For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td>documentation present only with class 1</td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	4	documentation present only with class 1
Kind	Value	Annotation								
minLength	1									
maxLength	4	documentation present only with class 1								
annotation	<p>documentation</p> <p>For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</p> <p>documentation</p> <p>CODE: OTIF RID-Specification</p>									
source	<pre> &lt;xs:element name="ClassificationCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: OTIF RID-Specification&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;present only with class 1&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:maxLength&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

## element RID/EmptyPackingCode

diagram																																																										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																									
type	restriction of <b>xs:string</b>																																																									
properties	<p>minOcc 0      maxOcc 1      content simple</p>																																																									
facets	<table> <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																																																								
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enumeration	14	documentation EMPTY VEHICLE																																																								
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enumeration	16	documentation EMPTY RECEPTACLE le 1000L																																																								
enumeration	17	documentation EMPTY RECEPTACLE gt 1000L																																																								
enumeration	18	documentation EMPTY																																																								
annotation	<p>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.</p>																																																									
source	<pre>&lt;xs:element name="EmptyPackingCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of empty packing as described in RID 5.4.1.1.6.2&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.&lt;/xs:documentation&gt;</pre>																																																									

```
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      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>EMPTY CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
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      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
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      </xs:annotation>
    </xs:enumeration>
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```

```
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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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ELEMENTS</xs:documentation>
  </xs:annotation>
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  </xs:annotation>
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</xs:simpleType>
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```

element **RollingRoadUnit**

diagram	<pre> classDiagram     class RollingRoadUnit {         &lt;&lt;Describes the type and content of a Rolling road unit&gt;&gt;     }     class RollingRoadUnitDetails {         &lt;&lt;Details for Rolling Road units on wagon&gt;&gt;     }     class Goods {         &lt;&lt;Describes the goods inside the means of transport&gt;&gt;         1.99     }     class SummaryOfGoodsWithSameRID {         &lt;&lt;This element is only in use if the consignment 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&gt;&gt;         0.25     }      RollingRoadUnit "1" --&gt; RollingRoadUnitDetails     RollingRoadUnitDetails "1" --&gt; Goods     Goods "1" --&gt; SummaryOfGoodsWithSameRID   </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">RollingRoadUnitDetails</a> <a href="#">Goods</a> <a href="#">SummaryOfGoodsWithSameRID</a>
used by	element <a href="#">Wagons/GoodsInWagon</a>
annotation	documentation Describes the type and content of a Rolling road unit
source	<pre> &lt;xsd:element name="RollingRoadUnit"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Describes the type and content of a Rolling road unit&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element name="RollingRoadUnitDetails"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;Details for Rolling Road units on wagon&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;         &lt;xsd:complexType&gt;           &lt;xsd:sequence&gt;             &lt;xsd:element ref="LoadingStatus"/&gt;             &lt;xsd:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"&gt;               &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Type of Rolling Road unit on Wagon&lt;/xsd:documentation&gt;                 &lt;xsd:documentation&gt;CODE:&lt;/xsd:documentation&gt;                 &lt;xsd:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xsd:documentation&gt;                 &lt;xsd:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xsd:documentation&gt;                 &lt;xsd:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)&lt;/xsd:documentation&gt;               &lt;/xsd:annotation&gt;               &lt;xsd:simpleType&gt;                 &lt;xsd:restriction base="xsd:string"&gt;                   &lt;xsd:minLength value="1"/&gt;                 &lt;/xsd:restriction&gt;               &lt;/xsd:simpleType&gt;             &lt;/xsd:element&gt;           &lt;/xsd:sequence&gt;         &lt;/xsd:complexType&gt;       &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

```
<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: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: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:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="FirstName" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Optional first name of the 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">
```

	<pre> &lt;xs:minLength value="1"/&gt; &lt;xsmaxLength value="15"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="Goods" maxOccurs="99"&gt; &lt;xs:annotation/&gt; &lt;/xs:element&gt; &lt;xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **RollingRoadUnit/RollingRoadUnitDetails**

diagram	<pre> classDiagram     class RollingRoadUnitDetails {         &lt;&lt;Details for Rolling Road units on wagon&gt;&gt;     }     class LoadingStatus {         &lt;&lt;Loading status of the equipment. 0=Empty, 1=Loaded&gt;&gt;     }     class RollingRoadUnitType {         &lt;&lt;Type of Rolling Road unit on Wagon&gt;&gt;     }     class Vehicles {         &lt;&lt;List of vehicles loaded (i.e. truck and trailer).&gt;&gt;     }     class TareWeightVehicle {         &lt;&lt;Total weight [kg] of vehicle (truck and trailer).&gt;&gt;     }     class Haulier {         &lt;&lt;Information concerning the haulier.&gt;&gt;     }     class Attendants {         &lt;&lt;Attendants during the transport.&gt;&gt;     }      RollingRoadUnitDetails "1" -- "1" LoadingStatus     RollingRoadUnitDetails "1" -- "1" RollingRoadUnitType     RollingRoadUnitDetails "*" -- "0..2" Vehicles     RollingRoadUnitDetails "*" -- "0..2" TareWeightVehicle     RollingRoadUnitDetails "*" -- "0..2" Haulier     RollingRoadUnitDetails "*" -- "0..2" Attendants </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">LoadingStatus</a> <a href="#">RollingRoadUnitType</a> <a href="#">Vehicles</a> <a href="#">TareWeightVehicle</a> <a href="#">Haulier</a> <a href="#">Attendants</a>
annotation	documentation Details for Rolling Road units on wagon
source	<code>&lt;xs:element name="RollingRoadUnitDetails"&gt;</code>

```
<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: <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: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"/>

```

```

                <xsmaxLength value="25"/>
            </xsrestriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="FirstName" minOccurs="0">
        <xsannotation>
            <xsdocumentation>Optional first name of the
attendant.</xsdocumentation>
            <xsdocumentation>READ: <br/> - Consignee</xsdocumentation>
            <xsdocumentation>WRITE: <br/> -
Consignor</xsdocumentation>
            <xsdocumentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier <br/> (With the agreement of the
consignor)</xsdocumentation>
        </xsannotation>
        <xs:simpleType>
            <xsrestriction base="xs:string">
                <xsminLength value="1"/>
                <xsmmaxLength value="15"/>
            </xsrestriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

diagram																						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																					
type	restriction of <b>xs:string</b>																					
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> <tr> <td>default</td><td>HGZ</td></tr> </table>	minOcc	0	maxOcc	1	content	simple	default	HGZ													
minOcc	0																					
maxOcc	1																					
content	simple																					
default	HGZ																					
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>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	<p>documentation Type of Rolling Road unit on Wagon documentation CODE:</p>																					

	<p>documentation      READ: &lt;br/&gt; - Consignee      documentation      WRITE: &lt;br/&gt; - Consignor      documentation      AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)</p>
source	<pre>&lt;xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of Rolling Road unit on Wagon&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE:&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="3"/&gt;       &lt;xs:enumeration value="HGZ"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;articulated lorry&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="SAL"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;semi-trailer&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="MW"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;motor vehicle&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="ANH"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;trailer&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**

diagram	<pre> classDiagram     class Vehicles     class NumberPlate     class CountryCodeISO      Vehicles "0..2" -- "*" NumberPlate     NumberPlate "1" -- "*" CountryCodeISO   </pre> <p>The diagram illustrates a relationship between the 'Vehicles' class and two other classes, 'NumberPlate' and 'CountryCodeISO'. The 'Vehicles' class is associated with 'NumberPlate' via a multiplicity of 0..2 at the source end and * at the target end. It is also associated with 'CountryCodeISO' via a multiplicity of * at both ends.</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
properties	<table border="1"> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>2</td></tr> <tr> <td>content</td><td>complex</td></tr> </table>	minOcc	0	maxOcc	2	content	complex
minOcc	0						
maxOcc	2						
content	complex						

children	<a href="#"><u>NumberPlate CountryCodeISO</u></a>
annotation	documentation List of vehicles loaded (i.e. truck and trailer).
source	<pre>&lt;xs:element name="Vehicles" minOccurs="0" maxOccurs="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;List of vehicles loaded (i.e. truck and trailer).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NumberPlate"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number plate of the vehicle.&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="10"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles/NumberPlate**

diagram	 <p>Number plate of the vehicle.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
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>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. documentation READ: &lt;br/&gt; - Consignee documentation WRITE: &lt;br/&gt; - Consignor documentation AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)</p>									
source	<pre>&lt;xs:element name="NumberPlate"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number plate of the vehicle.&lt;/xs:documentation&gt;</pre>									

	<pre> &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt; &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt; &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="10"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

diagram	<p>The diagram shows a UML class named <b>TareWeightVehicle</b>. It has a single attribute labeled "Total weight [kg] of vehicle (truck and trailer)".</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
facets	<table> <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> &lt;xs:element name="TareWeightVehicle" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Total weight [kg] of vehicle (truck and trailer).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

diagram	<p>The diagram shows a UML sequence diagram. A lifeline named <b>Haulier</b> sends a message to a generalization node (represented by a dashed box). From this node, two arrows point to specific objects: <b>Name</b> and <b>CountryCodeISO</b>. <b>Name</b> is described as "Name of haulier." and <b>CountryCodeISO</b> is described as "Identifies a County or State by code (ISO 3166-1)".</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">Name</a> <a href="#">CountryCodeISO</a>
annotation	documentation Information concerning the haulier.

source	<pre>&lt;xs:element name="Haulier" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information concerning the haulier.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Name"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of haulier.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--------	--

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

diagram	<pre> classDiagram     class Attendants {         &lt;&lt;0..2 Attendants during the transport.&gt;&gt;     }     class LastName {         &lt;&lt;Last name of attendant.&gt;&gt;     }     class FirstName {         &lt;&lt;Optional first name of the attendant.&gt;&gt;     }      Attendants "0..2" -- "*" LastName     Attendants "*" -- "*" FirstName   </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 2 content complex
children	<a href="#">LastName</a> <a href="#">FirstName</a>
annotation	<p>documentation</p> <p>Attendants during the transport.</p>
source	<pre>&lt;xs:element name="Attendants" minOccurs="0" maxOccurs="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Attendants during the transport.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="LastName"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Last name of attendant.&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier &lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="25"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:element name="FirstName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Optional first name of the attendant.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier &lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="15"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

diagram	 <p>Last name of attendant.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	content simple									
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>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	<p>documentation</p> <p>Last name of attendant.</p> <p>documentation</p> <p>READ: &lt;br/&gt; - Consignee</p> <p>documentation</p> <p>WRITE: &lt;br/&gt; - Consignor</p> <p>documentation</p> <p>AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier &lt;br/&gt; (With the agreement of the consignor)</p>									
source	<pre> &lt;xs:element name="LastName"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Last name of attendant.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier &lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="25"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; </pre>									

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram	<p><b>FirstName</b> Optional first name of the attendant.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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	documentation Optional first name of the attendant. documentation READ:   - Consignee documentation WRITE:   - Consignor documentation AMEND:   - Contractual carrier   - Successive carrier   (With the agreement of the consignor)									
source	<pre> &lt;xs:element name="FirstName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Optional first name of the attendant.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier &lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="15"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **RollingStockDataset**

diagram	<p><b>RollingStockDataset</b> Rolling Stock administrative and Technical Dataset</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">AdministrativeDataSet</a> <a href="#">DesignDataSet</a>

used by	elements <a href="#">RollingStockDatasetMessage WIMO Dataset</a>
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> &lt;xs:element name="RollingStockDataset"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolling Stock administrative and Technical Dataset&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="AdministrativeDataSet"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="WagonNumberFreight"/&gt;             &lt;xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;For identification of a wagon after renumbering&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="RegistrationCountry" type="CountryIdentISO"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;ISO country code of registration country&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="DatePutIntoService"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Date of first operation&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;End date for restricted authorisation (special case)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="SuspensionOfAuthorisation" type="xs:boolean"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Information if authorisation has been suspended by the authority&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Date of the suspension of authorisation; must be provided in case of suspension&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt; ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability);</pre>

	<pre> first entry indicates the initial authorisation country&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="KeeperShortNameVKM"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Vehicle Keeper Marking of the wagon keeper as listed in VKM register (<a href="http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx">http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx</a>, column B - without special characters)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ECM"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt; Full name of the assigned Entity in Charge of Maintenance&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;             &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:maxLength value="256"/&gt;             &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PlannedChangeOfECM" minOccurs="0"&gt;         &lt;xs:complexType&gt;             &lt;xs:sequence&gt;                 &lt;xs:element name="CurrentECMAssignedUntil" type="xs:date"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt; Date until the current Entity in Charge of Maintenance is assigned to the wagon&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                 &lt;/xs:element&gt;                 &lt;xs:element name="SubsequentECM"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt; Full name of the following Entity in Charge of Maintenance&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                     &lt;xs:simpleType&gt;                         &lt;xs:restriction base="xs:string"&gt;                             &lt;xs:maxLength value="256"/&gt;                         &lt;/xs:restriction&gt;                     &lt;/xs:simpleType&gt;                 &lt;/xs:element&gt;             &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;     &lt;/xs:element&gt; </pre>
--	--

```

        </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="CounterAcreditedRecognizedBody"
type="Numeric2-2"/>
                                <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):</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: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:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

```

                </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 tonnes 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:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>

```

```
                <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="NumberOfAccessoryOfSpecType" 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
thechnical 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

diagram	<pre> classDiagram     class RollingStockDataset {         &lt;&lt;Rolling Stock&gt;&gt;     }     class AdministrativeDataSet {         &lt;&lt;Administrative Data&gt;&gt;     }     RollingStockDataset "1" -- "0..1" AdministrativeDataSet :      class WagonNumberFreight {         &lt;&lt;Identifies uniquely the freight wagon by its number&gt;&gt;     }     class PreviousWagonNumberFreight {         &lt;&lt;For identification of a wagon after renumbering&gt;&gt;     }     class RegistrationCountry {         &lt;&lt;ISO country code of registration country&gt;&gt;     }     class DatePutIntoService {         &lt;&lt;Date of first operation&gt;&gt;     }     class AuthorisationValidUntil {         &lt;&lt;End date for restricted authorisation (special case)&gt;&gt;     }     class SuspensionOfAuthorisation {         &lt;&lt;Information if authorisation has been suspended by the authority&gt;&gt;     }     class DateSuspensionOfAuthorisation {         &lt;&lt;Date of the suspension of authorisation; must be provided in case of suspension&gt;&gt;     }     class MultilateralAuthorisationCountries {         &lt;&lt;ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country&gt;&gt;         &lt;&lt;0..&gt;&gt;     }     class ChannelTunnelPermitted {         &lt;&lt;Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.&gt;&gt;     }     class QuieterRoutesExemptionCountry {         &lt;&lt;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&gt;&gt;         &lt;&lt;0..&gt;&gt;     }     class KeeperShortNameVkm {         &lt;&lt;Vehicle Keeper Marking of the wagon keeper as listed in Vkm register (<a href="http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx">http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx</a>, column B - without special characters)&gt;&gt;     }     class ECM {         &lt;&lt;Full name of the assigned Entity in Charge of Maintenance&gt;&gt;     }     class PlannedChangeOfECM {         &lt;&lt;Planned Change of Entity in Charge of Maintenance&gt;&gt;     }     class ECMCertificate {         &lt;&lt;ECM certificate information&gt;&gt;     }     class InteropCapability {         &lt;&lt;Identification of the general interoperability capability of the wagon&lt;br/&gt;The following values/codes are proposed for the usage (defined in the InteropCapabilityCode):&lt;br/&gt;01 = National&lt;br/&gt;02 = Bi/Multilateral (with agreement or authorisation grid)&lt;br/&gt;03 = RIV&lt;br/&gt;05 = TEN&lt;br/&gt;06 = TEN-GE&lt;br/&gt;07 = TEN-CW&lt;br/&gt;08 = TEN RIV&gt;&gt;     }     class GCUWagon {         &lt;&lt;Indication if wagon is operated under the GCU contract&gt;&gt;     }     RollingStockDataset "1" -- "0..1" AdministrativeDataSet :      AdministrativeDataSet "1" -- "1" WagonNumberFreight :      AdministrativeDataSet "1" -- "1" PreviousWagonNumberFreight :      AdministrativeDataSet "1" -- "1" RegistrationCountry :      AdministrativeDataSet "1" -- "1" DatePutIntoService :      AdministrativeDataSet "1" -- "1" AuthorisationValidUntil :      AdministrativeDataSet "1" -- "1" SuspensionOfAuthorisation :      AdministrativeDataSet "1" -- "1" DateSuspensionOfAuthorisation :      AdministrativeDataSet "1" -- "1" MultilateralAuthorisationCountries :      AdministrativeDataSet "1" -- "1" ChannelTunnelPermitted :      AdministrativeDataSet "1" -- "1" QuieterRoutesExemptionCountry :      AdministrativeDataSet "1" -- "1" KeeperShortNameVkm :      AdministrativeDataSet "1" -- "1" ECM :      AdministrativeDataSet "1" -- "1" PlannedChangeOfECM :      AdministrativeDataSet "1" -- "1" ECMCertificate :      AdministrativeDataSet "1" -- "1" InteropCapability :      AdministrativeDataSet "1" -- "1" GCUWagon :    </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<p><a href="#">WagonNumberFreight</a> <a href="#">PreviousWagonNumberFreight</a> <a href="#">RegistrationCountry</a> <a href="#">DatePutIntoService</a>  <a href="#">AuthorisationValidUntil</a> <a href="#">SuspensionOfAuthorisation</a> <a href="#">DateSuspensionOfAuthorisation</a>  <a href="#">MultilateralAuthorisationCountries</a> <a href="#">ChannelTunnelPermitted</a> <a href="#">QuieterRoutesExemptionCountry</a>  <a href="#">KeeperShortNameVKM</a> <a href="#">ECM</a> <a href="#">PlannedChangeOfECM</a> <a href="#">ECMCertificate</a> <a href="#">InteropCapability</a> <a href="#">GCUWagon</a></p>
source	<pre> &lt;xs:element name="AdministrativeDataSet"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;For identification of a wagon after renumbering&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="RegistrationCountry" type="CountryIdentISO"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;ISO country code of registration country&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DatePutIntoService"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date of first operation&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;End date for restricted authorisation (special case)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SuspensionOfAuthorisation" type="xs:boolean"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Information if authorisation has been suspended by the authority&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date of the suspension of authorisation; must be provided in case of suspension&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="ChannelTunnelPermitted" type="xs:boolean"&gt;</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">
```

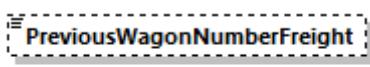
```

<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="CounterAcreditedRecognizedBody"
type="Numeric2-2"/>
                    <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>

```

	<pre> &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateSuspended" type="xs:boolean"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identification if certificate has been suspended for any reason&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="DateECMCertificateSuspended" type="xs:date"&gt;     minOccurs="0"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Date of the suspension of the ECM certificate; must be provided in case of suspension&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="InteropCapability"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="GCUWagon" type="xs:boolean"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indication if wagon is operated under the GCU contract&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	---

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**

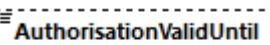
diagram	 <p>For identification of a wagon after renumbering</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	<b><u>WagonIdent</u></b>
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>&lt;xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;For identification of a wagon after renumbering&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

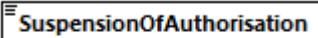
diagram	 <p>ISO country code of registration country</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b><u>CountryIdentISO</u></b>
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of registration country
source	<pre>&lt;xs:element name="RegistrationCountry" type="CountryIdentISO"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO country code of registration country&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

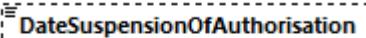
diagram	 <p>End date for restricted authorisation (special case)</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b><u>xs:date</u></b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)

source	<pre>&lt;xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;End date for restricted authorisation (special case)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--------	--

**element RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation**

diagram	 <p>Information if authorisation has been suspended by the authority</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
annotation	<p>documentation</p> <p>Information if authorisation has been suspended by the authority</p>
source	<pre>&lt;xs:element name="SuspensionOfAuthorisation" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information if authorisation has been suspended by the authority&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

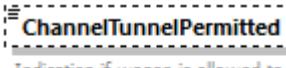
**element RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation**

diagram	 <p>Date of the suspension of authorisation; must be provided in case of suspension</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:date</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation</p> <p>Date of the suspension of authorisation; must be provided in case of suspension</p>
source	<pre>&lt;xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the suspension of authorisation; must be provided in case of suspension&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

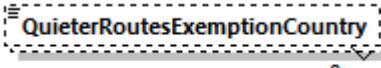
element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CountryIdentISO</a>
properties	minOcc 0 maxOcc unbounded content simple
facets	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>&lt;xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

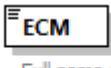
element **RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted**

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">xs:boolean</a>
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>&lt;xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><u>CountryIdentISO</u></a>
properties	minOcc 0 maxOcc unbounded content simple
facets	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>&lt;xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/AdministrativeDataSet/ECM**

diagram	 <p>Full name of the assigned Entity in Charge of Maintenance</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#"><u>xs:string</u></a>
properties	content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Full name of the assigned Entity in Charge of Maintenance
source	<pre>&lt;xs:element name="ECM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Full name of the assigned Entity in Charge of Maintenance&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

diagram	<pre> classDiagram     class PlannedChangeOfECM     class CurrentECMAssignedUntil     class SubsequentECM      PlannedChangeOfECM "1" -- "0..1" CurrentECMAssignedUntil :      PlannedChangeOfECM "1" -- "0..1" SubsequentECM :    </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">CurrentECMAssignedUntil</a> <a href="#">SubsequentECM</a>
source	<pre> &lt;xs:element name="PlannedChangeOfECM" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="CurrentECMAssignedUntil" type="xs:date"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; Date until the current Entity in Charge of Maintenance is assigned to the wagon&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SubsequentECM"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; Full name of the following Entity in Charge of Maintenance&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="256"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil**

diagram	<pre> classDiagram     class CurrentECMAssignedUntil   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
properties	content simple

annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon
source	<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>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

diagram	<p><b>SubsequentECM</b></p> <p>Full name of the following Entity in Charge of Maintenance</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:string</b>						
properties	content simple						
facets	<table> <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	<p>documentation Full name of the following Entity in Charge of Maintenance</p>						
source	<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>						

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

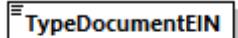
diagram	<pre> classDiagram     class ECMCertificate {         &lt;&lt;ECM certificate information&gt;&gt;     }     class EINNumber     class ECMCertificateValidFrom     class ECMCertificateValidTo     class CoversTankWagonsForDangerous...     class CoversNonTankWagonsForDange...     class ECMCertificateSuspended     class DateECMCertificateSuspended      ECMCertificate "1" -- "*" EINNumber :      ECMCertificate "1" -- "*" ECMCertificateValidFrom :      ECMCertificate "1" -- "*" ECMCertificateValidTo :      ECMCertificate "1" -- "*" CoversTankWagonsForDangerous... :      ECMCertificate "1" -- "*" CoversNonTankWagonsForDange... :      ECMCertificate "1" -- "*" ECMCertificateSuspended :      ECMCertificate "1" -- "*" DateECMCertificateSuspended :    </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#"><b>EINNumber</b></a> <a href="#"><b>ECMCertificateValidFrom</b></a> <a href="#"><b>ECMCertificateValidTo</b></a> <a href="#"><b>CoversTankWagonsForDangerousGoods</b></a> <a href="#"><b>CoversNonTankWagonsForDangerousGoods</b></a> <a href="#"><b>ECMCertificateSuspended</b></a> <a href="#"><b>DateECMCertificateSuspended</b></a>
annotation	documentation ECM certificate information
source	<pre> &lt;xs:element name="ECMCertificate"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ECM certificate information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="EINNumber"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="CountryCodeISO"/&gt;             &lt;xs:element name="TypeDocumentEIN" type="Numeric2-2"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Code List Candidate:&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

```
31, 34</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CounterAcreditedRecognizedBody"
type="Numeric2-2">
      <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**

diagram	<pre> classDiagram     class EINNumber     class CountryCodeISO     class TypeDocumentEIN     class CounterAcreditedRecognizedBody     class EINYear     class EINCounter      EINNumber *-- "*" :&gt; TypeDocumentEIN     EINNumber *-- "*" :&gt; CounterAcreditedRecognizedBody     EINNumber *-- "*" :&gt; EINYear     EINNumber *-- "*" :&gt; EINCounter      CountryCodeISO "Identifies a County or State by code (ISO 3166-1)"     TypeDocumentEIN "Code List Candidate: 31, 34"     CounterAcreditedRecognizedBody     EINYear     EINCounter   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">TypeDocumentEIN</a> <a href="#">CounterAcreditedRecognizedBody</a> <a href="#">EINYear</a> <a href="#">EINCounter</a>
annotation	<p>documentation</p> <p>ECM certificate reference number</p> <p>NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p>
source	<pre> &lt;xs:element name="EINNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ECM certificate reference number     NOTE: this is a placeholder! CR 335 by ERA is containing this element and     its full description and code lists.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;       &lt;xs:element name="TypeDocumentEIN" type="Numeric2-2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Code List Candidate:           31, 34&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/&gt;       &lt;xs:element name="EINYear" type="Numeric2-2"/&gt;       &lt;xs:element name="EINCounter"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:maxInclusive value="9999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN**

diagram	 <b>TypeDocumentEIN</b> Code List Candidate: 31, 34
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric2-2</a>
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Code List Candidate: 31, 34
source	<pre>&lt;xs:element name="TypeDocumentEIN" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code List Candidate: 31, 34&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

## element

**RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody**

diagram	 <b>CounterAcreditedRecognizedBody</b>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric2-2</a>
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<pre>&lt;xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/&gt;</pre>

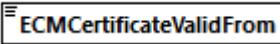
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram	 <b>EINYear</b>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric2-2</a>
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<pre>&lt;xs:element name="EINYear" type="Numeric2-2"/&gt;</pre>

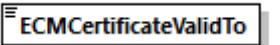
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram	 <b>EINCounter</b>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="EINCounter"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

diagram	 <b>ECMCertificateValidFrom</b>  Certificate valid from date
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
properties	content simple
annotation	documentation Certificate valid from date
source	<pre>&lt;xs:element name="ECMCertificateValidFrom" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid from date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo**

diagram	 <b>ECMCertificateValidTo</b>  Certificate valid to date
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
properties	content simple
annotation	documentation Certificate valid to date

source	<pre>&lt;xs:element name="ECMCertificateValidTo" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid to date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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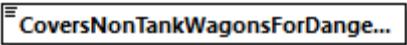
element

**RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods**

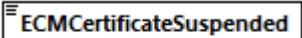
diagram	 <p>Certificate covers tank wagons for dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre>&lt;xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers tank wagons for dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element

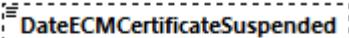
**RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods**

diagram	 <p>Certificate covers other wagons specialised in transport of dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre>&lt;xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers other wagons specialised in transport of dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

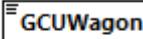
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

diagram	
	Identification if certificate has been suspended for any reason
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Identification if certificate has been suspended for any reason
source	<pre>&lt;xs:element name="ECMCertificateSuspended" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification if certificate has been suspended for any reason&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended**

diagram	
	Date of the suspension of the ECM certificate; must be provided in case of suspension
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
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>&lt;xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the suspension of the ECM certificate; must be provided in case of suspension&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/AdministrativeDataSet/GCUWagon**

diagram	
	Indication if wagon is operated under the GCU contract
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract

source	<pre>&lt;xs:element name="GCUWagon" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if wagon is operated under the GCU contract&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--------	--

## element **RollingStockDataset/DesignDataSet**

children	<a href="#">LetterMarking</a> <a href="#">TankCode</a> <a href="#">WagonNumberOfAxles</a> <a href="#">WheelSetType</a> <a href="#">WheelDiameter</a> <a href="#">WheelsetGauge</a> <a href="#">WheelSetTransformationMethod</a> <a href="#">NumberOfBogies</a> <a href="#">BogiePitch</a> <a href="#">BogiePivotPitch</a> <a href="#">InnerWheelbase</a> <a href="#">CouplingType</a> <a href="#">BufferType</a> <a href="#">NormalLoadingGauge</a> <a href="#">MinCurveRadius</a> <a href="#">MinVerticalRadius</a> <a href="#">YardHump</a> <a href="#">WagonWeightEmpty</a> <a href="#">LengthOverBuffers</a> <a href="#">MaxAxeWeight</a> <a href="#">LoadTable</a> <a href="#">MaxDesignSpeed</a> <a href="#">AirBrake</a> <a href="#">HandBrake</a> <a href="#">DerailmentDetectionDevice</a> <a href="#">BrakeBlock</a> <a href="#">WagonTelematics</a> <a href="#">MaxLengthOfLoad</a> <a href="#">LoadArea</a> <a href="#">HeightOfLoadingPlaneUnladen</a> <a href="#">RemovableAccessories</a> <a href="#">LoadingCapacity</a> <a href="#">MaxGrossWeight</a> <a href="#">VapourReturnSystem</a> <a href="#">FerryPermittedFlag</a> <a href="#">FerryRampAngle</a> <a href="#">TemperatureRange</a> <a href="#">TechnicalForwardingRestrictions</a> <a href="#">DateLastOverhaul</a> <a href="#">OverhaulValidityPeriod</a> <a href="#">PermittedTolerance</a> <a href="#">PlannedDateNextOverhaul</a> <a href="#">DateOfNextTankInspection</a>
source	<pre> &lt;xs:element name="DesignDataSet"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="LetterMarking"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="20"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="TankCode" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="20"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="WagonNumberOfAxles"/&gt;       &lt;xs:element name="WheelSetType" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Type name of the wheel sets, and the name of the type depends on the manufacturer.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="256"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="WheelDiameter" minOccurs="0"/&gt;       &lt;xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="WheelSetTransformationMethod" minOccurs="0"/&gt;       &lt;xs:element ref="NumberOfBogies" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of bogies for a wagon (applies for bogie wagons only)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="BogiePitch" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</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">

```

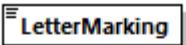
```
<xs:annotation>
    <xs:documentation>Maximum payload in tonnes of line
category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
</xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:decimal">
        <xs:totalDigits value="4"/>
        <xs:fractionDigits 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
```

	<pre>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 &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="NumberOfAccessoryOfSpecType" type="Numeric2-2"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Number of specified accessory equipped on the wagon&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="LoadingCapacity" minOccurs="0"/&gt; &lt;xs:element ref="MaxGrossWeight"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Weight of max Gross Load Weight plus the tare weight of the equipment in kg&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indication if tank wagon is equipped with a vapour return system&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="FerryPermittedFlag" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt; Indication if wagon is permitted to be used on ferries&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="FerryRampAngle" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Maximum allowed angle of the ferry ramp (in grades: °)&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;         &lt;xs:totalDigits value="3"/&gt;         &lt;xs:fractionDigits value="2"/&gt;     &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="TemperatureRange" minOccurs="0"&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Temperature Range&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:element ref="MaxTemp"/&gt;             &lt;xs:element ref="MinTemp"/&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	---

	<pre> &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="TechnicalForwardingRestrictions" minOccurs="0" maxOccurs="unbounded"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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 thechnical parameters are allowed to be used here. Only the code numbers should be in the annotation&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="DateLastOverhaul"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Date of the last overhaul, if yet no overhaul date of putting into service&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="OverhaulValidityPeriod"/&gt; &lt;xs:element ref="PermittedTolerance"/&gt; &lt;xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/&gt; &lt;xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Date of the next tank inspection, applies only for tank wagons&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **RollingStockDataset/DesignDataSet/LetterMarking**

diagram	 <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:string</b>						
properties	content simple						
facets	<table> <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	<p>documentation</p> <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p>						
source	<pre> &lt;xs:element name="LetterMarking"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Complete wagon category letter code. The </pre>						

	<p>Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p> <pre>&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="20"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	--

**element RollingStockDataset/DesignDataSet/TankCode**

diagram	 <p>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</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="TankCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="20"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element RollingStockDataset/DesignDataSet/WheelSetType**

diagram	 <p>Type name of the wheel sets, and the name of the type depends on the manufacturer.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="WheelSetType" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type name of the wheel sets, and the name of the type depends on the manufacturer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

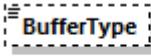
diagram	 <p>Largest distance between two adjacent bogie pitches in mm</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric1-5</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Largest distance between two adjacent bogie pitches in mm
source	<pre>&lt;xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Largest distance between two adjacent bogie pitches in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

diagram	 <p>Maximum distance between two adjacent axles in mm</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric1-5</a>
properties	content simple
facets	Kind Value Annotation minInclusive 1

	maxInclusive 99999
annotation	documentation Maximum distance between two adjacent axles in mm
source	<pre>&lt;xs:element name="InnerWheelbase" type="Numeric1-5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum distance between two adjacent axles in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="BufferType" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/LoadTable**

diagram	<pre> classDiagram     class LoadTableProduct {         Product description, only applies for product-specific load tables     }     class LoadTableCountry {         ISO country code of countries for additional load tables         0..∞     }     class SpeedCategory {         Numeric speed in load table, without speed empty in km/h         1..∞     }     class LoadTableStars {         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.     }     class RouteClassPayloads {         1..∞     }      LoadTable "0..∞" --&gt; LoadTableProduct     LoadTable "0..∞" --&gt; LoadTableCountry     LoadTable "1..∞" --&gt; SpeedCategory     LoadTable "0..∞" --&gt; LoadTableStars     LoadTable "1..∞" --&gt; RouteClassPayloads   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	<p>minOcc 0    maxOcc unbounded    content complex</p>
children	<a href="#">LoadTableProduct</a> <a href="#">LoadTableCountry</a> <a href="#">SpeedCategory</a> <a href="#">LoadTableStars</a> <a href="#">RouteClassPayloads</a>
annotation	<p>documentation</p> <p>Indicates the load tables marked on the wagon.</p> <p>When load tables are marked on the wagon the information must be provided in the RSRD message.</p> <p>Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively.</p> <p>For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.</p> <p>The complete load table must be provided including the empty load row (if existent).</p>
source	<pre> &lt;xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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>
<xss:complexType>
  <xss:sequence>
    <xss:element name="LoadTableProduct" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Product description, only applies for product-specific load tables</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:sequence>
          <xss:element name="ProductUNCode" type="Numeric4-4">
            <xss:annotation>
              <xss:documentation>UN code of product if product specific load table</xss:documentation>
            </xss:annotation>
          </xss:element>
          <xss:element name="ProductRIDName">
            <xss:annotation>
              <xss:documentation> RID product name as written on the folding panel</xss:documentation>
            </xss:annotation>
            <xss:simpleType>
              <xss:restriction base="xs:string">
                <xss:maxLength value="256"/>
              </xss:restriction>
            </xss:simpleType>
          </xss:element>
        </xss:sequence>
      </xss:complexType>
    </xss:element>
    <xss:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
      <xss:annotation>
        <xss:documentation>ISO country code of countries for additional load tables</xss:documentation>
      </xss:annotation>
    </xss:element>
    <xss:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded">
      <xss:annotation>
        <xss:documentation>Numeric speed in load table, without speed empty in km/h</xss:documentation>
      </xss:annotation>
    </xss:element>
    <xss:element ref="LoadTableStars" minOccurs="0">
      <xss:annotation>
        <xss: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
        </xss:documentation>
      </xss:annotation>
    </xss:element>
  </xss:sequence>
</xss:complexType>

```

	<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> &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="RouteClassPayloads" maxOccurs="unbounded"&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element ref="RouteClass"/&gt;             &lt;xs:element name="MaxPayload" maxOccurs="unbounded"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:simpleType&gt;                     &lt;xs:restriction base="xs:decimal"&gt;                         &lt;xs:totalDigits value="4"/&gt;                         &lt;xs:fractionDigits value="1"/&gt;                     &lt;/xs:restriction&gt;                 &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:element&gt; </pre>
--	--

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct**

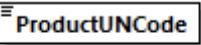
diagram	<pre> classDiagram     class LoadTableProduct {         &lt;&lt;Product description, only applies for product-specific load tables&gt;&gt;     }     class ProductUNCode {         &lt;&lt;UN code of product if product specific load table&gt;&gt;     }     class ProductRIDName {         &lt;&lt;RID product name as written on the folding panel&gt;&gt;     }     LoadTableProduct --&gt; ProductUNCode     LoadTableProduct --&gt; ProductRIDName </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">ProductUNCode</a> <a href="#">ProductRIDName</a>
annotation	documentation Product description, only applies for product-specific load tables
source	<pre> &lt;xs:element name="LoadTableProduct" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Product description, only applies for product-specific load tables&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="ProductUNCode" type="Numeric4-4"&gt; </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>

```

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**

diagram	 <b>ProductUNCode</b>  UN code of product if product specific load table
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric4-4</a>
properties	content simple
facets	Kind Value Annotation minInclusive 0001 maxInclusive 9999
annotation	documentation UN code of product if product specific load table
source	<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>

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductRIDName**

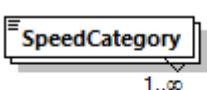
diagram	 <b>ProductRIDName</b>  RID product name as written on the folding panel
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple

facets	Kind Value Annotation maxLength 256
annotation	documentation RID product name as written on the folding panel
source	<pre>&lt;xs:element name="ProductRIDName"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; RID product name as written on the folding panel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry**

diagram	 <p>ISO country code of countries for additional load tables</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CountryIdentISO</a>
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>&lt;xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO country code of countries for additional load tables&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**

diagram	 <p>Numeric speed in load table, without speed empty in km/h</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Numeric1-5</a>

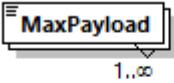
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Numeric speed in load table, without speed empty in km/h
source	<pre>&lt;xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Numeric speed in load table, without speed empty in km/h&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	<pre> sequenceDiagram     participant RP as RouteClassPayloads     participant RC as RouteClass     participant MP as MaxPayload     RP-&gt;&gt;RC:      RP-&gt;&gt;MP:      </pre> <p>The diagram illustrates the structure of the RouteClassPayloads element. It consists of a sequence of two components: RouteClass and MaxPayload. The RouteClass component is associated with a multiplicity of 1..∞. The MaxPayload component is also associated with a multiplicity of 1..∞. Arrows indicate the sequence flow from RouteClassPayloads to RouteClass and from RouteClassPayloads to MaxPayload.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 1 maxOcc unbounded content complex
children	<a href="#">RouteClass</a> <a href="#">MaxPayload</a>
source	<pre>&lt;xs:element name="RouteClassPayloads" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="RouteClass"/&gt;       &lt;xs:element name="MaxPayload" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;</pre>

	<pre> &lt;xs:totalDigits value="4"/&gt; &lt;xs:fractionDigits value="1"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload**

diagram	 <p>1..∞</p> <p>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:decimal</b>
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory
source	<pre> &lt;xs:element name="MaxPayload" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="4"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>DerailmentDetectionDevice</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration EDT 101

	enumeration MDV 100
	enumeration Non coded device
source	<xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/>

element **RollingStockDataset/DesignDataSet/BrakeBlock**

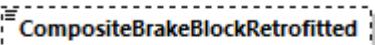
diagram	<p>Characteristics of brake blocks</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>complex</td></tr> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	<a href="#">BrakeBlockName</a> <a href="#">CompositeBrakeBlockRetrofitted</a> <a href="#">CompositeBrakeBlockInstallationDate</a>						
annotation	<p>documentation</p> <p>Characteristics of brake blocks</p>						
source	<pre> &lt;xs:element name="BrakeBlock" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Characteristics of brake blocks&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="BrakeBlockName" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of the brake block type, including the length in mm&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="256"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; Indication if composite brake blocks are retrofitted or originally equipped&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"&gt;         &lt;xs:annotation&gt; </pre>						

	<pre> &lt;xs:documentation&gt;Date of composite brake block installation, for originally equipped wagon = date put into service&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	--

element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

diagram	 <b>BrakeBlockName</b> Name of the brake block type, including the length in mm
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Name of the brake block type, including the length in mm
source	<pre> &lt;xs:element name="BrakeBlockName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of the brake block type, including the length in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

diagram	 <b>CompositeBrakeBlockRetrofitted</b> Indication if composite brake blocks are retrofitted or originally equipped
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
source	<pre> &lt;xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Indication if composite brake blocks are retrofitted</pre>

	<pre>or originally equipped&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

diagram	
	Date of composite brake block installation, for originally equipped wagon = date put into service
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
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>&lt;xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of composite brake block installation, for originally equipped wagon = date put into service&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/WagonTelematics**

diagram	<pre>graph LR   W[WagonTelematics] --&gt; TO[TelematicsOnBoard]   TO --- TD[TelematicsDevice]   style W fill:#e0f2e0   style TO fill:#ffffcc   style TD fill:#ffffcc   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>WagonTelematics</b>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">TelematicsOnBoard</a> <a href="#">TelematicsDevice</a>
annotation	documentation Information about telematics devices mounted on the wagon.
source	<pre>&lt;xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Information about telematics devices mounted on the wagon.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

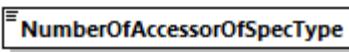
diagram	 <p><b>HeightOfLoadingPlaneUnladen</b></p> <p>Height of the loading plane when wagon is empty measured in mm</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">Numeric1-5</a>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <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</p> <p>Height of the loading plane when wagon is empty measured in mm</p>									
source	<pre>&lt;xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Height of the loading plane when wagon is empty measured in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

diagram	<p>The diagram shows a UML class named <b>RemovableAccessories</b> represented by a rectangle with a dashed border. It has a multiplicity of <b>0..oo</b> at its end, connected to a rounded rectangle representing the <b>TypeOfRemovableAccessories</b> class. The <b>TypeOfRemovableAccessories</b> class contains a list of 29 items, each with a number and a description.</p> <table border="1"> <thead> <tr> <th>Type of Removable Accessory</th><th>Description</th></tr> </thead> <tbody> <tr><td>01</td><td>Removable stanchion</td></tr> <tr><td>02</td><td>Removable side flap of flat wagon</td></tr> <tr><td>03</td><td>Removable end flap of flat wagon</td></tr> <tr><td>04</td><td>Removable side rail</td></tr> <tr><td>05</td><td>Removable intermediate upright for securing the load</td></tr> <tr><td>06</td><td>Stanchion chain</td></tr> <tr><td>07</td><td>Removable handle and wheel for winch on car-carrying wagon</td></tr> <tr><td>08</td><td>Swivelling bolster (with stanchions)</td></tr> <tr><td>09</td><td>Coupling rod (rigid coupling)</td></tr> <tr><td>10</td><td>Ice bunker</td></tr> <tr><td>11</td><td>Ice bunker screen</td></tr> <tr><td>12</td><td>Ice bunker frame</td></tr> <tr><td>13</td><td>Trestle or bar with hooks for hanging meat</td></tr> <tr><td>14</td><td>Movable cross-member of wagon with low loading plane</td></tr> <tr><td>15</td><td>Removable support</td></tr> <tr><td>16</td><td>Mooring cross-member on wagon for special loads</td></tr> <tr><td>17</td><td>Movable floor panel on wagon for special loads</td></tr> <tr><td>18</td><td>Scotch</td></tr> <tr><td>19</td><td>Skid bar with or without shoes on car-carrying wagon</td></tr> <tr><td>20</td><td>Mooring strap on car-carrying wagon</td></tr> <tr><td>21</td><td>Beam for movable ramp on car-carrying wagon</td></tr> <tr><td>22</td><td>Spare heating half-coupling</td></tr> <tr><td>23</td><td>Fire extinguisher</td></tr> <tr><td>24</td><td>Wheel scotches (for cars) on car-carrying wagon</td></tr> <tr><td>25</td><td>Gangway loading ramp on car-carrying wagon</td></tr> <tr><td>26</td><td>Metal cradles for rolls of metal sheeting</td></tr> <tr><td>27</td><td>Panel for covering markings</td></tr> <tr><td>28</td><td>Loading frame for special types of goods</td></tr> <tr><td>29</td><td>Headstock for "rolling roads"</td></tr> <tr><td>99</td><td>Other wagon accessories</td></tr> </tbody> </table> <p><b>NumberofAccessoryofSpecType</b></p> <p>Number of specified accessory equipped on the wagon</p>	Type of Removable Accessory	Description	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
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children	<b>TypeOfRemovableAccessories</b> <a href="#">NumberOfAccessoryofSpecType</a>																																																														
source	<pre>&lt;xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TypeOfRemovableAccessories"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Specification of removable accessory.           TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet           920-13:           01 = Removable stanchion&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>																																																														

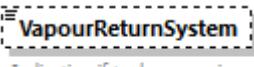
	<pre> 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling 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 &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt; &lt;xs:element name="NumberOfAccessoryOfSpecType" type="Numeric2-2"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Number of specified accessory equipped on the wagon&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessoryOfSpecType**

diagram	 <p>Number of specified accessory equipped on the wagon</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">Numeric2-2</a>									
properties	content simple									
facets	<table> <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	<xs:element name="NumberOfAccessoryOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element>

element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	 Indication if tank wagon is equipped with a vapour return system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system
source	<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>

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

diagram	 Maximum allowed angle of the ferry ramp (in grades: °)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 3 fractionDigits 2
annotation	documentation Maximum allowed angle of the ferry ramp (in grades: °)
source	<xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> </xs:element>

	<pre> &lt;xs:restriction base="xs:decimal"&gt;   &lt;xs:totalDigits value="3"/&gt;   &lt;xs:fractionDigits value="2"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram	<pre> classDiagram     class TemperatureRange {         &lt;&lt;Temperature Range&gt;&gt;     }     class MaxTemp {         &lt;&lt;Maximum Temperature in °Celsius&gt;&gt;     }     class MinTemp {         &lt;&lt;Minimum temperature in °Celsius&gt;&gt;     }     TemperatureRange "1" -- "1" MaxTemp     TemperatureRange "1" -- "1" MinTemp </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">MaxTemp</a> <a href="#">MinTemp</a>
source	<pre> &lt;xs:element name="TemperatureRange" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Temperature Range&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:element ref="MaxTemp"/&gt;       &lt;xs:element ref="MinTemp"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

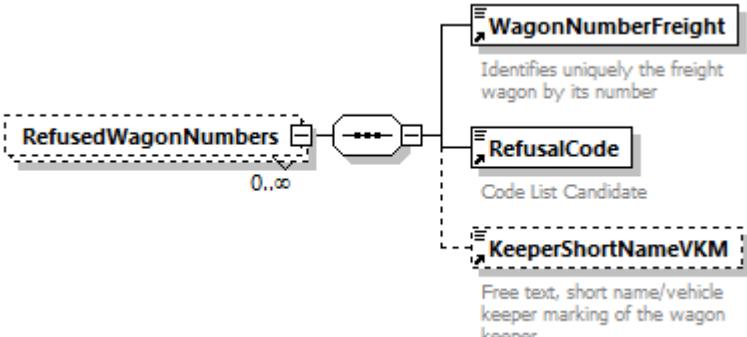
diagram	<pre> classDiagram     class DateOfNextTankInspection {         &lt;&lt;Date of the next tank inspection, applies only for tank wagons&gt;&gt;     } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:date</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the next tank inspection, applies only for tank wagons
source	<pre> &lt;xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the next tank inspection, applies only for tank wagons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

	</xs:element>
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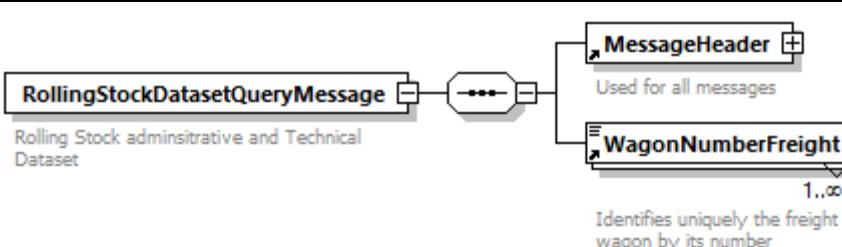
element **RollingStockDatasetMessage**

diagram	<pre> classDiagram     class RollingStockDatasetMessage {         &lt;&lt;Rolling Stock administrative and Technical Dataset&gt;&gt;     }     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class RollingStockDataset {         &lt;&lt;Rolling Stock administrative and Technical Dataset&gt;&gt;     }     class RefusedWagonNumbers {         &lt;&lt;Rolling Stock administrative and Technical Dataset&gt;&gt;     }      RollingStockDatasetMessage "0..∞" -- "0..∞" MessageHeader : Used for all messages     RollingStockDatasetMessage "0..∞" -- "0..∞" RollingStockDataset : Rolling Stock administrative and Technical Dataset     RollingStockDatasetMessage "0..∞" -- "0..∞" RefusedWagonNumbers : Rolling Stock administrative and Technical Dataset   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">RollingStockDataset</a> <a href="#">RefusedWagonNumbers</a>
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> &lt;xs:element name="RollingStockDatasetMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolling Stock administrative and Technical Dataset&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RollingStockDataset" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="WagonNumberFreight"/&gt;             &lt;xs:element ref="RefusalCode"/&gt;             &lt;xs:element ref="KeeperShortNameVKM" minOccurs="0"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **RollingStockDatasetMessage/RefusedWagonNumbers**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">RefusalCode</a> <a href="#">KeeperShortNameVKM</a>
source	<pre>&lt;xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="RefusalCode"/&gt;       &lt;xs:element ref="KeeperShortNameVKM" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDatasetQueryMessage**

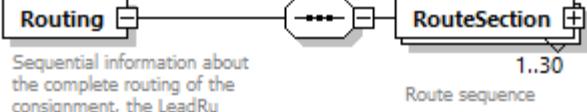
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonNumberFreight</a>
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre>&lt;xs:element name="RollingStockDatasetQueryMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolling Stock administrative and Technical Dataset&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	---

element **RouteInformation**

diagram	 <p>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">FreeText</a>									
properties	content simple									
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>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	<p>documentation</p> <p>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</p>									
source	<pre>&lt;xs:element name="RouteInformation" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **Routing**

diagram	 <p>Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">RouteSection</a>
annotation	<p>documentation</p> <p>Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p>
source	<pre>&lt;xs:element name="Routing"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RouteSection" maxOccurs="30"&gt;         &lt;xs:annotation&gt;</pre>

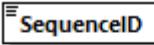
```
<xs:documentation>Route sequence</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="SequenceID" type="xs:int">
      <xs:annotation>
        <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport 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>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **Routing/RouteSection**

diagram	<pre> classDiagram     class RouteSection {         &lt;&lt;1..30&gt;&gt;         "Route sequence" --&gt; SequenceID     }     class SequenceID {         &lt;&lt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&gt;&gt;     }     class RouteCode {         &lt;&lt;Route code (International RouteCode)&gt;&gt;     }     class RouteText {         &lt;&lt;Description of the specific route section&gt;&gt;     }     SequenceID --&gt; RouteCode     RouteCode -.-&gt; RouteText   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 1 maxOcc 30 content complex
children	<a href="#">SequenceID</a> <a href="#">RouteCode</a> <a href="#">RouteText</a>
annotation	documentation Route sequence
source	<pre> &lt;xss:element name="RouteSection" maxOccurs="30"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Route sequence&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element name="SequenceID" type="xs:int"&gt;         &lt;xss:annotation&gt;           &lt;xss:documentation&gt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&lt;/xss:documentation&gt;         &lt;/xss:annotation&gt;       &lt;/xss:element&gt;       &lt;xss:sequence&gt;         &lt;xss:element name="RouteCode"&gt;           &lt;xss:annotation&gt;             &lt;xss:documentation&gt;Route code (International RouteCode)&lt;/xss:documentation&gt;           &lt;/xss:annotation&gt;           &lt;xss:simpleType&gt;             &lt;xss:restriction base="xs:string"&gt;               &lt;xss:length value="5"/&gt;               &lt;xss:pattern value="\d*[1-9]\d*0"/&gt;             &lt;/xss:restriction&gt;           &lt;/xss:simpleType&gt;         &lt;/xss:element&gt;         &lt;xss:element name="RouteText" minOccurs="0"&gt;           &lt;xss:annotation&gt;             &lt;xss:documentation&gt;Description of the specific route section&lt;/xss:documentation&gt;           &lt;/xss:annotation&gt;           &lt;xss:simpleType&gt;             &lt;xss:restriction base="xs:string"&gt;               &lt;xss:minLength value="1"/&gt;             &lt;/xss:restriction&gt;           &lt;/xss:simpleType&gt;         &lt;/xss:element&gt;       &lt;/xss:sequence&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

	<pre>           &lt;xs:maxLength value="80"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	---

**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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:int</b>
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> &lt;xs:element name="SequenceID" type="xs:int"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element Routing/RouteSection/RouteCode**

diagram	 <p>Route code (International RouteCode)</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
facets	Kind Value Annotation length 5 pattern \d*[1-9]\d*
annotation	documentation Route code (International RouteCode)
source	<pre> &lt;xs:element name="RouteCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Route code (International RouteCode)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="5"/&gt;     &lt;xs:pattern value="\d*[1-9]\d*0"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **Routing/RouteSection/RouteText**

diagram	 Description of the specific route section
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Description of the specific route section
source	<pre> &lt;xs:element name="RouteText" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of the specific route section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="80"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RP\_Code**

diagram	 Routing point code of the production station of the acceptance or delivery point.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	content simple
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">ConsignmentOrderMessage/COMS/COM/DeliveryPoint ProductionStation</a>
facets	Kind Value Annotation length 5

annotation	documentation Routing point code of the production station of the acceptance or delivery point.
source	<pre>&lt;xs:element name="RP_Code"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Routing point code of the production station of the acceptance or delivery point. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="5"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element RU\_Partner**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments</a>												
facets	<table> <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>&lt;xs:element name="RU_Partner" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Railway Undertaking&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

**element ScheduledDateTimeAtTransfer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">xs:dateTime</a>
properties	content simple
used by	element <a href="#">OperationalTrainNumberIdentifier</a>
annotation	documentation The referenced date and time of arrival or exit at the border between two different IMs
source	<pre>&lt;xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"&gt;</pre>

	<pre>&lt;xs:annotation&gt;   &lt;xs:documentation&gt;The referenced date and time of arrival or exit at the border between two different IMs&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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element **ScheduledTimeAtHandover**

diagram	 <b>ScheduledTimeAtHandover</b> <p>The referenced date and time of departure or entrance at the border between two different IMs</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">OperationalTrainNumberIdentifier</a>
annotation	documentation The referenced date and time of departure or entrance at the border between two different IMs
source	<pre>&lt;xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The referenced date and time of departure or entrance at the border between two different IMs&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

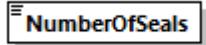
element **ScheduledTimeAtLocation**

diagram	 <b>ScheduledTimeAtLocation</b> <p>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">ExceptionPoint</a>
annotation	documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
source	<pre>&lt;xs:element name="ScheduledTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Scheduled Date and Time at a location related to the status of the train or wagon at the given location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

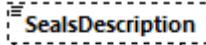
element **Seals**

diagram	<pre> classDiagram     class Seals {         &lt;&lt;Describes the seals used for the consignment&gt;&gt;     }     class NumberOfSeals {         &lt;&lt;Number of the seals attached by the original consignor.&gt;&gt;     }     class SealsDescription {         &lt;&lt;Additional information of the original consignor regarding the attached seals.&gt;&gt;     }      Seals "0..10" --&gt; NumberOfSeals     Seals "0..10" --&gt; "0..10" SealsDescription   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">NumberOfSeals</a> <a href="#">SealsDescription</a>
used by	elements <a href="#">ILU Details</a> <a href="#">ITU Details</a> <a href="#">Wagons/WagonDetails</a>
annotation	<p>documentation</p> <p>Describes the seals used for the consignment</p>
source	<pre> &lt;xsd:element name="Seals"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Describes the seals used for the consignment&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element name="NumberOfSeals"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;Number of the seals attached by the original consignor.&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;         &lt;xsd:simpleType&gt;           &lt;xsd:restriction base="xsd:int"&gt;             &lt;xsd:minInclusive value="0"/&gt;             &lt;xsd:totalDigits value="2"/&gt;           &lt;/xsd:restriction&gt;         &lt;/xsd:simpleType&gt;       &lt;/xsd:element&gt;       &lt;xsd:element name="SealsDescription" minOccurs="0" maxOccurs="10"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;Additional information of the original consignor regarding the attached seals.&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;         &lt;xsd:simpleType&gt;           &lt;xsd:restriction base="xsd:string"&gt;             &lt;xsd:maxLength value="10"/&gt;             &lt;xsd:minLength value="1"/&gt;           &lt;/xsd:restriction&gt;         &lt;/xsd:simpleType&gt;       &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **Seals/NumberOfSeals**

diagram	 <b>NumberOfSeals</b>  Number of the seals attached by the original consignor.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:int</b>
properties	content simple
facets	Kind Value Annotation minInclusive 0 totalDigits 2
annotation	documentation Number of the seals attached by the original consignor.
source	<pre>&lt;xs:element name="NumberOfSeals"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of the seals attached by the original consignor.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:totalDigits value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Seals/SealsDescription**

diagram	 <b>SealsDescription</b>  0..10  Additional information of the original consignor regarding the attached seals.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 10 content simple
facets	Kind Value Annotation minLength 1 maxLength 10
annotation	documentation Additional information of the original consignor regarding the attached seals.
source	<pre>&lt;xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information of the original consignor regarding the attached seals.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;</pre>

	<pre> &lt;xs:maxLength value="10"/&gt; &lt;xs:minLength value="1"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **Sender**

diagram	<p>The diagram shows a class named "Sender" with a dashed line pointing to an "attributes" box. Inside the box is a box labeled "CI_InstanceNumber" with the description "Number of a Common Interface Instance for the same Company".</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	extension of <a href="#">CompanyCode</a>												
properties	content complex												
used by	element <a href="#">MessageHeader</a>												
facets	<table> <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}												
attributes	<table> <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><a href="#">CI_InstanceNumber</a></td> <td><a href="#">Numeric2-2</a></td> <td></td> <td></td> <td></td> <td>documentation Number of a Common Interface Instance for the same Company</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	<a href="#">CI_InstanceNumber</a>	<a href="#">Numeric2-2</a>				documentation Number of a Common Interface Instance for the same Company
Name	Type	Use	Default	Fixed	Annotation								
<a href="#">CI_InstanceNumber</a>	<a href="#">Numeric2-2</a>				documentation Number of a Common Interface Instance for the same Company								
annotation	documentation The sender of the message												
source	<pre> &lt;xs:element name="Sender"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The sender of the message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension base="CompanyCode"&gt;         &lt;xs:attribute ref="CI_InstanceNumber"/&gt;       &lt;/xs:extension&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>												

element **SenderReference**

diagram	<p>The diagram shows a class named "SenderReference" with a note below it stating "reference used by the sender (e.g. FTP file name)".</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	element <a href="#">MessageHeader</a>									
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>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>&lt;xs:element name="SenderReference" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;reference used by the sender (e.g. FTP file name)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **Ship**

diagram	<p>The diagram illustrates the structure of the <b>Ship</b> element. It consists of a central rectangular box labeled <b>Ship</b>, which is connected via a line to three other boxes: <b>VesselIndication</b>, <b>HarbourName</b>, and <b>ShipOwner</b>. <b>VesselIndication</b> is shown with a plus sign (+) in its top right corner. <b>HarbourName</b> and <b>ShipOwner</b> are enclosed in dashed rectangles, indicating they are complex types or lists.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">VesselIndication</a> <a href="#">HarbourName</a> <a href="#">ShipOwner</a>
used by	elements <a href="#">ILU Details</a> <a href="#">ITU Details</a> <a href="#">Wagons/WagonDetails</a>
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<pre>&lt;xs:element name="Ship"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information for transports, which shall be handed over to a ship&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="VesselIndication"/&gt;       &lt;xs:element name="HarbourName" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of harbour, where the transport will be handed over to a ship.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:restriction base="xs:string"&gt;   &lt;xs:minLength value="1"/&gt;   &lt;xs:maxLength value="35"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ShipOwner" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of ship owner.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

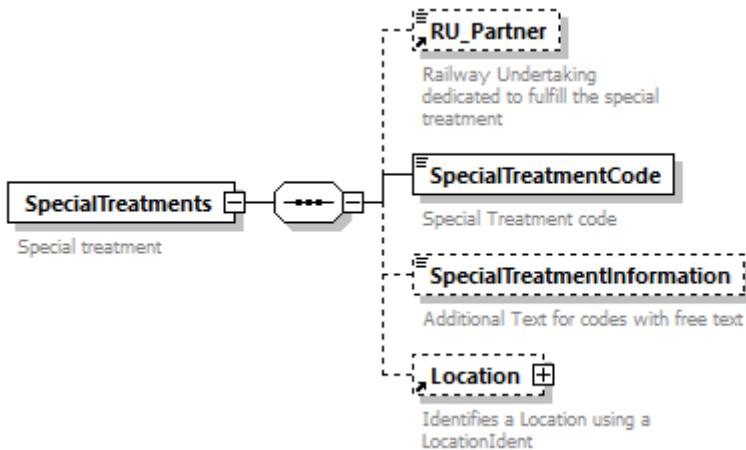
element **Ship/HarbourName**

diagram	 <p>Name of harbour, where the transport will be handed over to a ship.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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>Name of harbour, where the transport will be handed over to a ship.</p>									
source	<pre> &lt;xs:element name="HarbourName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of harbour, where the transport will be handed over to a ship.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **Ship/ShipOwner**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of ship owner.
source	<pre>&lt;xs:element name="ShipOwner" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of ship owner.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **SpecialTreatments**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">RU_Partner</a> <a href="#">SpecialTreatmentCode</a> <a href="#">SpecialTreatmentInformation</a> <a href="#">Location</a>
used by	<a href="#">ConsignmentOrderMessage/COMS/COM_WIMO_Dataset/ConsignmentLevelData</a>
annotation	documentation Special treatment
source	<pre>&lt;xs:element name="SpecialTreatments"&gt;   &lt;xs:annotation&gt;</pre>

```

<xs:documentation>Special treatment</xs:documentation>
</xs:annotation>
<xss:complexType>
  <xss:sequence>
    <xss:element ref="RU_Partner" minOccurs="0">
      <xss:annotation>
        <xs:documentation>Railway Undertaking dedicated to fulfill the
special treatment</xs:documentation>
      </xss:annotation>
    </xss:element>
    <xss:element name="SpecialTreatmentCode">
      <xss:annotation>
        <xs:documentation>Special Treatment code</xs:documentation>
      </xss:annotation>
      <xss:simpleType>
        <xss:restriction base="xs:string">
          <xs:length value="2"/>
        </xss:restriction>
      </xss:simpleType>
    </xss:element>
    <xss:element name="SpecialTreatmentInformation" minOccurs="0">
      <xss:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xss:annotation>
      <xss:simpleType>
        <xss:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="40"/>
        </xss:restriction>
      </xss:simpleType>
    </xss:element>
    <xss:element ref="Location" minOccurs="0"/>
  </xss:sequence>
</xss:complexType>
</xss:element>

```

element **SpecialTreatments/SpecialTreatmentCode**

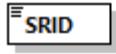
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
facets	Kind Value Annotation length 2
annotation	documentation Special Treatment code
source	<pre> &lt;xss:element name="SpecialTreatmentCode"&gt;   &lt;xss:annotation&gt;     &lt;xs:documentation&gt;Special Treatment code&lt;/xs:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:simpleType&gt; </pre>

	<pre>&lt;xs:restriction base="xs:string"&gt;   &lt;xs:length value="2"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	--

element **SpecialTreatments/SpecialTreatmentInformation**

diagram	 <p>Additional Text for codes with free text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 40
annotation	documentation Additional Text for codes with free text
source	<pre>&lt;xs:element name="SpecialTreatmentInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **SRID**

diagram	 <p>ID of coordinates system used (EPSG code)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	content simple
used by	element <a href="#">GeographicCoordinates</a>
facets	Kind Value Annotation pattern [0-9]{4}
annotation	documentation ID of coordinates system used (EPSG code)
source	<pre>&lt;xs:element name="SRID"&gt;   &lt;xs:annotation&gt;</pre>

	<pre>&lt;xs:documentation&gt;ID of coordinates system used (EPSG code)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:pattern value="[0-9]{4}" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

**element StartDate**

diagram	<b>StartDate</b> The start of the date/time in effect
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:date</b>
properties	content simple
used by	complexTypes <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a>
annotation	documentation The start of the date/time in effect
source	<pre>&lt;xs:element name="StartDate" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The start of the date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element StartDateTime**

diagram	<b>StartDateTime</b> The start of the date/time in effect
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">RequestedPeriod</a> <a href="#">RequestedTimeframe</a> <a href="#">ValidityPeriod</a>
annotation	documentation The start of the date/time in effect
source	<pre>&lt;xs:element name="StartDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The start of the date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **StartLocation**

diagram	<pre> classDiagram     class StartLocation     class LocationIdent {         CountryCodeISO         LocationPrimaryCode         PrimaryLocationName         LocationSubsidiaryIdentification     }     StartLocation --&gt; LocationIdent     </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Starting point of section or segment
source	<pre> &lt;xss:element name="StartLocation" type="LocationIdent"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Starting point of section or     segment&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt; &lt;/xss:element&gt; </pre>

element **Station**

diagram	<pre> classDiagram     class Station     class LocationIdent {         CountryCodeISO         LocationPrimaryCode         PrimaryLocationName         LocationSubsidiaryIdentification     }     Station --&gt; LocationIdent     </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">ConsignmentOrderMessage/COMS/COM/DeliveryPoint</a>
annotation	documentation Details of station serving the point
source	<pre>&lt;xs:element name="Station"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of station serving the point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="LocationIdent"/&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <a href="#">xs:token</a>
properties	content simple
used by	element <a href="#">ConsignmentOrderMessage/COMS/COM/AttachedDocuments</a>
facets	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>&lt;xs:element name="StatusOfDocument"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Enumerated value for the status of the attached document       1 = not electronical attached       2 embedded in ECTD, ECN or PCN     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;/xs:annotation&gt; &lt;xssimpleType&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="2"/&gt;     &lt;xs:enumeration value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xssimpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **SummaryOfGoodsWithSameRID**

diagram	<p>This element is only in use if the consignment 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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">UN Number</a> <a href="#">PackingGroup</a> <a href="#">DangerousGoodsWeight</a> <a href="#">DangerousGoodsVolume</a>
used by	elements <a href="#">ILU</a> <a href="#">ITU</a> <a href="#">RollingRoadUnit</a> <a href="#">Wagons</a>
annotation	<p>documentation</p> <p>This element is only in use if the consignment 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</p>
source	<pre> &lt;xs:element name="SummaryOfGoodsWithSameRID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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	<p><b>TechnicalForwardingRestrictions</b></p> <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 <code>RestrictionCodes</code>.</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 <code>RestrictionCodes</code>. Only these codes should be used in this element.</p> <p style="text-align: center;"><code>F =</code></p> <p>Freight  <code>P</code> = Passenger  <code>T</code> = Technical  <code>D</code> = Damage  <code>L</code> = Load</p> <table border="0"> <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 style="text-align: right;">D      L</td><td></td><td style="text-align: right;">T</td></tr> <tr> <td style="text-align: right;">07      F</td><td></td><td>Shunt only when hand brake operable with ground staff</td></tr> <tr> <td colspan="3" style="text-align: center; padding-top: 20px;">X</td></tr> <tr> <td style="text-align: right;">11      F</td><td style="text-align: right;">X      X</td><td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td></tr> <tr> <td colspan="3" style="text-align: center; padding-top: 20px;">X</td></tr> <tr> <td style="text-align: right;">12      F</td><td></td><td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres      X</td></tr> <tr> <td style="text-align: right;">13      F</td><td></td><td>Bogie wagon with distance between wheels of more than 17,50 metres</td></tr> <tr> <td colspan="3" style="text-align: center; padding-top: 20px;">X</td></tr> <tr> <td style="text-align: right;">15      F</td><td></td><td>Wagon not allowed over the hump</td></tr> <tr> <td colspan="3" style="text-align: center; padding-top: 20px;">Xxx</td></tr> <tr> <td style="text-align: right;">16      F</td><td style="text-align: right;">X      X      X</td><td>Do not fly shunt or gravity shunt (3 red triangles)</td></tr> </tbody> </table>	Code	F or P	Description	D      L		T	07      F		Shunt only when hand brake operable with ground staff	X			11      F	X      X	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	Xxx			16      F	X      X      X	Do not fly shunt or gravity shunt (3 red triangles)
Code	F or P	Description																																			
D      L		T																																			
07      F		Shunt only when hand brake operable with ground staff																																			
X																																					
11      F	X      X	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																																			
Xxx																																					
16      F	X      X      X	Do not fly shunt or gravity shunt (3 red triangles)																																			
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																				

type	<b>RestrictionCodes</b>		
properties	content simple		
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>		
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	
	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
	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
	41     F	Place this wagon at the front of the train

	42	x F	x      x Place this wagon at the rear of the train
	63 planned one	x F (+P)	x      x Special consignment or (for Passengers trains) loading/cinematic gauge larger than the
	70	F	x      x Shunt with care (1 red triangle)
	71	F	x      x      x Shunt with special care (2 red triangle)
	94	x F	x      x Gas carrying wagon without orange side stripe
			x
source	<p>&lt;xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"&gt;  &lt;xs:annotation&gt;</p> <p>&lt;xs:documentation&gt;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>		
			F = Freight
		P = Passenger	
		T = Technical	
		D = Damage	
		L = Load	
		Code    F or P Description	
	07	F	T      D      L Shunt only when hand brake operable with ground staff
	11	F	x      x Wagon other than bogie wagon with wheelbase of more than 9 metres
	12	F	x Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
	13	F	x Bogie wagon with distance between wheels of more than 17,50 metres
	15	F	x Wagon not allowed over the hump
	16	F	x      x      x Do not fly shunt or gravity shunt (3 red triangles)

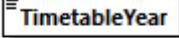
		x        x        x	
18	F	Must not use active braking equipment	
		x	
25	F	Gas carrying tank wagon with orange side stripe	
		x	
41	F	Place this wagon at the front of the train	
		x        x        x	
42	F	Place this wagon at the rear of the train	
		x        x        x	
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	
		x        x	
70	F	Shunt with care (1 red triangle)	
		x        x        x	
71	F	Shunt with special care (2 red triangle)	
		x        x        x	
94	F	Gas carrying wagon without orange side stripe	
		x	
		</xs:documentation>	
		</xs:annotation>	
		</xs:element>	

element **TiltingFunction**

diagram	
	Indicates if a rolling stock is fitted with a tilting system
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	documentation Indicates if a rolling stock is fitted with a tilting system
source	<pre>&lt;xs:element name="TiltingFunction" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates if a rolling stock is fitted with a tilting system&lt;/xs:documentation&gt;</pre>

	<code>&lt;/xs:annotation&gt;</code> <code>&lt;/xs:element&gt;</code>
--	---

element **TimetableYear**

diagram	 <b>TimetableYear</b> Refers to the timetable period in which the business will be carried out									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	complexTypes <a href="#"><b>CompositIdentifierOperationalType</b></a> <a href="#"><b>CompositIdentifierPlannedType</b></a>									
facets	<table> <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> &lt;xs:element name="TimetableYear"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Refers to the timetable period in which the business will be carried out&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="2012"/&gt;       &lt;xs:maxInclusive value="2097"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **TimingAtLocation**

diagram	<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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Timing</a> <a href="#">DwellTime</a>
used by	elements <a href="#">AssociatedAttachedTimingAtLocation</a> <a href="#">PlannedJourneyLocation</a>
annotation	<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 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>
source	<pre>&lt;xss:element name="TimingAtLocation"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;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</pre>

```

</xs:documentation>
</xs:annotation>
<xss:complexType>
  <xss:sequence>
    <xss:element name="Timing" minOccurs="0" maxOccurs="unbounded">
      <xss:complexType>
        <xss:sequence>
          <xss:element name="Time">
            <xss:annotation>
              <xss:documentation>hh:mm:ss</xss:documentation>
            </xss:annotation>
            <xss:complexType>
              <xss:simpleContent>
                <xss:extension base="xs:time"/>
              </xss:simpleContent>
            </xss:complexType>
          </xss:element>
          <xss:element ref="Offset">
            <xss:annotation>
              <xss:documentation>in days</xss:documentation>
            </xss:annotation>
          </xss:element>
          <xss:element ref="BookedLocationDateTime" minOccurs="0"/>
        </xss:sequence>
        <xss:attribute ref="TimingQualifierCode"/>
      </xss:complexType>
    </xss:element>
    <xss:element ref="DwellTime" minOccurs="0"/>
  </xss:sequence>
</xss:complexType>
</xss:element>

```

### element TimingAtLocation/Timing

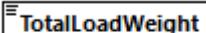
diagram	<p>The diagram illustrates the structure of the 'Timing' element. It features a central class named 'Timing' with a multiplicity of '0..∞'. An association line connects 'Timing' to another class, 'TimingQualifierCode', which is enclosed in a dashed box. This association is labeled 'attributes'. From the 'Timing' class, another association line leads to a class 'Time', also enclosed in a dashed box. This association is labeled 'hh:mm:ss'. From the 'Time' class, a third association line leads to a class 'Offset', also enclosed in a dashed box. This association is labeled 'in days'. Finally, from the 'Offset' class, a fourth association line leads to a class 'BookedLocationDateTime', also enclosed in a dashed box. A descriptive text box below 'BookedLocationDateTime' states: 'Scheduled Date and Time of a train at a specified location as defined in the path contract'.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">Time</a> <a href="#">Offset</a> <a href="#">BookedLocationDateTime</a>

attributes	Name TimingQualifierCode	Type <b>derived by:</b> <b>xs:token</b>	Use	Default	Fixed	Annotation
source		<pre>&lt;xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Time"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;hh:mm:ss&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:simpleContent&gt;             &lt;xs:extension base="xs:time"/&gt;           &lt;/xs:simpleContent&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Offset"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;in days&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;     &lt;xs:attribute ref="TimingQualifierCode"/&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>				

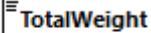
element **TimingAtLocation/Timing/Time**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <b>xs:time</b>
properties	content complex
annotation	documentation hh:mm:ss
source	<pre>&lt;xs:element name="Time"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;hh:mm:ss&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension base="xs:time"/&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TotalLoadWeight**

diagram													
	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												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
used by	element <a href="#">WagonOperationalData</a>												
facets	<table> <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>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>												
source	<pre>&lt;xs:element name="TotalLoadWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **TotalWeight**

diagram													
	Total weight of the loaded wagon [kg].												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
used by	elements <a href="#">Wagons/WagonDetails WagonInformation</a>												
facets	<table> <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 loaded wagon [kg].</p>												
source	<pre>&lt;xs:element name="TotalWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Total weight of the loaded wagon [kg].&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **TractionDetails**

diagram	<pre> classDiagram     class TractionDetails {         &lt;&lt;Defines the design series, mode of deployment and technical specifications associated with the traction of a train.&gt;&gt;     }     class LocoTypeNumber {         &lt;&lt;Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive&gt;&gt;     }     class TypeOfUsedHybridPowerunit {         &lt;&lt;Indication of type of power unit of a hybrid loco which is used; it has been filled only mandatory in case of hybrid locomotive&gt;&gt;     }     class TractionMode {         &lt;&lt;Identifies the mode of deployment of a traction unit within a train&gt;&gt;     }     class TractionWeight {         &lt;&lt;Check with group to see if it is for sum or individual - check TAP&gt;&gt;     }     class Length {         &lt;&lt;Length in millimetres - Used for TAP&gt;&gt;     }      TractionDetails "1" --&gt; "4..4" LocoTypeNumber     TractionDetails "1" --&gt; "0..1" TypeOfUsedHybridPowerunit     TractionDetails "1" --&gt; "0..1" TractionMode     TractionDetails "1" --&gt; "0..1" TractionWeight     TractionDetails "1" --&gt; "1..1" Length   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">LocoTypeNumber</a> <a href="#">TypeOfUsedHybridPowerunit</a> <a href="#">TractionMode</a> <a href="#">TractionWeight</a> <a href="#">Length</a>
used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	<p>documentation</p> <p>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p>
source	<pre> &lt;xss:element name="TractionDetails"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Defines the design series, mode of deployment and technical specifications associated with the traction of a train.&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="LocoTypeNumber"/&gt;       &lt;xss:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"&gt;         &lt;xss:annotation&gt;           &lt;xss:documentation&gt;Indication of type of power unit of a hybrid loco which is used; it has been filled only mandatory in case of hybrid locomotive&lt;/xss:documentation&gt;         &lt;/xss:annotation&gt;       &lt;/xss:element&gt;       &lt;xss:element ref="TractionMode" minOccurs="0"&gt;         &lt;xss:annotation&gt;           &lt;xss:documentation&gt;Identifies the mode of deployment of a traction unit within a train&lt;/xss:documentation&gt;         &lt;/xss:annotation&gt;       &lt;/xss:element&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

	<pre> &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="TractionWeight" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Check with group to see if it is for sum or individual - check TAP&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="Length" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Length in milimetres - Used for TAP&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **TractionPositionInTrain**

diagram	 <p>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">TrainCompositionJourneySection/LocIdent</a>									
facets	<table> <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	<p>documentation</p> <p>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p>									
source	<pre> &lt;xs:element name="TractionPositionInTrain"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="01"/&gt;             &lt;xs:maxInclusive value="99"/&gt;         &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **TractionWeight**

diagram	 The weight of the traction unit									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">WeightValueTonne</a>									
properties	content simple									
used by	element <a href="#">TractionDetails</a>									
facets	<table> <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>&lt;xs:element name="TractionWeight" type="WeightValueTonne"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The weight of the traction unit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **TrafficType**

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TrafficTypeNetwork</a> <a href="#">TrafficTypeCode</a>
used by	element <a href="#">PlannedTrainData</a>
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>&lt;xs:element name="TrafficType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="TrafficTypeCode"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	<table> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></td> </tr> </table>	minOcc	0		maxOcc	1		content	simple				
minOcc	0												
maxOcc	1												
content	simple												
facets	<table> <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	<p>documentation</p> <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>												
source	<pre> &lt;xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												

element **TrafficType/TrafficTypeCode**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 9
source	<pre>&lt;xs:element name="TrafficTypeCode"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **TrainActivity**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">TrainActivityType</a>

properties	content complex
children	<a href="#">TrainActivityType</a> <a href="#">AssociatedAttachedTrainID</a> <a href="#">AssociatedAttachedOTN</a> <a href="#">AssociatedAttachedTrainServiceNumber</a> <a href="#">AssociatedAttachedTimingAtLocation</a> <a href="#">AssociatedAttachedLocationIdent</a> <a href="#">FreeTextField</a>
used by	elements <a href="#">TrainRunningData/Activities</a> <a href="#">PlannedJourneyLocation</a>
annotation	documentation Since the activites 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>&lt;xs:element name="TrainActivity" type="TrainActivityType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Since the activites 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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainActivityType**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:string</b>			
properties	content simple			
used by	complexType <a href="#">TrainActivityType</a>			
facets	Kind Value Annotation minLength 4 maxLength 4			
annotation	documentation Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99. 0001 Commercial stop RU Board/disembark passenger train, load/unload freight train 0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver) 0007 Stops for locomotive to run round train RU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train) 0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load 0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change engine RU 0013 attach coach/wagon RU 0014 detach coach/wagon RU 0015 attach and detach coach/wagon RU 0016 attach train Operational Train (in service) 0017 split train Operational Train (in service) 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 be 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			

	<p>off</p> <p>0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections</p> <p>0040 Run Through (Passing Time) IM</p> <p>0041 Photo run-by / Photo-stop</p> <p>0042 Train Waiting Waiting according to local rules</p> <p>0043 Train running with another train RU Where trains have been attached at a previous location on the schedule</p> <p>0044 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service. RU</p> <p>0045 Dependency between trains (rolling stock). The same wagon/train/trainset is reused from the previous train service. RU</p> <p>0046 Dependency between trains (passengers/goods). Passengers/goods change from this train to another. RU</p> <p>0047 Dependency between trains (passengers/goods). Passengers/goods change from another train to this train. RU</p> <p>0048 Linkage of OTNs belonging to the same transport if no TrainID is present</p> <p>0049 Loco battery charging</p> <p>National / company codes: Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code</p> <p>CZ01 Stops from new stop opening day</p> <p>UK55 Stop shorter than 1/2 min</p> <p>IT72 Train report stop cancelled</p>
source	<pre>&lt;xs:element name="TrainActivityType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99.       0001 Commercial stop RU Board/disembark passenger train, load/unload freight train       0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train)       0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff)       0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system)       0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine)       0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver)       0007 Stops for locomotive to run round trainRU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train)       0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station:         brake test, checking load       0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F-&gt;E, SVE-&gt;FI)       0010 attach engine/unit RU Unit not previously in service       0011 detach engine/unit RU Unit no longer in service       0012 change engineRU       0013 attach coach/wagon RU       0014 detach coach/wagon RU       0015 attach and detach coach/wagon RU       0016 attach train Operational Train (in service)       0017 split train Operational Train (in service)       0018 Parking of vehicle RU e.g. need to park the train/composition</pre>

	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 be 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 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 0044 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service. RU 0045 Dependency between trains (rolling stock). The same wagon/train/trainset is reused from the previous train service. RU 0046 Dependency between trains (passengers/goods). Passengers/goods change from this train to another. RU 0047 Dependency between trains (passengers/goods). Passengers/goods change from another train to this train. RU 0048 Linkage of OTNs belonging to the same transport if no TrainID is present 0049 Loco battery charging  National / company codes: Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code CZ01 Stops from new stop opening day UK55 Stop shorter than 1/2 min
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	<pre>IT72 Train report stop cancelled &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="4"/&gt;     &lt;xs:maxLength value="4"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **TrainAtLocation**

diagram	<pre> classDiagram     class TrainAtLocation {         &lt;&lt;Specifies information about a train at a specific location&gt;&gt;     }     class TrainLocationStatus {         &lt;&lt;Identifies the status of a train related to the actual time at a reporting point&gt;&gt;     }     class OperationalTrainNumberIdentifier {         &lt;&lt;+&gt;&gt;     }     class ReferenceOTN {         &lt;&lt;+&gt;&gt;     }     class TrainOperationalIdentification {         &lt;&lt;+&gt;&gt;     }     class BookedLocationDateTime {         &lt;&lt;Scheduled Date and Time of a train at a specified location as defined in the path contract&gt;&gt;     }     class ReferencedLocationDateTime {         &lt;&lt;Reference to original planned Date and Time agreed by all involved IMs and RUs.&gt;&gt;     }     class LocationDateTime {         &lt;&lt;Identifies the actual or forecasted Date / Time at a specific reporting point&gt;&gt;     }     class TrainDelay {         &lt;&lt;+&gt;&gt;     }      TrainAtLocation "2" -- "1" TrainLocationStatus :      TrainAtLocation "2" -- "1" OperationalTrainNumberIdentifier :      TrainAtLocation "2" -- "1" ReferenceOTN :      TrainAtLocation "2" -- "1" TrainOperationalIdentification :      TrainAtLocation "2" -- "1" BookedLocationDateTime :      TrainAtLocation "2" -- "1" ReferencedLocationDateTime :      TrainAtLocation "2" -- "1" LocationDateTime :      TrainAtLocation "2" -- "1" TrainDelay :   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TrainLocationStatus</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">TrainOperationalIdentification</a> <a href="#">BookedLocationDateTime</a> <a href="#">ReferencedLocationDateTime</a> <a href="#">LocationDateTime</a> <a href="#">TrainDelay</a>
used by	element <a href="#">TrainForecastAtReportingLocationMessage</a>
annotation	documentation Specifies information about a train at a specific location
source	<pre>&lt;xs:element name="TrainAtLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies information about a train at a specific</pre>

	<pre> location&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xss:complexType&gt;   &lt;xss:sequence&gt;     &lt;xss:element ref="TrainLocationStatus"/&gt;     &lt;xss:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;xss:element ref="ReferenceOTN" minOccurs="0"/&gt;     &lt;xss:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;     &lt;xss:element ref="BookedLocationDateTime"/&gt;     &lt;xss:element ref="ReferencedLocationDateTime" minOccurs="0"/&gt;     &lt;xss:element ref="LocationDateTime"/&gt;     &lt;xss:element ref="TrainDelay"/&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TrainCC\_System**

diagram	 <p>Identifies the command control system of the train in coded values.</p>																																																																					
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																																					
type	<b>TrainCC_SystemCode</b>																																																																					
properties	content simple																																																																					
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>																																																																					
facets	<table> <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> <tr><td>enumeration</td><td>22</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		enumeration	22	
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	enumeration 52
	enumeration 53
	enumeration 54
annotation	documentation Identifies the command control system of the train in coded values.
source	<pre>&lt;xs:element name="TrainCC_System" type="TrainCC_SystemCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the command control system of the train in coded values.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainCompositionJourneySection**

diagram	<pre> classDiagram     class TrainCompositionJourneySection {         &lt;&lt;Defines the make up of a train for each section of its journey&gt;&gt;     }     class JourneySection {         &lt;&lt;Defines the data provided by the IM for a journey section&gt;&gt;     }     class TrainRunningData {         &lt;&lt;Train relevant data for a running train&gt;&gt;     }     class LocIdent {         &lt;&lt;Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train&gt;&gt;         &lt;&lt;0..∞&gt;&gt;     }     class LivestockOrPeopleIndicator {         &lt;&lt;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.'&gt;&gt;     }     class WagonData {         &lt;&lt;Wagon relevant data for the wagons within a running train&gt;&gt;         &lt;&lt;0..∞&gt;&gt;     }      TrainCompositionJourneySection "2" -- "1" JourneySection     TrainCompositionJourneySection "2" -- "1" TrainRunningData     TrainCompositionJourneySection "2" -- "1..*" LocIdent     TrainCompositionJourneySection "2" -- "1..*" LivestockOrPeopleIndicator     TrainCompositionJourneySection "2" -- "1..*" WagonData   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">JourneySection</a> <a href="#">TrainRunningData</a> <a href="#">LocIdent</a> <a href="#">LivestockOrPeopleIndicator</a> <a href="#">WagonData</a>
used by	element <a href="#">TrainCompositionMessage</a>
annotation	documentation Defines the make up of a train for each section of its journey
source	<pre> &lt;xss:element name="TrainCompositionJourneySection"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Defines the make up of a train for each section of its journey&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="JourneySection"/&gt;       &lt;xss:element ref="TrainRunningData"/&gt;       &lt;xss:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xss:annotation&gt;           &lt;xss:documentation&gt;Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train&lt;/xss:documentation&gt;         &lt;/xss:annotation&gt;         &lt;xss:complexType&gt;           &lt;xss:sequence&gt;             &lt;xss:element ref="TractionType"/&gt;           &lt;/xss:sequence&gt;         &lt;/xss:complexType&gt;       &lt;/xss:element&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

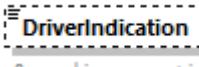
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<xs:element ref="LocoTypeNumber" minOccurs="0"/>
<xs:element ref="LocoNumber" minOccurs="0"/>
<xs:element ref="TractionMode" minOccurs="0"/>
<xs:element ref="RegenerativeBrake" minOccurs="0"/>
<xs:element name="DriverIndication" minOccurs="0">
    <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/Locoldent**

diagram	<pre> graph LR     Locoldent[Locoldent] -- "0..∞" --&gt; TT[TractionType]     TT --- TOTHPU[TypeOfUsedHybridPowerunit]     TOTHPU --- LTN[LocoTypeNumber]     LTN --- LN[LocoNumber]     LTN --- TM[TractionMode]     LTN --- RB[RegenerativeBrake]     LTN --- DI[DriverIndication]     LTN --- TPIT[TractionPositionInTrain]   </pre> <p><b>Locoldent</b> <i>0..∞</i></p> <p>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</p> <p><b>TractionType</b></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><b>TypeOfUsedHybridPowerunit</b></p> <p>information about the type of power unit in case of using a hybrid locomotive</p> <p><b>LocoTypeNumber</b> +</p> <p>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><b>LocoNumber</b></p> <p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p> <p><b>TractionMode</b></p> <p>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> <p><b>RegenerativeBrake</b> +</p> <p>Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source</p> <p><b>DriverIndication</b></p> <p>0 - no driver present in Loco,    1 - driver(s) is /are) present in Loco</p> <p><b>TractionPositionInTrain</b></p> <p>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">TractionType</a> <a href="#">TypeOfUsedHybridPowerunit</a> <a href="#">LocoTypeNumber</a> <a href="#">LocoNumber</a> <a href="#">TractionMode</a> <a href="#">RegenerativeBrake</a> <a href="#">DriverIndication</a> <a href="#">TractionPositionInTrain</a>
annotation	documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train
source	<pre>&lt;xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TractionType"/&gt;       &lt;xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/&gt;       &lt;xs:element ref="LocoTypeNumber" minOccurs="0"/&gt;       &lt;xs:element ref="LocoNumber" minOccurs="0"/&gt;       &lt;xs:element ref="TractionMode" minOccurs="0"/&gt;       &lt;xs:element ref="RegenerativeBrake" minOccurs="0"/&gt;       &lt;xs:element name="DriverIndication" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:enumeration value="0"/&gt;             &lt;xs:enumeration value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="TractionPositionInTrain" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TrainCompositionJourneySection/Locoident/DriverIndication**

diagram	 <p>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:integer</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="DriverIndication" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;0 - no driver present in Loco, 1 - driver(s) is /are present in Loco&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **TrainCompositionMessage**

diagram	<p>The diagram illustrates the structure of the <b>TrainCompositionMessage</b> element. It consists of the following components:</p> <ul style="list-style-type: none"> <li><b>MessageHeader</b>: Used for all messages.</li> <li><b>MessageStatus</b>: Assigned by the Sender (1=creation, 2=modification, 3=deletion).</li> <li><b>TransportOperationalIdentifiers</b>: 0..∞ occurrences.</li> <li><b>OperationalTrainNumberIdentifier</b>.</li> <li><b>ReferenceOTN</b>.</li> <li><b>TransferPoint</b>: Transfer point or station of destination in the considered network.</li> <li><b>TransfereeIM</b>: Next IM.</li> <li><b>TrainCompositionJourneySection</b>: 1..99 occurrences. Defines the make up of a train for each section of its journey.</li> </ul> <p>A note next to the <b>TrainCompositionMessage</b> class states: "This message is sent from an RU to an IM defining the composition of the proposed train."</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TransportOperationalIdentifiers</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a> <a href="#">TrainCompositionJourneySection</a>
annotation	<p>documentation</p> <p>This message is sent from an RU to an IM defining the composition of the proposed train.</p>
source	<pre>&lt;xs:element name="TrainCompositionMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is sent from an RU to an IM defining the composition of the proposed train.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

	<pre> &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="MessageHeader"/&gt;     &lt;xs:element ref="MessageStatus"/&gt;     &lt;xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;     &lt;xs:element ref="TransferPoint" minOccurs="0"/&gt;     &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt;     &lt;xs:element ref="TrainCompositionJourneySection" maxOccurs="99"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TrainContactDetails**

diagram	<p>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.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">CommunicationRefID</a>									
properties	content simple									
used by	element <a href="#">TrainReadyMessage</a>									
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>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	<p>documentation</p> <p>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.</p>									
source	<pre> &lt;xs:element name="TrainContactDetails" type="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **TrainDelay**

diagram	<p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">AgainstBooked</a> <a href="#">AgainstReferenced</a>
used by	elements <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a> <a href="#">TrainReadyMessage/TrainReadyStatus</a> <a href="#">TrainReadyStatus</a>
annotation	<p>documentation</p> <p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p>
source	<pre>&lt;xs:element name="TrainDelay"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="AgainstBooked" minOccurs="0"/&gt;       &lt;xs:element ref="AgainstReferenced" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Delay compared to the referenced Date/Time&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TrainDelayCauseMessage**

diagram	<pre> classDiagram     class TrainDelayCauseMessage {         &lt;&lt;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&gt;&gt;     }     class MessageHeader     class MessageStatus     class TrainOperationalIdentification     class OperationalTrainNumberIdentifier     class ReferenceOTN     class ResponsibleRU {         &lt;&lt;RU Responsible for the physical operation of the train or wagon&gt;&gt;     }     class DelayEventReport {         &lt;&lt;Provides the detailed information about a single delay event (Replaced DelayReasonReport)&gt;&gt;     }     class TransferPoint     class TransfereeIM {         &lt;&lt;Next IM&gt;&gt;     }      TrainDelayCauseMessage &lt; --&gt; MessageHeader     TrainDelayCauseMessage &lt; --&gt; MessageStatus     TrainDelayCauseMessage &lt; --&gt; TrainOperationalIdentification     TrainDelayCauseMessage &lt; --&gt; OperationalTrainNumberIdentifier     TrainDelayCauseMessage &lt; --&gt; ReferenceOTN     TrainDelayCauseMessage &lt; --&gt; ResponsibleRU     TrainDelayCauseMessage &lt; --&gt; DelayEventReport     TrainDelayCauseMessage &lt; --&gt; TransferPoint     TrainDelayCauseMessage &lt; --&gt; TransfereeIM   </pre> <p>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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">DelayEventReport</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xss:element name="TrainDelayCauseMessage"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;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 &lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="MessageHeader"/&gt;       &lt;xss:element ref="MessageStatus"/&gt;       &lt;xss:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;       &lt;xss:element ref="OperationalTrainNumberIdentifier"/&gt;       &lt;xss:element ref="ReferenceOTN" minOccurs="0"/&gt;       &lt;xss:element ref="ResponsibleRU" minOccurs="0"/&gt;       &lt;xss:element ref="DelayEventReport"/&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

	<pre> &lt;xs:element ref="TransferPoint" minOccurs="0"/&gt; &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TrainForecastAtReportingLocationMessage**

diagram	<pre> classDiagram     class TrainForecastAtReportingLocatio... {         &lt;&lt;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.&gt;&gt;     }     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class MessageStatus {         &lt;&lt;Assigned by the Sender 1=creation, 2=modification, 3=deletion&gt;&gt;     }     class Location {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;     }     class TrainAtLocation {         &lt;&lt;Specifies information about a train at a specific location&gt;&gt;     }      TrainForecastAtReportingLocatio... &lt; -- MessageHeader     TrainForecastAtReportingLocatio... &lt; -- MessageStatus     TrainForecastAtReportingLocatio... &lt; -- Location     TrainForecastAtReportingLocatio... &lt; -- TrainAtLocation </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">Location</a> <a href="#">TrainAtLocation</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xs:element name="TrainForecastAtReportingLocationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="TrainAtLocation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

## element TrainID

diagram	<pre> classDiagram     class TrainID     class CompositIdentifierOperationalType {         &lt;&lt;ObjectType&gt;&gt;         &lt;&lt;Company&gt;&gt;         &lt;&lt;Core&gt;&gt;         &lt;&lt;Variant&gt;&gt;         &lt;&lt;TimetableYear&gt;&gt;         &lt;&lt;StartDate&gt;&gt;     }     TrainID --&gt; CompositIdentifierOperationalType     </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><b>CompositIdentifierOperationalType</b></a>
properties	content complex
children	<a href="#"><b>ObjectType</b></a> <a href="#"><b>Company</b></a> <a href="#"><b>Core</b></a> <a href="#"><b>Variant</b></a> <a href="#"><b>TimetableYear</b></a> <a href="#"><b>StartDate</b></a>
used by	elements <a href="#"><b>ArrivalInterchangeReport</b></a> <a href="#"><b>DepartureInterchangeReport</b></a>
source	<code>&lt;xsd:element name="TrainID" type="CompositIdentifierOperationalType"/&gt;</code>

element **TrainInformation**

diagram	<pre> classDiagram     class TrainInformation {         &lt;&lt;Train information provided by the RUs as an overview for the entire train journey from origin to destination&gt;&gt;     }     class PlannedJourneyLocation {         &lt;&lt;Any operation point along a train journey&gt;&gt;     }     class PlannedCalendar {         &lt;&lt;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.&gt;&gt;     }     class PathPlanningReferenceLocation {         &lt;&lt;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.&gt;&gt;     }      TrainInformation "2..∞" --&gt; PlannedJourneyLocation     TrainInformation "2..∞" --&gt; PlannedCalendar     TrainInformation "2..∞" --&gt; PathPlanningReferenceLocation   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">PlannedJourneyLocation</a> <a href="#">PlannedCalendar</a> <a href="#">PathPlanningReferenceLocation</a>
used by	element <a href="#">PathRequestMessage</a>
annotation	<p>documentation</p> <p>Train information provided by the RUs as an overview for the entire train journey from origin to destination</p>
source	<pre> &lt;xsd:element name="TrainInformation"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Train information provided by the RUs as an overview for the entire train journey from origin to destination&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;Any operation point along a train journey&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;       &lt;/xsd:element&gt;       &lt;xsd:element ref="PlannedCalendar"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;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.&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;       &lt;/xsd:element&gt;       &lt;xsd:element name="PathPlanningReferenceLocation"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;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.&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;       &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

	<pre> have to check this.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt; &lt;xs:complexContent&gt; &lt;xs:extension base="LocationIdent"/&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TrainInformation/PathPlanningReferenceLocation**

diagram	<p>The diagram illustrates the UML class structure for the <b>PathPlanningReferenceLocation</b> element. It is defined as an extension of the <b>LocationIdent</b> class. The <b>PathPlanningReferenceLocation</b> class has four associated objects: <b>CountryCodeISO</b>, <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b>, and <b>LocationSubsidiaryIdentification</b>. The <b>PrimaryLocationName</b> object is marked with a dashed line, indicating it is optional.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xs:element name="PathPlanningReferenceLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="LocationIdent"/&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **TrainJourneyModification**

diagram	<p>This element shows which locations are changed during the running of a train</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TrainJourneyModificationIndicator</a> <a href="#">LocationModified</a>
used by	element <a href="#">TrainJourneyModificationMessage</a>
annotation	documentation This element shows which locations are changed during the running of a train
source	<pre>&lt;xs:element name="TrainJourneyModification"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows which locations are changed during the running of a train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainJourneyModificationIndicator"/&gt;       &lt;xs:element ref="LocationModified" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TrainJourneyModificationIndicator**

diagram	<p>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:integer</a>									
properties	content simple									
used by	element <a href="#">TrainJourneyModification</a>									
facets	<table> <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>&lt;xs:element name="TrainJourneyModificationIndicator"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This indicates what has changed in the train running e.g. rerouting, cancellation etc..&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

	<pre>e.g. rerouting, cancellation etc..&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="99"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **TrainJourneyModificationMessage**

diagram	<pre> classDiagram     class TrainJourneyModificationMessage {         &lt;&lt;This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed&gt;&gt;     }     class MessageHeader     class MessageStatus     class TrainOperationalIdentification     class OperationalTrainNumberIdentifier     class ReferenceOTN     class TrainJourneyModification {         &lt;&lt;This element shows which locations are changed during the running of a train&gt;&gt;         &lt;&lt;1..&gt;&gt;     }     class ModificationReason     class TrainJourneyModificationTime     class Remarks {         &lt;&lt;0..&gt;&gt;         &lt;&lt;Free Form Text&gt;&gt;     }     class TransferPoint     class InternalReferenceIdentifier     class TransfereeIM      TrainJourneyModificationMessage &lt; -- TrainJourneyModification     TrainJourneyModificationMessage --&gt; MessageHeader     TrainJourneyModificationMessage --&gt; MessageStatus     TrainJourneyModificationMessage --&gt; TrainOperationalIdentification     TrainJourneyModificationMessage --&gt; OperationalTrainNumberIdentifier     TrainJourneyModificationMessage --&gt; ReferenceOTN     TrainJourneyModificationMessage --&gt; TrainJourneyModification     TrainJourneyModificationMessage --&gt; ModificationReason     TrainJourneyModificationMessage --&gt; TrainJourneyModificationTime     TrainJourneyModificationMessage --&gt; Remarks     TrainJourneyModificationMessage --&gt; TransferPoint     TrainJourneyModificationMessage --&gt; InternalReferenceIdentifier     TrainJourneyModificationMessage --&gt; TransfereeIM   </pre> <p>This diagram illustrates the structure of the <b>TrainJourneyModificationMessage</b> element. It is a complex type with the following components:</p> <ul style="list-style-type: none"> <li><b>MessageHeader</b>: Used for all messages.</li> <li><b>MessageStatus</b>: Assigned by the Sender (1=Creation, 2=Modification, 3=deletion).</li> <li><b>TrainOperationalIdentification</b>: A reference to the operational identification of the train.</li> <li><b>OperationalTrainNumberIdentifier</b>: A reference to the operational train number identifier.</li> <li><b>ReferenceOTN</b>: A reference to the reference OTN.</li> <li><b>TrainJourneyModification</b>: A sequence of modifications (1..∞) showing location changes during the train's run. This is the primary component of the message.</li> <li><b>ModificationReason</b>: Identifies the reason for the train journey being modified.</li> <li><b>TrainJourneyModificationTime</b>: Indicates the time when the modification was made to the train journey.</li> <li><b>Remarks</b>: Free form text (0..∞).</li> <li><b>TransferPoint</b>: Transfer point or station of destination in the considered network where the Reference Train Numbers refers to.</li> <li><b>InternalReferenceIdentifier</b>: The link to the IM System Reference.</li> <li><b>TransfereeIM</b>: Next IM.</li> </ul> <p>The <b>TrainJourneyModificationMessage</b> class also has a documentation note: "This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed".</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">TrainJourneyModification</a> <a href="#">ModificationReason</a> <a href="#">TrainJourneyModificationTime</a> <a href="#">Remarks</a> <a href="#">TransferPoint</a> <a href="#">InternalReferenceIdentifier</a> <a href="#">TransfereeIM</a>
annotation	<p>documentation</p> <p>This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p>
source	<code>&lt;xs:element name="TrainJourneyModificationMessage"&gt;</code>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt; This message is issued to show, in real time, that the train is reroouted-cancelled-stopping pattern is changed&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="MessageHeader"/&gt;     &lt;xs:element ref="MessageStatus"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Assigned by the Sender 1=Creation, 2=Modification, 3=deletion &lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;     &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;     &lt;xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/&gt;     &lt;xs:element ref="ModificationReason" minOccurs="0"/&gt;     &lt;xs:element ref="TrainJourneyModificationTime" minOccurs="0"/&gt;     &lt;xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;xs:element ref="TransferPoint" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Transfer point or station of destination in the considered network where the Reference Train Numbers refers to &lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;     &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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### element **TrainJourneyModificationTime**

diagram	 <p>Indicates the time time when the modification was made to the train journey</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">TrainJourneyModificationMessage</a>
annotation	documentation Indicates the time time when the modification was made to the train journey
source	<pre> &lt;xs:element name="TrainJourneyModificationTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the time time when the modification was made to the train journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **TrainJourneyStartTime**

diagram	 <b>TrainJourneyStartTime</b>  The precise time at which the train should present itself on the network
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation The precise time at which the train should present itself on the network
source	<pre>&lt;xs:element name="TrainJourneyStartTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The precise time at which the train should present itself on the network&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainLength**

diagram	 <b>TrainLength</b>  The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><b>Numeric4-4</b></a>
properties	content simple
used by	elements <a href="#"><b>PlannedTrainTechnicalData</b></a> <a href="#"><b>TrainRunningTechData</b></a>
facets	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>&lt;xs:element name="TrainLength" type="Numeric4-4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainLocationReport**

diagram	<pre> classDiagram     class TrainLocationReport {         &lt;&lt;Specifies the relevant running data of a train related to a specific location&gt;&gt;     }     class Location {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;     }     class LocationDateTime {         &lt;&lt;Identifies the actual or forecasted Date / Time at a specific reporting point&gt;&gt;     }     class TrainLocationStatus {         &lt;&lt;Identifies the status of a train related to the actual time at a reporting point&gt;&gt;     }     class BookedLocationDateTime {         &lt;&lt;Scheduled Date and Time of a train at a specified location as defined in the path contract&gt;&gt;     }     class ReferencedLocationDateTime {         &lt;&lt;Reference to original planned Date and Time agreed by all involved IMs and RUs.&gt;&gt;     }     class TrainDelay {         &lt;&lt;Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time&gt;&gt;     }     class GeoLocalisationOnNetwork {         &lt;&lt;Geolocation information crossed with network data.&gt;&gt;     }      TrainLocationReport &lt; -- Location     TrainLocationReport &lt; -- LocationDateTime     TrainLocationReport &lt; -- TrainLocationStatus     TrainLocationReport --&gt; BookedLocationDateTime     TrainLocationReport --&gt; ReferencedLocationDateTime     TrainLocationReport --&gt; TrainDelay     TrainLocationReport --&gt; GeoLocalisationOnNetwork   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">LocationDateTime</a> <a href="#">TrainLocationStatus</a> <a href="#">BookedLocationDateTime</a> <a href="#">ReferencedLocationDateTime</a> <a href="#">TrainDelay</a> <a href="#">GeoLocalisationOnNetwork</a>
used by	elements <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a>
annotation	documentation Specifies the relevant running data of a train related to a specific location
source	<pre> &lt;xsd:element name="TrainLocationReport"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Specifies the relevant running data of a train related to a specific location&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="Location"/&gt;       &lt;xsd:element ref="LocationDateTime"/&gt;       &lt;xsd:element ref="TrainLocationStatus"/&gt;       &lt;xsd:element ref="BookedLocationDateTime" minOccurs="0"&gt;         &lt;xsd:annotation&gt;           &lt;xsd:documentation&gt;Scheduled Date and Time of a train at a specified location as defined in the path contract&lt;/xsd:documentation&gt;         &lt;/xsd:annotation&gt;       &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

	<pre> &lt;/xs:element&gt; &lt;xs:element ref="ReferencedLocationDateTime" minOccurs="0"/&gt; &lt;xs:element ref="TrainDelay" minOccurs="0"/&gt; &lt;xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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element **TrainLocationStatus**

diagram	<p>Identifies the status of a train related to the actual time at a reporting point</p>																																																															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																															
type	<b>RunningStatus</b>																																																															
properties	content simple																																																															
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">DelayEventReport</a> <a href="#">LocationModified</a> <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a>																																																															
facets	<table> <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 NEW CODES: Some IMs are transmitting these codes (6 - 9)</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>documentation Not specified for wagon</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Wagon arrival at its destination by train</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Wagon departure from its station of origin by train</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wagon arrival at reporting point by train</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation Wagon departure from reporting point by train</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation Wagon run-through at reporting point by train</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation Wagon parked at reporting point</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation Wagon shunted at reporting point</td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation Wagon arrived at reporting point</td> </tr> <tr> <td>enumeration</td> <td>19</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 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	enumeration	15	documentation Wagon run-through at reporting point by train	enumeration	16	documentation Wagon parked at reporting point	enumeration	17	documentation Wagon shunted at reporting point	enumeration	18	documentation Wagon arrived at reporting point	enumeration	19	documentation
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enumeration	16	documentation Wagon parked at reporting point																																																														
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>&lt;xs:element name="TrainLocationStatus" type="RunningStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the status of a train related to the actual time at a reporting point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element TrainMaxSpeed**

diagram	<b>TrainMaxSpeed</b> The max. possible speed of a train in km/h									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">Speed</a>									
properties	content simple									
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>									
facets	<table> <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>&lt;xs:element name="TrainMaxSpeed" type="Speed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The max. possible speed of a train in km/h&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

**element TrainNotAtInterruptionPoint**

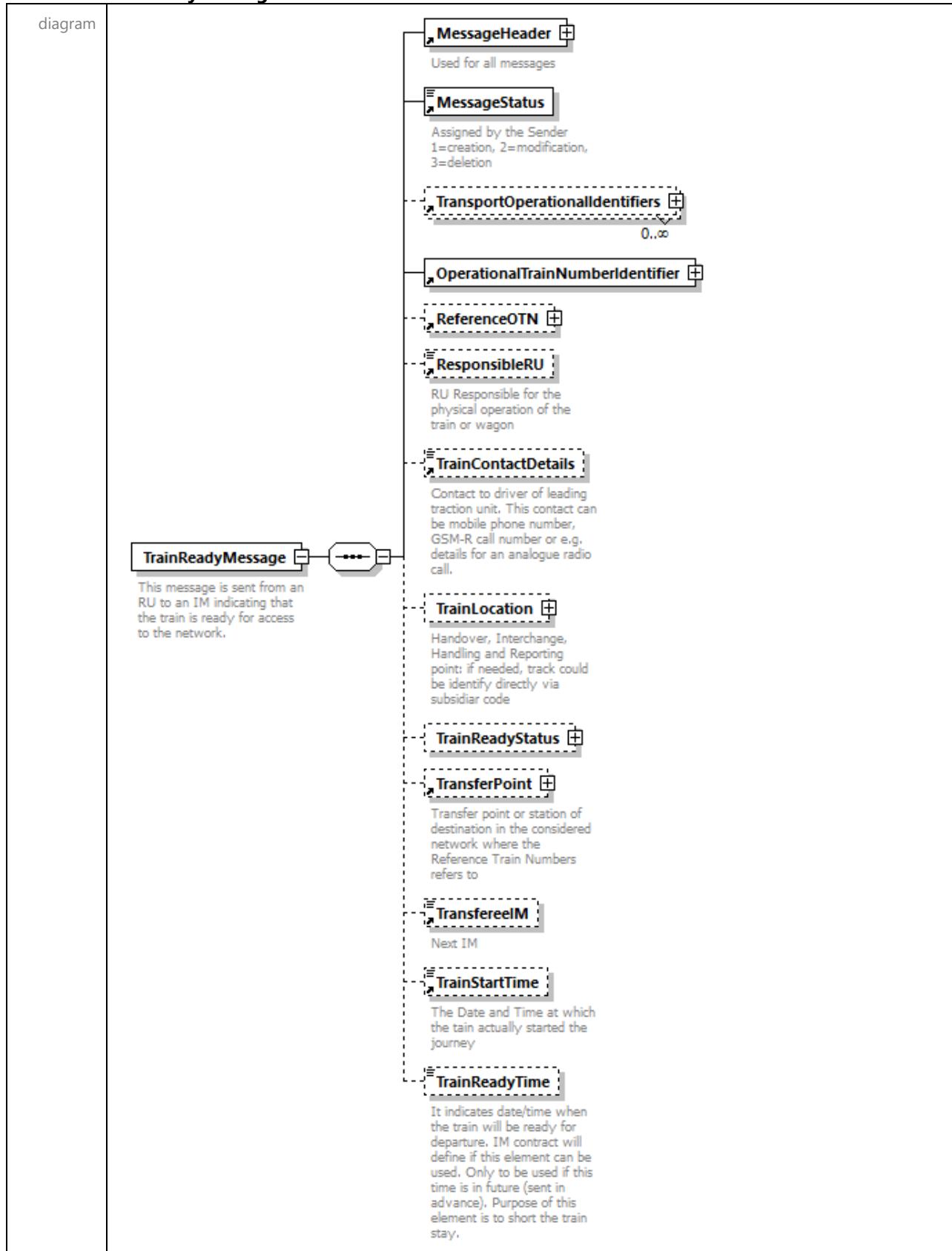
diagram	<b>TrainNotAtInterruptionPoint</b> It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:integer</a>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="TrainNotAtInterruptionPoint"&gt;</pre>									

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;It is already known that train running might be   interrupted in interruption point although the train has not arrived to   interruption point yet&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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### element TrainOperationalIdentification

diagram	<p>according to the new identifier structure, ObjectType has to be used to differ between train and path id</p> <p>according to the new identifier structure, ObjectType has to be used to differ between train and path id</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TransportOperationalIdentifiers</a> <a href="#">RelatedTransportOperationalIdentifiers</a>
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainAtLocation</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
source	<pre> &lt;xs:element name="TrainOperationalIdentification"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TransportOperationalIdentifiers" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;according to the new identifier structure,           ObjectType has to be used to differ between train and path           id&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="RelatedTransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;according to the new identifier structure,           ObjectType has to be used to differ between train and path           id&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

## element **TrainReadyMessage**



namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TransportOperationalIdentifiers</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">TrainContactDetails</a> <a href="#">TrainLocation</a> <a href="#">TrainReadyStatus</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a> <a href="#">TrainStartTime</a> <a href="#">TrainReadyTime</a>
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> &lt;xs:element name="TrainReadyMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is sent from an RU to an IM indicating that the train is ready for access to the network.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;         &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;         &lt;xs:element ref="ResponsibleRU" minOccurs="0"/&gt;         &lt;xs:element ref="TrainContactDetails" minOccurs="0"/&gt;         &lt;xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="TrainReadyStatus" minOccurs="0"&gt;           &lt;xs:complexType&gt;             &lt;xs:sequence&gt;               &lt;xs:element name="TrainReady"&gt;                 &lt;xs:annotation&gt;                   &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:simpleType&gt;                   &lt;xs:restriction base="xs:integer"&gt;                     &lt;xs:enumeration value="0"/&gt;                     &lt;xs:enumeration value="1"/&gt;                   &lt;/xs:restriction&gt;                 &lt;/xs:simpleType&gt;               &lt;/xs:element&gt;               &lt;xs:element ref="TrainDelay" minOccurs="0"/&gt;               &lt;xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                   &lt;xs:documentation&gt;Description of the reason why the train is not ready.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;               &lt;/xs:element&gt;               &lt;xs:element ref="DelayCause" minOccurs="0"/&gt;             &lt;/xs:sequence&gt;           &lt;/xs:complexType&gt;         &lt;/xs:element&gt;         &lt;xs:element ref="TransferPoint" minOccurs="0"&gt;       </pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Transfer point or station of destination in the considered network where the Reference Train Numbers refers to &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt; &lt;xs:element ref="TrainStartTime" minOccurs="0"/&gt; &lt;xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TrainReadyMessage/TrainLocation**

diagram	<p>The diagram illustrates the structure of the <b>TrainLocation</b> element. It is associated with a <b>LocationIdent</b> object, which contains <b>CountryCodeISO</b>, <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b>, and <b>LocationSubsidiaryIdentification</b>. The <b>TrainLocation</b> element is described as representing Handover, Interchange, Handling and Reporting point; if needed, track could be identify directly via subsidiary code.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#"><b>LocationIdent</b></a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#"><b>CountryCodeISO</b></a> <a href="#"><b>LocationPrimaryCode</b></a> <a href="#"><b>PrimaryLocationName</b></a> <a href="#"><b>LocationSubsidiaryIdentification</b></a>
annotation	documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiary code
source	<pre> &lt;xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiary code   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

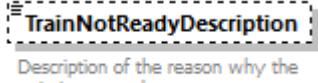
## element TrainReadyMessage/TrainReadyStatus

diagram	<pre> classDiagram     class TrainReady {         0=Not Ready 1=Ready     }     class TrainDelay {         &lt;&lt;Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time&gt;&gt;     }     class TrainNotReadyDescription {         &lt;&lt;Description of the reason why the train is not ready.&gt;&gt;     }     class DelayCause {         &lt;&lt;This element identifies the reason for a delay (modified DelayReason)&gt;&gt;     }      TrainReadyStatus --&gt; TrainReady     TrainReadyStatus --&gt; TrainDelay     TrainReadyStatus --&gt; TrainNotReadyDescription     TrainReadyStatus --&gt; DelayCause   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">TrainReady</a> <a href="#">TrainDelay</a> <a href="#">TrainNotReadyDescription</a> <a href="#">DelayCause</a>
source	<pre> &lt;xs:element name="TrainReadyStatus" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TrainReady"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:enumeration value="0"/&gt;             &lt;xs:enumeration value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="TrainDelay" minOccurs="0"/&gt;       &lt;xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Description of the reason why the train is not ready.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DelayCause" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

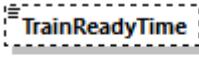
element **TrainReadyMessage/TrainReadyStatus/TrainReady**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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>&lt;xs:element name="TrainReady"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

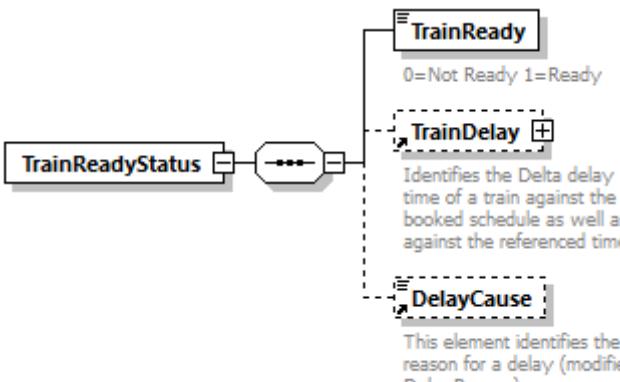
element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<b>FreeText</b>									
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <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>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>&lt;xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of the reason why the train is not ready.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **TrainReadyMessage/TrainReadyTime**

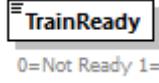
diagram	 It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
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>&lt;xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainReadyStatus**

diagram	 0=Not Ready 1=Ready  Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time  This element identifies the reason for a delay (modified DelayReason)
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TrainReady</a> <a href="#">TrainDelay</a> <a href="#">DelayCause</a>
source	<pre>&lt;xs:element name="TrainReadyStatus"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TrainReady"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:enumeration value="0"/&gt;     &lt;xs:enumeration value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="TrainDelay" minOccurs="0"/&gt; &lt;xs:element ref="DelayCause" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **TrainReadyStatus/TrainReady**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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> &lt;xs:element name="TrainReady"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **TrainRunningData**

diagram	<pre> classDiagram     class TrainRunningData {         &lt;&lt;Train relevant data for a running train&gt;&gt;     }     class TrainRunningTechData {         &lt;&lt;Shows the relevant technical data for a running train&gt;&gt;     }     class ExceptionalGaugingInd {         &lt;&lt;Indicates that an exceptional gauging is in the train or for the wagon - (true/false)&gt;&gt;     }     class DangerousGoodsIndicator {         &lt;&lt;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&gt;&gt;     }     class Activities {         &lt;&lt;Activities&gt;&gt;     }     class Notes {         &lt;&lt;Remarks to be transmitted to IM&gt;&gt;     }      TrainRunningData "0..99" --&gt; TrainRunningTechData     TrainRunningData "0..1" --&gt; ExceptionalGaugingInd     TrainRunningData "0..1" --&gt; DangerousGoodsIndicator     TrainRunningData "0..99" --&gt; Activities     Activities "0..infinity" --&gt; Notes   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TrainRunningTechData</a> <a href="#">ExceptionalGaugingInd</a> <a href="#">DangerousGoodsIndicator</a> <a href="#">Activities</a> <a href="#">Notes</a>
used by	element <a href="#">TrainCompositionJourneySection</a>
annotation	documentation Train relevant data for a running train
source	<pre> &lt;xsd:element name="TrainRunningData"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Train relevant data for a running train&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="TrainRunningTechData"/&gt;       &lt;xsd:element ref="ExceptionalGaugingInd" minOccurs="0"/&gt;       &lt;xsd:element ref="DangerousGoodsIndicator" minOccurs="0"/&gt;       &lt;xsd:element name="Activities" minOccurs="0" maxOccurs="99"&gt;         &lt;xsd:complexType&gt;           &lt;xsd:sequence&gt;             &lt;xsd:element ref="TrainActivity"/&gt;             &lt;xsd:element name="ActivityLocationIdent" type="LocationIdent"/&gt;           &lt;/xsd:sequence&gt;         &lt;/xsd:complexType&gt;       &lt;/xsd:element&gt;       &lt;xsd:element ref="Notes" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **TrainRunningData/Activities**

diagram	<p>The diagram shows a class named 'Activities' with multiplicity '0..99'. It has two associations: one to 'TrainActivity' and another to 'ActivityLocationIdent'. A note states: '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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 99 content complex
children	<a href="#">TrainActivity</a> <a href="#">ActivityLocationIdent</a>
source	<pre>&lt;xs:element name="Activities" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainActivity"/&gt;       &lt;xs:element name="ActivityLocationIdent" type="LocationIdent"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TrainRunningData/Activities/ActivityLocationIdent**

diagram	<p>The diagram shows a class named 'ActivityLocationIdent' connected to a class named 'LocationIdent'. The 'LocationIdent' class contains four elements: 'CountryCodeISO' (with note: 'Identifies a County or State by code (ISO 3166-1)'), 'LocationPrimaryCode' (with note: 'Location Name in an official language of the Country using the ISO Unicode alphabet'), 'PrimaryLocationName' (with note: 'Location Name in an official language of the Country using the ISO Unicode alphabet'), and 'LocationSubsidiaryIdentification' (with note: 'Code, Name and allocation company of Subsidiary Location').</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
source	<pre>&lt;xs:element name="ActivityLocationIdent" type="LocationIdent"/&gt;</pre>

element **TrainRunningForecastMessage**

diagram	<pre> classDiagram     class TrainRunningForecastMessage {         &lt;&lt;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&gt;&gt;     }     class MessageHeader     class MessageStatus     class TrainOperationalIdentification     class OperationalTrainNumberIdentifier     class ReferenceOTN     class ResponsibleRU     class TrainLocationReport {         &lt;&lt;Specifies the relevant running data of a train related to a specific location&gt;&gt;         &lt;&lt;1..&gt;&gt;     }     class TransferPoint     class TransfereeIM      TrainRunningForecastMessage &lt; -- MessageHeader     TrainRunningForecastMessage &lt; -- MessageStatus     TrainRunningForecastMessage --&gt;  TrainOperationalIdentification     TrainRunningForecastMessage --&gt;  OperationalTrainNumberIdentifier     TrainRunningForecastMessage --&gt;  ReferenceOTN     TrainRunningForecastMessage --&gt;  ResponsibleRU     TrainRunningForecastMessage --&gt;  TrainLocationReport     TrainRunningForecastMessage --&gt;  TransferPoint     TrainRunningForecastMessage --&gt;  TransfereeIM   </pre> <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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">TrainLocationReport</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a>
annotation	<p>documentation</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>
source	<pre> &lt;x:element name="TrainRunningForecastMessage"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;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&lt;/x:documentation&gt;   &lt;/x:annotation&gt; </pre>

	<pre> each other reporting point predefined by contract&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xss:complexType&gt;   &lt;xss:sequence&gt;     &lt;xss:element ref="MessageHeader"/&gt;     &lt;xss:element ref="MessageStatus"/&gt;     &lt;xss:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;     &lt;xss:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;xss:element ref="ReferenceOTN" minOccurs="0"/&gt;     &lt;xss:element ref="ResponsibleRU" minOccurs="0"/&gt;     &lt;xss:element ref="TrainLocationReport" maxOccurs="unbounded"/&gt;     &lt;xss:element ref="TransferPoint" minOccurs="0"/&gt;     &lt;xss:element ref="TransfereeIM" minOccurs="0"/&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **TrainRunningInformationMessage**

diagram	<pre> graph LR     TrainRunningInformationMessage[TrainRunningInformationMessage] --- MessageHeader[MessageHeader]     TrainRunningInformationMessage --- MessageStatus[MessageStatus]     TrainRunningInformationMessage --- TrainOperationalIdentification[TrainOperationalIdentification]     TrainRunningInformationMessage --- OperationalTrainNumberIdentifier[OperationalTrainNumberIdentifier]     TrainRunningInformationMessage --- ReferenceOTN[ReferenceOTN]     TrainRunningInformationMessage --- ResponsibleRU[ResponsibleRU]     TrainRunningInformationMessage --- TrainLocationReport[TrainLocationReport]     TrainRunningInformationMessage --- TransferPoint[TransferPoint]     TrainRunningInformationMessage --- TransfereeIM[TransfereeIM] </pre> <p>The diagram illustrates the structure of the TrainRunningInformationMessage. It consists of a central box labeled "TrainRunningInformationMessage" connected to several other boxes via lines. The boxes are:</p> <ul style="list-style-type: none"> <li><b>MessageHeader</b>: Used for all messages.</li> <li><b>MessageStatus</b>: Assigned by the Sender. Values: 1=Creation, 2=Modification, 3=deletion.</li> <li><b>TrainOperationalIdentification</b>: A dashed-line box.</li> <li><b>OperationalTrainNumberIdentifier</b>: A solid-line box.</li> <li><b>ReferenceOTN</b>: A dashed-line box.</li> <li><b>ResponsibleRU</b>: A solid-line box. Description: RU Responsible for the physical operation of the train or wagon.</li> <li><b>TrainLocationReport</b>: A solid-line box. Description: Specifies the relevant running data of a train related to a specific location.</li> <li><b>TransferPoint</b>: A dashed-line box. Description: Transfer point or station of destination in the considered network.</li> <li><b>TransfereeIM</b>: A dashed-line box. Description: Next IM.</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">TrainLocationReport</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a>

annotation	documentation 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.
source	<pre> &lt;xs:element name="TrainRunningInformationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Assigned by the Sender 1=Creation, 2=Modification, 3=deletion &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;       &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;       &lt;xs:element ref="ResponsibleRU" minOccurs="0"/&gt;       &lt;xs:element ref="TrainLocationReport"/&gt;       &lt;xs:element ref="TransferPoint" minOccurs="0"/&gt;       &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TrainRunningInterruptionMessage**

diagram	<pre> classDiagram     class TrainRunningInterruptionMessage {         &lt;&lt;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.&gt;&gt;     }     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class MessageStatus {         &lt;&lt;Assigned by the Sender 1=creation, 2=modification, 3=deletion&gt;&gt;     }     class TrainOperationalIdentification {         &lt;&lt;ReferenceOTN&gt;&gt;     }     class OperationalTrainNumberIdentifier {         &lt;&lt;ResponsibleRU&gt;&gt;     }     class ReferenceOTN {         &lt;&lt;ResponsibleRU&gt;&gt;     }     class ResponsibleRU {         &lt;&lt;RU Responsible for the physical operation of the train or wagon&gt;&gt;     }     class InterruptionPoint {         &lt;&lt;describes the interruption points with location and the reason for the interruption&gt;&gt;     }     class TrainRunningInterruptionStatus {         &lt;&lt;TransferPoint&gt;&gt;     }     class TransferPoint {         &lt;&lt;TransfereeIM&gt;&gt;     }     class TransfereeIM {         &lt;&lt;Next IM&gt;&gt;     }      TrainRunningInterruptionMessage &lt; --&gt; MessageHeader     TrainRunningInterruptionMessage &lt; --&gt; MessageStatus     TrainRunningInterruptionMessage &lt; --&gt; TrainOperationalIdentification     TrainRunningInterruptionMessage &lt; --&gt; OperationalTrainNumberIdentifier     TrainRunningInterruptionMessage &lt; --&gt; ReferenceOTN     TrainRunningInterruptionMessage &lt; --&gt; ResponsibleRU     TrainRunningInterruptionMessage &lt; --&gt; InterruptionPoint     TrainRunningInterruptionMessage &lt; --&gt; TrainRunningInterruptionStatus     TrainRunningInterruptionMessage &lt; --&gt; TransferPoint     TrainRunningInterruptionMessage &lt; --&gt; TransfereeIM   </pre> <p>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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">InterruptionPoint</a> <a href="#">TrainRunningInterruptionStatus</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a>
annotation	<p>documentation</p> <p>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>
source	<pre> &lt;xss:element name="TrainRunningInterruptionMessage"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;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. &lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="MessageHeader"/&gt;       &lt;xss:element ref="MessageStatus"/&gt;       &lt;xss:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;       &lt;xss:element ref="OperationalTrainNumberIdentifier"/&gt;       &lt;xss:element ref="ReferenceOTN" minOccurs="0"/&gt;       &lt;xss:element ref="ResponsibleRU" minOccurs="0"/&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

```
<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>
```

element **TrainRunningTechData**

diagram	<pre> classDiagram     class TrainRunningTechData {         TrainType         TrainWeight         TrainLength         TrainCC_System         TrainRadioSystem         TrainMaxSpeed         MaxAxleWeight         BrakeType         BrakingRatio         BrakeWeight         NumberOfVehicles         NumberOfAxes     }     TrainRunningTechData "0..9" --&gt; TrainType     TrainRunningTechData "0..9" --&gt; TrainWeight     TrainRunningTechData "0..9" --&gt; TrainLength     TrainRunningTechData "0..9" --&gt; TrainCC_System     TrainRunningTechData "0..9" --&gt; TrainRadioSystem     TrainRunningTechData "0..9" --&gt; TrainMaxSpeed     TrainRunningTechData "0..9" --&gt; MaxAxleWeight     TrainRunningTechData "0..9" --&gt; BrakeType     TrainRunningTechData "0..9" --&gt; BrakingRatio     TrainRunningTechData "0..9" --&gt; BrakeWeight     TrainRunningTechData "0..9" --&gt; NumberOfVehicles     TrainRunningTechData "0..9" --&gt; NumberOfAxes   </pre> <p>Shows the relevant technical data for a running train</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<b>TrainType</b> <a href="#">TrainWeight</a> <a href="#">TrainLength</a> <a href="#">TrainCC System</a> <a href="#">TrainRadioSystem</a> <a href="#">TrainMaxSpeed</a> <a href="#">MaxAxleWeight</a> <b>BrakeType</b> <a href="#">BrakingRatio</a> <a href="#">BrakeWeight</a> <a href="#">NumberOfVehicles</a> <a href="#">NumberOfAxles</a>
used by	element <a href="#">TrainRunningData</a>
annotation	documentation Shows the relevant technical data for a running train
source	<pre>&lt;xs:element name="TrainRunningTechData"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Shows the relevant technical data for a running train&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="TrainType"/&gt;       &lt;xss:element ref="TrainWeight"/&gt;       &lt;xss:element ref="TrainLength"/&gt;       &lt;xss:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/&gt;       &lt;xss:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/&gt;       &lt;xss:element ref="TrainMaxSpeed" minOccurs="0"/&gt;       &lt;xss:element ref="MaxAxleWeight" minOccurs="0"/&gt;       &lt;xss:element ref="BrakeType" minOccurs="0"/&gt;       &lt;xss:element ref="BrakingRatio" minOccurs="0"/&gt;       &lt;xss:element ref="BrakeWeight" minOccurs="0"/&gt;       &lt;xss:element ref="NumberOfVehicles" minOccurs="0"/&gt;       &lt;xss:element ref="NumberOfAxles" minOccurs="0"/&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xs:element&gt;</pre>

element **TrainStartTime**

diagram	 <p>The Date and Time at which the train actually started the journey</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">TrainReadyMessage</a>
annotation	documentation The Date and Time at which the train actually started the journey
source	<pre>&lt;xs:element name="TrainStartTime" type="xs:dateTime"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;The Date and Time at which the train actually started the journey&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainWeight**

diagram	 <b>TrainWeight</b>  The sum of all weights of wagons and traction units
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">WeightValueTonne</a>
properties	content simple
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation The sum of all weights of wagons and traction units
source	<pre>&lt;xs:element name="TrainWeight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The sum of all weights of wagons and traction units&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="WeightValueTonne"&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **TransfereeIM**

diagram	 <b>TransfereeIM</b>  Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">CompanyCode</a>
properties	content simple
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Next IM
source	<pre>&lt;xs:element name="TransfereeIM" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Next IM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TransferPoint**

diagram	<pre> classDiagram     class TransferPoint {         &lt;&lt;Transfer point or station of destination in the considered network&gt;&gt;     }     class LocationIdent {         &lt;&lt;Location Ident&gt;&gt;     }     class CountryCodeISO {         &lt;&lt;Identifies a County or State by code (ISO 3166-1)&gt;&gt;     }     class LocationPrimaryCode {         &lt;&lt;Location Primary Code&gt;&gt;     }     class PrimaryLocationName {         &lt;&lt;Location Name in an official language of the Country using the ISO Unicode alphabet&gt;&gt;     }     class LocationSubsidiaryIdentification {         &lt;&lt;Code, Name and allocation company of Subsidiary Location&gt;&gt;     }      TransferPoint "2" -- "1" LocationIdent     LocationIdent "1" -- "1" CountryCodeISO     LocationIdent "1" -- "1" LocationPrimaryCode     LocationIdent "1" -- "1" PrimaryLocationName     LocationIdent "1" -- "1" LocationSubsidiaryIdentification   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
annotation	documentation Transfer point or station of destination in the considered network
source	<pre> &lt;xsd:element name="TransferPoint" type="LocationIdent"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Transfer point or station of destination in the considered network&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;   </pre>

element **TransportInstruction**

diagram	<pre> classDiagram     class TransportInstruction {         &lt;&lt;Special instructions regarding the transportation of the wagon or shipment in free text&gt;&gt;     }     class FreeText {         &lt;&lt;FreeText&gt;&gt;     }      TransportInstruction "1" -- "1" FreeText   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">FreeText</a>
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Special instructions regarding the transportation of the wagon or shipment in free text

source	<pre>&lt;xs:element name="TransportInstruction" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special instructions regarding the transportation of the wagon or shipment in free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--------	---

element **TransportOperationalIdentifiers**

diagram	<pre> classDiagram     class TransportOperationalIdentifiers     class CompositIdentifierOperationalType {         &lt;&lt;extension&gt;&gt;     }     class ObjectType     class Company     class Core     class Variant     class TimetableYear     class StartDate      TransportOperationalIdentifiers --&gt; CompositIdentifierOperationalType     TransportOperationalIdentifiers --&gt; ObjectType     TransportOperationalIdentifiers --&gt; Company     TransportOperationalIdentifiers --&gt; Core     TransportOperationalIdentifiers --&gt; Variant     TransportOperationalIdentifiers --&gt; TimetableYear     TransportOperationalIdentifiers --&gt; StartDate   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	extension of <a href="#">CompositIdentifierOperationalType</a>
properties	content complex
children	<a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a>
used by	elements <a href="#">ErrorMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainOperationalIdentification</a> <a href="#">TrainReadyMessage</a>
source	<pre>&lt;xs:element name="TransportOperationalIdentifiers"&gt;   &lt;xs:complexType&gt;</pre>

	<pre> &lt;xs:complexType&gt;   &lt;xs:extension base="CompositeIdentifierOperationalType"/&gt; &lt;/xs:complexType&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **TypeOfIMHarmonization**

diagram	 <p>Enumeration of Type of IM harmonization: Full, Part</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<b>TypeOfIMHarmonizationCode</b>									
properties	content simple									
used by	elements <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a>									
facets	<table> <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> &lt;xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Enumeration of Type of IM harmonization: Full, Part   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **TypeOfInformation**

diagram	 <p>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</p>															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	<b>TypeOfInformationCode</b>															
properties	content simple															
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a>															
facets	<table> <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	observation - in process documentation
	enumeration 12	observation - complete documentation
	enumeration 13	preparation of final offer - in process documentation
	enumeration 14	preparation of final offer - accepted documentation
	enumeration 15	preparation of final offer - rejected documentation
	enumeration 16	final offer documentation
	enumeration 17	final offer - accepted documentation
	enumeration 18	alternative offer accepted documentation
	enumeration 19	pre-accepted offer documentation
	enumeration 20	Final Offer rejected documentation
	enumeration 21	no alternative available documentation
	enumeration 22	booked documentation
	enumeration 23	preparation of draft alternative offer is in progress documentation
	enumeration 24	alternative offer triggered by IM documentation
	enumeration 25	offer/final offer rejected (without revision) documentation
	enumeration 26	alternative offer rejected (without revision) documentation
	enumeration 27	offer/final offer rejected (revision required) documentation
	enumeration 28	alternative offer rejected (revision required) documentation
	enumeration 29	withdrawal documentation
	enumeration 30	Create Dossier documentation
	enumeration 31	Close Dossier documentation
	enumeration 32	Path canceled full documentation
	enumeration 33	Path canceled partial documentation

	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>&lt;xs:element name="TypeOfInformation" type="TypeOfInformationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>	

element **TypeOfRequest**

diagram	<p>TypeOfRequest</p> <p>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</p>																	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																	
type	<b>TypeOfRequestCode</b>																	
properties	content simple																	
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a>																	
facets	<table> <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</td> </tr> </tbody> </table>			Kind	Value	Annotation	minInclusive	1		enumeration	1	documentation Study	enumeration	2	documentation Request	enumeration	3	documentation
Kind	Value	Annotation																
minInclusive	1																	
enumeration	1	documentation Study																
enumeration	2	documentation Request																
enumeration	3	documentation																

	Modification
annotation	<p>documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</p>
source	<pre>&lt;xs:element name="TypeOfRequest" type="TypeOfRequestCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element TypeOfRUHarmonization

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<b>TypeOfRUHarmonizationCode</b>												
properties	content simple												
used by	elements <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a>												
facets	<table> <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	<p>documentation Type of RU harmonization: Full, Part, None.</p>												
source	<pre>&lt;xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of RU harmonization: Full, Part, None.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

### element TypeofService

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">SpecialServiceDescriptionCode</a> <a href="#">FacilityTypeDescriptionCode</a> <a href="#">CharacteristicDescriptionCode</a>

used by	element <a href="#">PlannedTrainData</a>
annotation	documentation Information about the services available on a train. Used for publication towards the passenger
source	<pre>&lt;xs:element name="TypeofService"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information about the services available on a train. Used for publication towards the passenger&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TypeofService/SpecialServiceDescriptionCode**

diagram																			
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																		
type	<b>type7161CodeList</b>																		
properties	minOcc 0 maxOcc unbounded content simple																		
facets	<table> <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 </td> </tr> <tr> <td>enumeration</td> <td>3</td> <td> documentation  Additional loading  documentation  Additional loading of vehicles on a train of accompanied motorcars </td> </tr> <tr> <td>enumeration</td> <td>4</td> <td> documentation  Additional unloading  documentation  Additional unloading of vehicles from a train of accompanied motorcars </td> </tr> <tr> <td>enumeration</td> <td>5</td> <td> documentation  Breakfast  documentation  Breakfast  documentation </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	enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars	enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars	enumeration	5	documentation Breakfast documentation Breakfast documentation
Kind	Value	Annotation																	
maxLength	3																		
enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service																	
enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars																	
enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars																	
enumeration	5	documentation Breakfast documentation Breakfast documentation																	

	enumeration 6	documentation Dinner documentation Dinner documentation 0
	enumeration 7	documentation Loading documentation <b>Loading of vehicles on a train of accompanied motorcars</b> documentation 0
	enumeration 8	documentation Lunch documentation Lunch documentation 0
	enumeration 9	documentation Unloading documentation <b>Unloading of vehicles from a train of accompanied motorcars</b> documentation 0
	enumeration 11	documentation Child documentation <b>Services for children</b> documentation 0
	enumeration 21	documentation Cold buffet documentation <b>Cold buffet service</b> documentation 0
	enumeration 22	documentation Restaurant in 1st class only documentation <b>Restaurant service in 1st class only</b> documentation 0
	enumeration 23	documentation Hot buffet documentation <b>Hot buffet service</b> documentation 0
	enumeration 24	documentation Meal included for 1st class passengers documentation <b>Meal service included for 1st class passengers</b> documentation 0
	enumeration 25	documentation Trolley documentation <b>Trolley service (beverage and food cart)</b> documentation 0
	enumeration 26	documentation Snack documentation

		<p>Snack</p> <p>documentation</p> <p>0</p>
	enumeration 27	<p>Disabled</p> <p>documentation</p> <p>Services for disabled persons</p> <p>documentation</p> <p>0</p>
	enumeration 28	<p>Movies</p> <p>documentation</p> <p>Movies</p> <p>documentation</p> <p>0</p>
	enumeration 29	<p>Business</p> <p>documentation</p> <p>Services for business people</p> <p>documentation</p> <p>0</p>
	enumeration 30	<p>Nursery</p> <p>documentation</p> <p>Nursery service</p> <p>documentation</p> <p>0</p>
	enumeration 31	<p>Buffet</p> <p>documentation</p> <p>Buffet</p> <p>documentation</p> <p>0</p>
	enumeration 32	<p>Special services for military</p> <p>documentation</p> <p>Special services for army families</p> <p>documentation</p> <p>0</p>
	enumeration 33	<p>Boarding possible 2 hours before departure</p> <p>documentation</p> <p>Boarding is possible 2 hours before departure</p> <p>documentation</p> <p>0</p>
	enumeration 34	<p>Alighting possible until 2 hours after arrival</p> <p>documentation</p> <p>Alighting is possible up to 2 hours after arrival</p> <p>documentation</p> <p>0</p>
	enumeration 35	<p>Boarding possible 30 minutes before departure</p> <p>documentation</p> <p>Boarding is possible 30 minutes before departure</p> <p>documentation</p> <p>0</p>
	enumeration 36	<p>Alighting possible until 30 minutes after arrival</p> <p>documentation</p> <p>Alighting is possible up to 30 minutes after arrival</p> <p>documentation</p> <p>0</p>

	enumeration 37	documentation <b>Postal services</b> documentation <b>Postal services available</b> documentation 0
	enumeration 38	documentation <b>Meal at the seat</b> documentation <b>Meal is provided at the seat</b> documentation 0
	enumeration 39	documentation <b>Self service</b> documentation <b>Self service meals</b> documentation 0
	enumeration 40	documentation <b>Overnight stay</b> documentation <b>Overnight stay possible on board</b> documentation 0
	enumeration 41	documentation <b>Luggage transport</b> documentation <b>Luggage transport offered</b> documentation 0
	enumeration 42	documentation <b>Luggage transport excluded</b> documentation <b>Luggage transport is not offered</b> documentation 0
	enumeration 43	documentation <b>Music</b> documentation <b>Music</b> documentation 0
	enumeration 44	documentation <b>Check-in</b> documentation <b>Time at which the traveller checks in</b> documentation 0
	enumeration 45	documentation <b>Check-out</b> documentation <b>Time at which the traveller checks out</b> documentation 0
	enumeration 46	documentation <b>Free WiFi on board</b> documentation <b>Free WiFi service on board available</b> documentation 0
	enumeration 47	documentation <b>WiFi on board</b> documentation

	enumeration 48	WiFi service on board available documentation 0 documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0
source	<code>&lt;xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;</code>	

element **TypeofService/FacilityTypeDescriptionCode**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>type9039CodeList</b>
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 <b>Second-class couchettes</b> documentation 0 enumeration 8 documentation <b>Sleeperette</b> documentation <b>Sleeperette or reclining seat</b> documentation 0 enumeration 9 documentation <b>Restaurant</b> documentation <b>Restaurant facility</b> documentation 0 enumeration 11 documentation <b>First-class sleeper, single</b> documentation <b>First-class sleeper, single</b> documentation 0 enumeration 12 documentation <b>First-class sleeper, special</b> documentation <b>First-class sleeper, special</b> documentation 0 enumeration 13 documentation <b>First-class sleeper, double</b> documentation <b>First-class sleeper, double</b> documentation 0 enumeration 14 documentation <b>Vehicle transport</b> documentation <b>Facilities for vehicle transport etc. Not bicycles.</b> documentation <b>Cars, boats, trailers, motorbikes,</b> documentation 0 enumeration 15 documentation <b>Second-class, sleeper, T2</b> documentation <b>Second-class sleeper, T2 (two-bed compartment)</b> documentation 0 enumeration 16 documentation <b>Second-class sleeper, T3</b> documentation <b>Second-class sleeper, T3 (three-bed compartment)</b> documentation 0 enumeration 17 documentation <b>Second-class sleeper T4</b> documentation <b>Second-class sleeper, T4 (four-bed compartment)</b> documentation 0 enumeration 18 documentation <b>First-class sleeper, single, shower</b> documentation
--	--	---

		First-class sleeper, single with shower documentation 0
	enumeration 19	First-class sleeper, double, shower documentation First-class sleeper, double with shower documentation 0
	enumeration 20	documentation <b>Non-smoker service</b> documentation <b>The travel service is non-smoking</b> documentation 0
	enumeration 21	documentation <b>Heavily disabled</b> documentation <b>Facilities for heavily disabled persons available</b> documentation 0
	enumeration 24	documentation <b>Baby room</b> documentation <b>Baby care facilities available</b> documentation 0
	enumeration 26	documentation <b>Bicycle transport</b> documentation <b>Facility for bicycle transport available</b> documentation 0
	enumeration 28	documentation <b>Wheelchair access</b> documentation <b>Access for wheelchairs possible</b> documentation 0
	enumeration 33	documentation <b>Video coach</b> documentation <b>Video coach available</b> documentation 0
	enumeration 34	documentation <b>Mini-bar</b> documentation <b>Mini-bar available</b> documentation 0
	enumeration 36	documentation <b>Panorama coach</b> documentation <b>Panorama coach available</b> documentation 0
	enumeration 44	documentation <b>Telephone</b> documentation <b>Telephone service is available</b> documentation 0

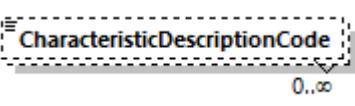
	enumeration 45	documentation <b>Power supply</b> documentation Service provides power supply sockets documentation 0
	enumeration 46	documentation <b>Pullmann coach</b> documentation <b>Pullman car seats</b> documentation 0
	enumeration 47	documentation <b>Bar</b> documentation <b>A bar is available</b> documentation 0
	enumeration 48	documentation <b>Family compartment</b> documentation <b>Family compartment(s) available</b> documentation 0
	enumeration 50	documentation <b>Buffet machine</b> documentation <b>Buffet machine available</b> documentation 0
	enumeration 54	documentation <b>Premium class</b> documentation A class with comfort level higher than first class Business, etc documentation Includes Comfort, Club, Pullman, documentation 0
	enumeration 55	documentation <b>Preferente</b> documentation Spanish first class on long distance trains documentation RENFE documentation 0
	enumeration 56	documentation <b>Turista</b> documentation Spanish second class on long distance trains documentation RENFE documentation 0
	enumeration 57	documentation <b>First-class sleeper, single, shower, WC</b> documentation <b>First-class sleeper, single with shower and WC</b> documentation RENFE documentation 0
	enumeration 58	documentation

		First-class sleeper, double shower, WC documentation First-class sleeper, double with shower and WC documentation RENFE documentation 0 documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation
	enumeration 59	0 documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation
	enumeration 60	0 documentation Second class sleeper double documentation Second class sleeper for two documentation 0 documentation
	enumeration 61	0 documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation
	enumeration 62	0 documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation
	enumeration 63	0 documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation
	enumeration 64	0 documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation
	enumeration 65	0 documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation
	enumeration 66	0 documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation
	enumeration 67	0 documentation Business class documentation First class documentation Trenitalia

	enumeration 68	documentation 0 documentation <b>Premium class</b> documentation <b>A second class with comfort level higher than normal second class</b> documentation <b>Trenitalia</b> documentation 0
	enumeration 69	documentation Standard class documentation <b>Trenitalia's normal second class</b> documentation <b>Trenitalia</b> documentation 0
	enumeration 70	documentation Unified class documentation <b>For services with no class differentiation. A service with only one class</b> documentation UIC documentation 0
	enumeration 71	documentation Medical-grade masks documentation <b>Medical-grade masks must be worn</b> documentation 0
	enumeration 72	documentation <b>Mask obligation according to legal regulation</b> documentation <b>Mask obligation according to legal regulation</b> documentation 0
	enumeration 101	documentation Metro connection documentation <b>Metro, subway, underground connection</b> documentation Only used in TSDUPD documentation 0
	enumeration 102	documentation Taxi connection documentation <b>Taxi connection</b> documentation Only used in TSDUPD documentation 0
	enumeration 103	documentation Bus connection documentation <b>Bus connections available</b> documentation Used only in TSDUPD documentation 0
	enumeration 104	documentation

		Tram connection documentation Tram connections available documentation Used only in TSDUPD documentation 0 documentation 2nd Class couchette five beds C5 documentation 2nd Class couchette five beds C5 documentation DB Nachtzug documentation 0 documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation 0 documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet together with dedicated space for wheelchair documentation 0
source		<code>&lt;xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;</code>

element **TypeofService/CharacteristicDescriptionCode**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>type7037CodeList</b>
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation maxLength 17 enumeration 6 documentation First class documentation First class accommodation documentation 0 enumeration 7 documentation Second class documentation Second class accommodation documentation 0

	enumeration 11	documentation <b>Reservation possible</b> documentation <b>Reservation is possible</b> documentation 0
	enumeration 12	documentation <b>With supplement</b> documentation <b>A supplement is charged</b> documentation 0
	enumeration 13	documentation <b>Reservation compulsory</b> documentation <b>Reservation is compulsory</b> documentation 0
	enumeration 14	documentation <b>Reservation advised</b> documentation <b>Reservation is recommended</b> documentation 0
	enumeration 15	documentation <b>Reservation compulsory for parties</b> documentation <b>Reservation is compulsory for parties</b> documentation 0
	enumeration 16	documentation <b>Reservation compulsory in first-class</b> documentation <b>Reservation is compulsory in first-class</b> documentation 0
	enumeration 17	documentation <b>Group booking restricted</b> documentation <b>Booking by groups restricted</b> documentation 0
	enumeration 18	documentation <b>Groups not allowed</b> documentation <b>Groups of travellers are not allowed</b> documentation 0
	enumeration 19	documentation <b>No reservation</b> documentation <b>Reservation is not possible</b> documentation 0
	enumeration 20	documentation <b>Reservation in first class only</b> documentation <b>Reservation is only possible in first</b> documentation 0
	enumeration 21	documentation <b>Reservation compulsory from origin station</b> documentation

		Reservation compulsory from origin station documentation 0 documentation Reservation allowed for certain classes/products documentation Reservation possible for some booking classes/products documentation 0 documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0 documentation Not available documentation The product is not available documentation 0 documentation Non-bookable documentation The product is not bookable documentation 0 documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0 documentation Bookable through a national reservation system documentation Bookable through a national reservation system documentation 0 documentation Bookable manually on the RU selling point documentation Bookable manually on the RU selling point documentation 0
source		<code>&lt;xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;</code>

element **UltimateDestinationCountry**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">CountryIdentISO</a>
properties	content simple
used by	elements <a href="#">ILU Details</a> <a href="#">ITU Details</a>

facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country of Ultimate Destination
source	<xs:element name="UltimateDestinationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Country of Ultimate Destination</xs:documentation> </xs:annotation> </xs:element>

## element UN\_Number

diagram	
	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".
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
used by	element <a href="#">SummaryOfGoodsWithSameRID</a>
facets	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 &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
source	<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>

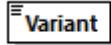
element **ValidityPeriod**

diagram	<p>The start of the date/time in effect The end date/time in effect</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">StartDateTime</a> <a href="#">EndDateTime</a>
used by	elements <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a> <a href="#">PlannedCalendar</a> <a href="#">ReferenceTrainID</a> <a href="#">SubCalendar</a> <a href="#">RequestedCalendar</a>
source	<pre>&lt;xs:element name="ValidityPeriod"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="StartDateTime"/&gt;       &lt;xs:element ref="EndDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

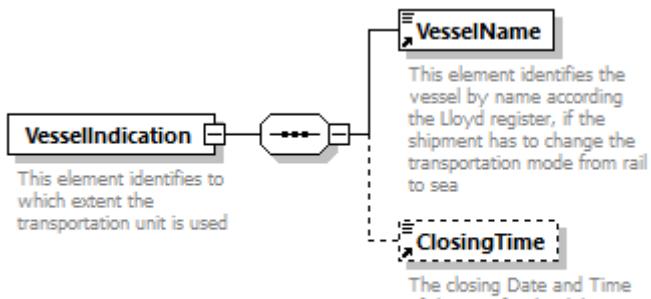
element **Value**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:decimal</b>												
properties	content simple												
used by	elements <a href="#">Height</a> <a href="#">Length</a> <a href="#">Width</a>												
facets	<table> <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>&lt;xs:element name="Value"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:fractionDigits value="1"/&gt;       &lt;xs:maxInclusive value="9999999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

element **Variant**

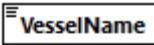
diagram													
	The variant shows a relationship between two identifiers referring to the same business case												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:string</b>												
properties	content simple												
used by	complexTypes <a href="#"><b>CompositIdentifierOperationalType</b></a> <a href="#"><b>CompositIdentifierPlannedType</b></a>												
facets	<table> <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	<p>documentation</p> <p>The variant shows a relationship between two identifiers referring to the same business case</p>												
source	<pre>&lt;xs:element name="Variant"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The variant shows a relationship between two identifiers referring to the same business case&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:pattern value="[0-9A-Z]{2}" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

element **VesselIndication**

diagram	 <p>This element identifies to which extent the transportation unit is used</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#"><b>VesselName</b></a> <a href="#"><b>ClosingTime</b></a>
used by	elements <a href="#"><b>WIMO Dataset/EventLevelData Ship</b></a>
annotation	<p>documentation</p> <p>This element identifies to which extent the transportation unit is used</p>

source	<pre>&lt;xs:element name="VesselIndication"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies to which extent the transportation unit is used&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="VesselName"/&gt;       &lt;xs:element ref="ClosingTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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**element VesselName**

diagram	 <p>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">Name</a>
properties	content simple
used by	element <a href="#">VesselIndication</a>
facets	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>&lt;xs:element name="VesselName" type="Name"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element Volume**

diagram	 <p>Identifies the volume of a shipment, expressed in cubic metres</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">VolumeValue</a>
properties	content simple
annotation	documentation Identifies the volume of a shipment, expressed in cubic metres

source	<pre>&lt;xs:element name="Volume" type="VolumeValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the volume of a shipment, expressed in cubic metres&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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element **WagonArrivalNoticeMessage**

diagram	<pre> classDiagram     class WagonArrivalNoticeMessage {         &lt;&lt;This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.&gt;&gt;     }     class MessageHeader     class WagonInformation     class ArrivalAtDestination      WagonArrivalNoticeMessage "1" -- "3" MessageHeader     WagonArrivalNoticeMessage "1" -- "3" WagonInformation     WagonArrivalNoticeMessage "1" -- "3" ArrivalAtDestination   </pre> <p>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</p> <p><b>MessageHeader</b> Used for all messages</p> <p><b>WagonInformation</b> 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</p> <p><b>ArrivalAtDestination</b> 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</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">ArrivalAtDestination</a>
annotation	<p>documentation</p> <p>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</p>
source	<pre>&lt;xs:element name="WagonArrivalNoticeMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="ArrivalAtDestination"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

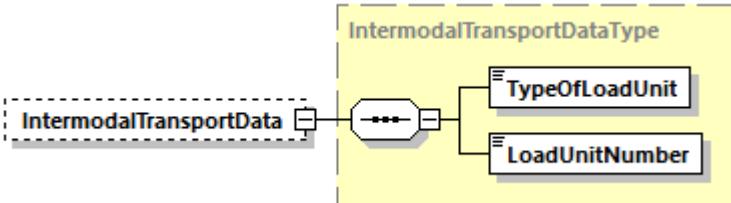
element **WagonAtDeparture**

diagram	<pre> classDiagram     class WagonAtDeparture {         &lt;&lt;Departure point of a wagon with location and departure time&gt;&gt;     }     class Location {         &lt;&lt;Identifies a Location using a LocationIdent&gt;&gt;     }     class DepartureTimeAtLocation {         &lt;&lt;the scheduled departure date and time at a defined location&gt;&gt;     }     WagonAtDeparture "2" -- "*" Location :      WagonAtDeparture "2" -- "*" DepartureTimeAtLocation :   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a>
used by	element <a href="#">WagonDepartureNoticeMessage</a>
annotation	<p>documentation</p> <p>Departure point of a wagon with location and departure time</p>
source	<pre> &lt;xss:element name="WagonAtDeparture"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Departure point of a wagon with location and departure time&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:sequence&gt;       &lt;xss:element ref="Location"/&gt;       &lt;xss:element ref="DepartureTimeAtLocation"/&gt;     &lt;/xss:sequence&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;   </pre>

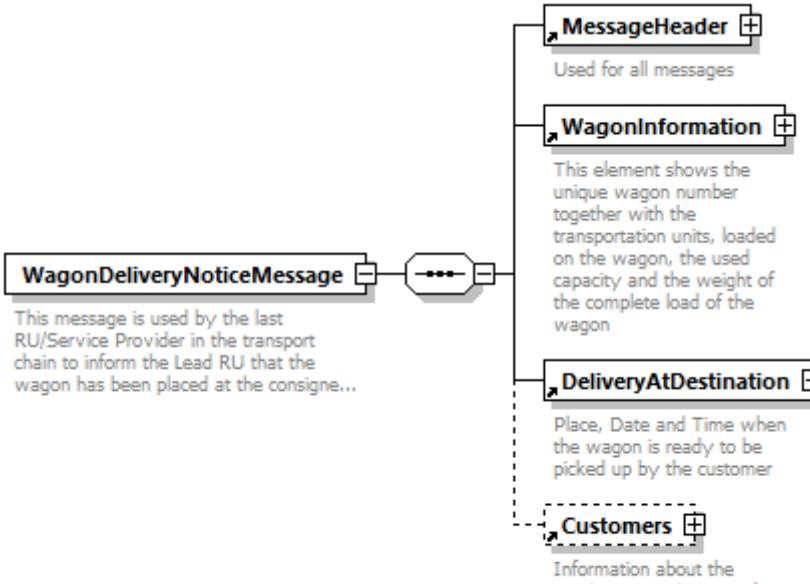
element **WagonData**

diagram	<pre> classDiagram     class WagonData {         &lt;&lt;Wagon relevant data for the wagons within a running train&gt;&gt;     }     class WagonNumberFreight {         &lt;&lt;Identifies uniquely the freight wagon by its number&gt;&gt;     }     class WagonTrainPosition {         &lt;&lt;Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.&gt;&gt;     }     class WagonOperationalData {         &lt;&lt;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.&gt;&gt;     }     class WagonTechData {         &lt;&lt;This element shows the wagon relevant technical data for the wagons within a running train&gt;&gt;     }     class IntermodalTransportData {         &lt;&lt;Intermodal transport data for the wagons within a running train&gt;&gt;     }      WagonData "1" -- "4" WagonNumberFreight     WagonData "1" -- "4" WagonTrainPosition     WagonData "1" -- "2" WagonOperationalData     WagonData "1" -- "2" WagonTechData     WagonOperationalData "1" -- "1" IntermodalTransportData     WagonTechData "1" -- "1" IntermodalTransportData   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">WagonTrainPosition</a> <a href="#">WagonOperationalData</a> <a href="#">WagonTechData</a> <a href="#">IntermodalTransportData</a>
used by	element <a href="#">TrainCompositionJourneySection</a>
annotation	documentation Wagon relevant data for the wagons within a running train
source	<pre> &lt;xsd:element name="WagonData"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Wagon relevant data for the wagons within a running train&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="WagonNumberFreight"/&gt;       &lt;xsd:element ref="WagonTrainPosition"/&gt;       &lt;xsd:element ref="WagonOperationalData"/&gt;       &lt;xsd:element ref="WagonTechData"/&gt;       &lt;xsd:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0"/&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

element **WagonData/IntermodalTransportData**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">IntermodalTransportDataType</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">TypeOfLoadUnit</a> <a href="#">LoadUnitNumber</a>
source	<xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0"/>

element **WagonDeliveryNoticeMessage**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">DeliveryAtDestination</a> <a href="#">Customers</a>
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.
source	<xs:element name="WagonDeliveryNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.</xs:documentation> </xs:annotation>

	<pre> &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="MessageHeader"/&gt;     &lt;xs:element ref="WagonInformation"/&gt;     &lt;xs:element ref="DeliveryAtDestination"/&gt;     &lt;xs:element ref="Customers" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **WagonDepartureNoticeMessage**

diagram	<p>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">RelatedReference</a> <a href="#">WagonInformation</a> <a href="#">Customers</a> <a href="#">WagonAtDeparture</a>
annotation	<p>documentation</p> <p>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</p>
source	<pre> &lt;xs:element name="WagonDepartureNoticeMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RelatedReference" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;xs:element ref="WagonInformation"/&gt; &lt;xs:element ref="Customers" minOccurs="0"/&gt; &lt;xs:element ref="WagonAtDeparture"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **WagonDeviationMessage**

diagram	<pre> classDiagram     class WagonDeviationMessage {         &lt;&lt;This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.&gt;&gt;     }     class MessageHeader     class RelatedReference     class WagonNumberFreight     class ActualETI     class WagonExceptionReport      WagonDeviationMessage &lt; -- MessageHeader     WagonDeviationMessage --&gt; RelatedReference     WagonDeviationMessage --&gt; WagonNumberFreight     WagonDeviationMessage --&gt; ActualETI     WagonDeviationMessage --&gt; WagonExceptionReport </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">RelatedReference</a> <a href="#">WagonNumberFreight</a> <a href="#">ActualETI</a> <a href="#">WagonExceptionReport</a>
annotation	<p>documentation</p> <p>This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</p>
source	<pre> &lt;xs:element name="WagonDeviationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RelatedReference"/&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="ActualETI"/&gt;       &lt;xs:element ref="WagonExceptionReport"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WagonETI\_ETA\_Message**

diagram	<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> <p><b>MessageHeader</b> + Used for all messages</p> <p><b>RelatedReference</b> + Identifies the message to which the actual message refers</p> <p><b>WagonInformation</b> + 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</p> <p><b>ArrivalInterchangeReport</b> + The arrival or interchange station where ETI end</p> <p><b>DepartureInterchangeReport</b> + Departure or interchange station ETI Origin</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">RelatedReference</a> <a href="#">WagonInformation</a> <a href="#">ArrivalInterchangeReport</a> <a href="#">DepartureInterchangeReport</a>
annotation	<p>documentation</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>
source	<pre>&lt;xs:element name="WagonETI_ETA_Message"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RelatedReference"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="ArrivalInterchangeReport"/&gt;       &lt;xs:element ref="DepartureInterchangeReport" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonEventInformation**

diagram	<p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">WagonEvent</a> <a href="#">EventDateTime</a> <a href="#">Location</a>
used by	element <a href="#">WIMO Dataset/EventLevelData</a>
annotation	documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages
source	<pre>&lt;xs:element name="WagonEventInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This is a WIMO element that is derived from the Wagon Release Notice and Event Messages&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="WagonEvent"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:enumeration value="Release"/&gt;             &lt;xs:enumeration value="Arrival"/&gt;             &lt;xs:enumeration value="Departure"/&gt;             &lt;xs:enumeration value="Exception"/&gt;             &lt;xs:enumeration value="Delivery"/&gt;             &lt;xs:enumeration value="InterchangeDelivery"/&gt;             &lt;xs:enumeration value="InterchangeReceipt"/&gt;             &lt;xs:enumeration value="YardDeparture"/&gt;             &lt;xs:enumeration value="YardArrival"/&gt;             &lt;xs:enumeration value="DeliveryConfirmation"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="EventDateTime" type="xs:dateTime"/&gt;       &lt;xs:element ref="Location"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonEventInformation/WagonEvent**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:token</b>

properties	content simple																																	
facets	<table> <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																																	
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enumeration	Exception																																	
enumeration	Delivery																																	
enumeration	InterchangeDelivery																																	
enumeration	InterchangeReceipt																																	
enumeration	YardDeparture																																	
enumeration	YardArrival																																	
enumeration	DeliveryConfirmation																																	
source	<pre>&lt;xs:element name="WagonEvent"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="Release"/&gt;       &lt;xs:enumeration value="Arrival"/&gt;       &lt;xs:enumeration value="Departure"/&gt;       &lt;xs:enumeration value="Exception"/&gt;       &lt;xs:enumeration value="Delivery"/&gt;       &lt;xs:enumeration value="InterchangeDelivery"/&gt;       &lt;xs:enumeration value="InterchangeReceipt"/&gt;       &lt;xs:enumeration value="YardDeparture"/&gt;       &lt;xs:enumeration value="YardArrival"/&gt;       &lt;xs:enumeration value="DeliveryConfirmation"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>																																	

element **WagonEventInformation/EventDateTime**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:dateTime</b>
properties	content simple
source	<pre>&lt;xs:element name="EventDateTime" type="xs:dateTime"/&gt;</pre>

element **WagonExceptionMessage**

diagram	<pre> classDiagram     class WagonExceptionMessage {         &lt;&lt;This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold&gt;&gt;     }     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class WagonInformation {         &lt;&lt;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&gt;&gt;     }     class WagonExceptionReport {         &lt;&lt;Specifies the exceptions of a wagon related to a specific location&gt;&gt;     }     class DangerousGoodsIndication {         &lt;&lt;Identifies dangerous goods&gt;&gt;     }     WagonExceptionMessage &lt; -- MessageHeader     WagonExceptionMessage &lt; -- WagonInformation     WagonExceptionMessage &lt; -- WagonExceptionReport     WagonExceptionMessage &lt; -- DangerousGoodsIndication   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">WagonExceptionReport</a> <a href="#">DangerousGoodsIndication</a>
annotation	<p>documentation</p> <p>This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</p>
source	<pre> &lt;xs:element name="WagonExceptionMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="WagonExceptionReport"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **WagonExceptionReasonMessage**

diagram	<pre> classDiagram     class WagonExceptionReasonMessage {         &lt;&lt;This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.&gt;&gt;     }     class MessageHeader {         &lt;&lt;Used for all messages&gt;&gt;     }     class WagonInformation {         &lt;&lt;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&gt;&gt;     }     class WagonExceptionReport {         &lt;&lt;Specifies the exceptions of a wagon related to a specific location&gt;&gt;     }     class DangerousGoodsIndication {         &lt;&lt;Identifies dangerous goods&gt;&gt;     }      WagonExceptionReasonMessage &lt; -- MessageHeader     WagonExceptionReasonMessage &lt; -- WagonInformation     WagonExceptionReasonMessage *--&gt; WagonExceptionReport     WagonExceptionReasonMessage *--&gt; DangerousGoodsIndication   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">WagonExceptionReport</a> <a href="#">DangerousGoodsIndication</a>
annotation	<p>documentation</p> <p>This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.</p>
source	<pre> &lt;xs:element name="WagonExceptionReasonMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="WagonExceptionReport"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

element **WagonExceptionReport**

diagram	<p><b>WagonExceptionReport</b>      Describes the interruption points with location and the time of the interruption</p> <p><b>ExceptionReason</b>      0..∞ 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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">ExceptionPoint</a> <a href="#">ExceptionReason</a>
used by	elements <a href="#">WagonDeviationMessage</a> <a href="#">WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a>
annotation	documentation Specifies the exceptions of a wagon related to a specific location
source	<pre>&lt;xs:element name="WagonExceptionReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the exceptions of a wagon related to a specific location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="ExceptionPoint"/&gt;       &lt;xs:element ref="ExceptionReason" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonInformation**

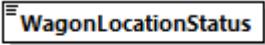
diagram	<p><b>WagonInformation</b></p> <p>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</p> <p><b>WagonNumberFreight</b> Identifies uniquely the freight wagon by its number</p> <p><b>LoadingStatus</b> Loading status of the equipment. 0=Empty, 1=Loaded</p> <p><b>TotalWeight</b> Total weight of the loaded wagon [kg].</p> <p><b>GoodsInWagon</b>      0..99 Goods</p>
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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">LoadingStatus</a> <a href="#">TotalWeight</a> <a href="#">GoodsInWagon</a>
used by	elements <a href="#">WIMO Dataset/ConsignmentLevelData WagonArrivalNoticeMessage</a> <a href="#">WagonDeliveryNoticeMessage</a> <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonETI ETA Message</a> <a href="#">WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a> <a href="#">WagonReleaseNoticeMessage</a>
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>&lt;xs:element name="WagonInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="LoadingStatus"/&gt;       &lt;xs:element ref="TotalWeight" minOccurs="0"/&gt;       &lt;xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

### element **WagonLength**

diagram	 <b>WagonLength</b> Length over buffers in cms									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	element <a href="#">Wagons/WagonDetails/WagonTypeDetails</a>									
facets	<table> <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>&lt;xs:element name="WagonLength"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length over buffers in cms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **WagonLocationStatus**

diagram	 <p>identifies the status of a wagon, related to the actual time at a reporting point</p>					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4					
type	<b>RunningStatus</b>					
properties	content simple					
used by	element <a href="#">ExceptionPoint</a>					
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			
	enumeration	15	documentation			
			Wagon run-through at reporting point by train			
	enumeration	16	documentation			
			Wagon parked at reporting point			
	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 wagon, related to the actual time at a reporting point					
source	<pre>&lt;xs:element name="WagonLocationStatus" type="RunningStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;identifies the status of a wagon, related to the actual time at a reporting point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>					

element **WagonMaxSpeed**

diagram	 <b>WagonMaxSpeed</b> Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	element <a href="#">WagonOperationalData</a>									
facets	<table> <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> &lt;xs:element name="WagonMaxSpeed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="001"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **WagonNumberFreight**

diagram	 <b>WagonNumberFreight</b> Identifies uniquely the freight wagon by its number									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">WagonIdent</a>									
properties	content simple									
used by	elements <a href="#">RollingStockDataset/AdministrativeDataSet AlertMessage</a> <a href="#">RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage</a> <a href="#">WagonData WagonDeviationMessage WagonInformation Wagons WagonYardArrivalMessage</a> <a href="#">WagonYardDepartureMessage</a>									
facets	<table> <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> &lt;xs:element name="WagonNumberFreight" type="WagonIdent"&gt;   &lt;xs:annotation&gt; </pre>									

	<pre>&lt;xs:documentation&gt;Identifies uniquely the freight wagon by its number&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	--

element **WagonNumberOfAxles**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	elements <a href="#">RollingStockDataset/DesignDataSet</a> <a href="#">WagonTechData</a> <a href="#">Wagons/WagonDetails/WagonTypeDetails</a>									
facets	<table> <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	<p>documentation</p> <p>Number of Axels for a wagon</p>									
source	<pre>&lt;xs:element name="WagonNumberOfAxles"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of Axels for a wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="2"/&gt;       &lt;xs:maxInclusive value="99"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **WagonOperationalData**

diagram	<pre> graph LR     WD[WagonOperationalData] --- &lt;--&gt;  BrakeType     WD --- &lt;--&gt;  BrakeWeight     WD --- &lt;--&gt;  WagonMaxSpeed     WD --- &lt;--&gt;  ExceptionalGaugingProfile     WD --- &lt;--&gt;  ExceptionalGaugingIdent     WD --- &lt;--&gt;  DangerousGoodsIndication     WD --- &lt;--&gt;  InfoOnGoodsShapeTypeDanger     WD --- &lt;--&gt;  RestrictionsDueToLoadOrDamage     WD --- &lt;--&gt;  TotalLoadWeight   </pre> <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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">BrakeType</a> <a href="#">BrakeWeight</a> <a href="#">WagonMaxSpeed</a> <a href="#">ExceptionalGaugingProfile</a> <a href="#">ExceptionalGaugingIdent</a> <a href="#">DangerousGoodsIndication</a> <a href="#">InfoOnGoodsShapeTypeDanger</a> <a href="#">RestrictionsDueToLoadOrDamage</a> <a href="#">TotalLoadWeight</a>

used by	element <a href="#">WagonData</a>
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>&lt;xs:element name="WagonOperationalData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="BrakeType" minOccurs="0"/&gt;       &lt;xs:element ref="BrakeWeight" minOccurs="0"/&gt;       &lt;xs:element ref="WagonMaxSpeed" minOccurs="0"/&gt;       &lt;xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/&gt;       &lt;xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="InfoOnGoodsShapeTypeDanger" minOccurs="0" maxOccurs="9"/&gt;       &lt;xs:element ref="RestrictionsDueToLoadOrDamage" minOccurs="0" maxOccurs="9"/&gt;       &lt;xs:element ref="TotalLoadWeight" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonPickupAtOrigin**

diagram	<p>The diagram illustrates the structure of the <b>WagonPickupAtOrigin</b> element. It consists of three main components: <b>WagonPickupAtOrigin</b>, <b>Location</b>, and <b>DepartureTimeAtLocation</b>. The <b>WagonPickupAtOrigin</b> element is connected to the <b>Location</b> and <b>DepartureTimeAtLocation</b> elements via association lines. The <b>Location</b> element is described as 'Identifies a Location using a LocationIdent'. The <b>DepartureTimeAtLocation</b> element is described as 'the scheduled departure date and time at a defined location'.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a>
used by	element <a href="#">WagonReleaseNoticeMessage</a>
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>&lt;xs:element name="WagonPickupAtOrigin"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;</pre>

	<pre> &lt;xs:sequence&gt;   &lt;xs:element ref="Location"/&gt;   &lt;xs:element ref="DepartureTimeAtLocation"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **WagonReleaseNoticeMessage**

diagram	<pre> classDiagram     class WagonReleaseNoticeMessage {         &lt;&lt;This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.&gt;&gt;         &lt;&lt;Used for all messages&gt;&gt;         &lt;&lt;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&gt;&gt;         &lt;&lt;Information about the consignor, consignee and freight payers.&gt;&gt;         &lt;&lt;Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings&gt;&gt;     } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">Customers</a> <a href="#">WagonPickupAtOrigin</a>
annotation	<p>documentation</p> <p>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</p>
source	<pre> &lt;xs:element name="WagonReleaseNoticeMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="Customers" minOccurs="0"/&gt;       &lt;xs:element ref="WagonPickupAtOrigin"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

## element Wagons

diagram	<pre> classDiagram     class Wagons {         &lt;&lt;Content of the wagon&gt;&gt;     }     class WagonNumberFreight {         &lt;&lt;Identifies uniquely the freight wagon by its number&gt;&gt;     }     class WagonDetails {         &lt;&lt;Details for the specific wagon&gt;&gt;     }     class SummaryOfGoodsWithSameRID {         &lt;&lt;This element is only in use if the consignment 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&gt;&gt;         &lt;&lt;0..25&gt;&gt;     }     class LoadingTackles {         &lt;&lt;Describes the loading tackles used inside the wagon&gt;&gt;         &lt;&lt;0..99&gt;&gt;     }     class GoodsInWagon {         &lt;&lt;1..99&gt;&gt;     }      Wagons --&gt; WagonNumberFreight     WagonNumberFreight --&gt; WagonDetails     WagonDetails --&gt; SummaryOfGoodsWithSameRID     SummaryOfGoodsWithSameRID --&gt; LoadingTackles     LoadingTackles --&gt; GoodsInWagon   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">WagonDetails</a> <a href="#">SummaryOfGoodsWithSameRID</a> <a href="#">LoadingTackles</a> <a href="#">GoodsInWagon</a>
used by	element <a href="#">ConsignmentOrderMessage/COMS/COM</a>
annotation	documentation Content of the wagon
source	<pre> &lt;xsd:element name="Wagons"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Content of the wagon&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element ref="WagonNumberFreight"/&gt;       &lt;xsd:sequence&gt;         &lt;xsd:element name="WagonDetails"&gt;           &lt;xsd:annotation&gt;             &lt;xsd:documentation&gt;Details for the specific wagon&lt;/xsd:documentation&gt;           &lt;/xsd:annotation&gt;           &lt;xsd:complexType&gt;             &lt;xsd:sequence&gt;               &lt;xsd:element ref="LoadingStatus"/&gt;               &lt;xsd:element name="WagonInfo" minOccurs="0"&gt;                 &lt;xsd:annotation&gt;                   &lt;xsd:documentation&gt;Additional information, concerning the goods of the whole wagon. &lt;/xsd:documentation&gt;                 &lt;/xsd:annotation&gt;                 &lt;xsd:simpleType&gt;                   &lt;xsd:restriction base="xsd:string"&gt; </pre>

```
        <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</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```

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" 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 name="RID" minOccurs="0" maxOccurs="50">
                            <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>

```

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"/>
    <xsmaxLength value="350"/>
  </xs:restriction>
</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"/>
      <xsmaxLength 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"/>
            <xsmaxLength 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"/>
            <xsmaxLength 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: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"/>
            <xsmaxLength 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"/>
            <xsmaxLength 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: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: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</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
PACKAGING</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="02">
    <xs:annotation>
        <xs:documentation>EMPTY</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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">
  <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: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>
<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>
<xs:element name="Packing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Packing information</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:complexType>
</xs:sequence>
<xs:element name="NatureOfPacking" minOccurs="0">
    <xs:annotation>
```

	<pre> &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommandation No 21&lt;/xs:documentation&gt; &lt;xs:documentation&gt;CODE: UN/ECE-Recommendation No. 21&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:maxLength value="2"/&gt; &lt;xs:minLength value="1"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="NumberOfPackages" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:int"&gt; &lt;xs:minInclusive value="1"/&gt; &lt;xs:maxInclusive value="99999"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Particular marks and numbers to identify less than wagon load assignments.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:maxLength value="35"/&gt; &lt;xs:minLength value="1"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="NHM_Code"/&gt; &lt;xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/&gt; &lt;xs:element ref="GoodsDescription" minOccurs="0"/&gt; &lt;xs:element name="AdditionalGoodInformation" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Additional information regarding the loaded good, given by the customer.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:minLength value="1"/&gt; &lt;xs:maxLength value="350"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="GrossWeight"/&gt; &lt;xs:element name="HS_Code" minOccurs="0"&gt; </pre>
--	---

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

## element Wagons/WagonDetails

diagram	<pre> classDiagram     class WagonDetails {         &lt;&lt;Details for the specific wagon&gt;&gt;     }     class LoadingStatus     class WagonInfo     class WagonTypeDetails     class TotalWeight     class LoadLimit     class Seals     class Ship     class DeliveryReference     class OriginCountry     class ExceptionalConsignment     class Examination     class FormalReports     class ShuntingModalLabel     class CustomerReference     class BookingNumber      WagonDetails "1" -- "0..10" ExceptionalConsignment     WagonDetails "1" -- "0..10" Examination     WagonDetails "1" -- "0..15" FormalReports     WagonDetails "1" -- "0..5" CustomerReference     WagonDetails "1" -- "1" BookingNumber   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

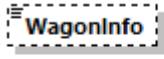
properties	content complex
children	<a href="#">LoadingStatus</a> <a href="#">WagonInfo</a> <a href="#">WagonTypeDetails</a> <a href="#">TotalWeight</a> <a href="#">LoadLimit</a> <a href="#">Seals</a> <a href="#">Ship</a> <a href="#">DeliveryReference</a> <a href="#">OriginCountry</a> <a href="#">ExceptionalConsignment</a> <a href="#">Examination</a> <a href="#">FormalReports</a> <a href="#">ShuntingModalLabel</a> <a href="#">CustomerReference</a> <a href="#">BookingNumber</a>
annotation	documentation Details for the specific wagon
source	<pre> &lt;xs:element name="WagonDetails"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details for the specific wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LoadingStatus"/&gt;       &lt;xs:element name="WagonInfo" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional information, concerning the goods of the whole wagon. &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="2000"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="WagonTypeDetails" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;These elements are only needed, if the wagon has to be treated as CUV (empty wagon).&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="WagonWeightEmpty"/&gt;             &lt;xs:element ref="WagonNumberOfAxles"/&gt;             &lt;xs:element ref="WagonLength"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="TotalWeight" minOccurs="0"/&gt;       &lt;xs:element name="LoadLimit" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Load limit from table of load limits in [t].&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:totalDigits value="4"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Seals" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Describes the seals used for the consignment&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </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> &lt;xs:restriction base="xs:string"&gt;   &lt;xs:maxLength value="30"/&gt;   &lt;xs:minLength value="1"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="BookingNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;XrailBooking number for the consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="24"/&gt;     &lt;xsmaxLength value="64"/&gt;     &lt;xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

## element Wagons/WagonDetails/WagonInfo

diagram	 <p>Additional information, concerning the goods of the whole wagon.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2000</td> <td></td> </tr> </tbody> </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> &lt;xs:element name="WagonInfo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information, concerning the goods of the whole wagon. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="2000"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

## element Wagons/WagonDetails/WagonTypeDetails

diagram	<pre> classDiagram     class WagonTypeDetails {         &lt;&lt;These elements are only needed, if the wagon has to be treated as CUV (empty wagon).&gt;&gt;     }     class WagonWeightEmpty {         &lt;&lt;The weight of an empty wagon according to the entry in the rolling stock database&gt;&gt;     }     class WagonNumberOfAxles {         &lt;&lt;Number of Axels for a wagon&gt;&gt;     }     class WagonLength {         &lt;&lt;Length over buffers in cms&gt;&gt;     }      WagonTypeDetails --&gt; WagonWeightEmpty     WagonTypeDetails --&gt; WagonNumberOfAxles     WagonTypeDetails --&gt; WagonLength   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">WagonWeightEmpty</a> <a href="#">WagonNumberOfAxles</a> <a href="#">WagonLength</a>
annotation	<p>documentation</p> <p>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</p>
source	<pre> &lt;xs:element name="WagonTypeDetails" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;These elements are only needed, if the wagon has to be treated as CUV (empty wagon).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonWeightEmpty"/&gt;       &lt;xs:element ref="WagonNumberOfAxles"/&gt;       &lt;xs:element ref="WagonLength"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

## element Wagons/WagonDetails/LoadLimit

diagram	<pre> classDiagram     class LoadLimit {         &lt;&lt;Load limit from table of load limits in [t].&gt;&gt;     }   </pre>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:decimal</a>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <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	<p>documentation</p> <p>Load limit from table of load limits in [t].</p>									
source	<pre> &lt;xs:element name="LoadLimit" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Load limit from table of load limits in [t].&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>									

	<pre>[t].&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:decimal"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:totalDigits value="4"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	--

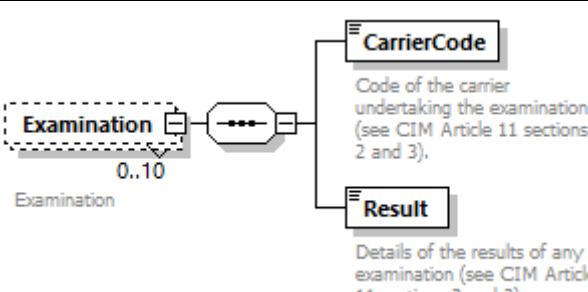
## element Wagons/WagonDetails/ExceptionalConsignment

diagram	<pre> classDiagram     class ExceptionalConsignment     class IM_Partner {         Infrastructure Manager     }     class PermissionNumber {         Reference/permission number of the exceptional consignment.     }      ExceptionalConsignment "0..10" --&gt; IM_Partner     IM_Partner --&gt; PermissionNumber   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 10 content complex
children	<a href="#">IM_Partner</a> <a href="#">PermissionNumber</a>
annotation	documentation Exceptional Consignment
source	<pre> &lt;xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Exceptional Consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="IM_Partner"/&gt;       &lt;xs:element name="PermissionNumber"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Reference/permission number of the exceptional consignment.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="24"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

## element Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
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>24</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	<p>documentation</p> <p>Reference/permission number of the exceptional consignment.</p>									
source	<pre>&lt;xs:element name="PermissionNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference/permission number of the exceptional consignment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="24"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

## element Wagons/WagonDetails/Examination

diagram							
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <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	<a href="#">CarrierCode</a> <a href="#">Result</a>						
annotation	<p>documentation</p> <p>Examination</p>						
source	<pre>&lt;xs:element name="Examination" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Examination&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;</pre>						

	<pre> &lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="Result"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the results of any examination (see CIM Article 11 sections 2 and 3).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="180"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

## element Wagons/WagonDetails/Examination/CarrierCode

diagram	<p>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <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> &lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												

## element Wagons/WagonDetails/Examination/Result

diagram	<p>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</p>
---------	---

namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	content simple
facets	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>&lt;xs:element name="Result"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the results of any examination (see CIM Article 11 sections 2 and 3).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="180"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

## element Wagons/WagonDetails/FormalReports

diagram	<pre> classDiagram     class FormalReports {         &lt;&lt;Formal report&gt;&gt;     }     class CreationDate {         &lt;&lt;Date when the report was made out.&gt;&gt;     }     class Number {         &lt;&lt;Number of the report form.&gt;&gt;     }     class CarrierCode {         &lt;&lt;Code of the carrier who made it out.&gt;&gt;     }      FormalReports "0..15" --&gt; CreationDate     FormalReports "0..15" --&gt; Number     FormalReports "0..15" --&gt; CarrierCode   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 15 content complex
children	<a href="#">CreationDate</a> <a href="#">Number</a> <a href="#">CarrierCode</a>
annotation	documentation Formal report
source	<pre>&lt;xs:element name="FormalReports" minOccurs="0" maxOccurs="15"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Formal report&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="CreationDate" type="xs:date"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date when the report was made out.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:element name="Number" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of the report form.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xsmaxLength value="13"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of the carrier who made it out.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

## element Wagons/WagonDetails/FormalReports/CreationDate

diagram	<b>CreationDate</b> <p>Date when the report was made out.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:date</b>
properties	content simple
annotation	documentation Date when the report was made out.
source	<pre> &lt;xs:element name="CreationDate" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date when the report was made out.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

## element Wagons/WagonDetails/FormalReports/Number

diagram	<b>Number</b> <p>Number of the report form.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	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>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>&lt;xs:element name="Number" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of the report form.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="13"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

## element Wagons/WagonDetails/FormalReports/CarrierCode

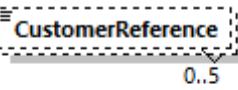
diagram	 <p>Code of the carrier who made it out.</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table> <thead> <tr> <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>&lt;xs:element name="CarrierCode" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of the carrier who made it out.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

## element Wagons/WagonDetails/ShuntingModalLabel

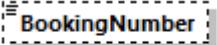
diagram	 <p>Shunting modal label according to chapter 5.3.4 RID</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <a href="#">xs:token</a>									
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></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>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>&lt;xs:element name="ShuntingModalLabel" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shunting modal label according to chapter 5.3.4 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="13"/&gt;       &lt;xs:enumeration value="15"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>5</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	5	content	simple			
minOcc	0									
maxOcc	5									
content	simple									
facets	<table> <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>30</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	<p>documentation Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</p>									
source	<pre>&lt;xs:element name="CustomerReference" minOccurs="0" maxOccurs="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="30"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

## element Wagons/WagonDetails/BookingNumber

diagram	
	XrailBooking number for the consignment
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="BookingNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;XrailBooking number for the consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="24"/&gt;       &lt;xs:maxLength value="64"/&gt;       &lt;xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

## element Wagons/GoodsInWagon

diagram	<p>The diagram illustrates the structure of the 'Wagons/GoodsInWagon' element. It begins with a main element 'GoodsInWagon' (1.99) which contains several sub-elements. Some of these sub-elements are enclosed in dashed boxes, likely indicating they are optional or have specific constraints.</p> <ul style="list-style-type: none"> <li><b>NoGoodsOfClassX</b>: 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).</li> <li><b>RID</b>: 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.</li> <li><b>Packing</b>: Packing information.</li> <li><b>NHM_Code</b>: NHM code of the goods.</li> <li><b>PreviousLoadedGood</b></li> <li><b>GoodsDescription</b>: This element describes the goods of the shipment as free text.</li> <li><b>AdditionalGoodInformation</b>: Additional information regarding the loaded good, given by the customer.</li> <li><b>GrossWeight</b>: Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing.</li> <li><b>HS_Code</b>: HS-Code for sensible goods (appendix 44c of cip) 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.</li> <li><b>EWC_Key</b>: Numeric key according to the European Waste Catalogue.</li> <li><b>ReferenceNumbers</b>: This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!</li> <li><b>ILU</b>: Describes the type and content of an IntermodalTransportUnit.</li> <li><b>RollingRoadUnit</b>: Describes the type and content of a Rolling road unit.</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	minOcc 1 maxOcc 99 content complex
children	<a href="#">NoGoodsOfClassX</a> <a href="#">RID</a> <a href="#">Packing</a> <a href="#">NHM</a> <a href="#">Code</a> <a href="#">PreviousLoadedGood</a> <a href="#">GoodsDescription</a> <a href="#">AdditionalGoodInformation</a> <a href="#">GrossWeight</a> <a href="#">HS</a> <a href="#">Code</a> <a href="#">EWC</a> <a href="#">Key</a> <a href="#">ReferenceNumbers</a> <a href="#">ILU</a> <a href="#">RollingRoadUnit</a>
used by	element <a href="#">WagonInformation</a>
source	<pre> &lt;xs:element name="GoodsInWagon" maxOccurs="99"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NoGoodsOfClassX" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="RID" minOccurs="0" maxOccurs="50"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="Law"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;The law after which the RID data are declared.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:int"&gt;                   &lt;xs:enumeration value="2013"/&gt;                   &lt;xs:enumeration value="2015"/&gt;                   &lt;xs:enumeration value="2017"/&gt;                   &lt;xs:enumeration value="2019"/&gt;                   &lt;xs:enumeration value="2021"/&gt;                   &lt;xs:enumeration value="2023"/&gt;                   &lt;xs:enumeration value="2025"/&gt;                   &lt;xs:enumeration value="2027"/&gt;                   &lt;xs:enumeration value="2029"/&gt;                   &lt;xs:enumeration value="2031"/&gt;                   &lt;xs:enumeration value="2033"/&gt;                   &lt;xs:enumeration value="2035"/&gt;                   &lt;xs:enumeration value="2037"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/&gt;             &lt;xs:element name="TechnicalDescription" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;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,&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre>column 6.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ProperShippingName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="SpecialProvisionsRID" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="5"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Waste" type="xs:boolean" minOccurs="0"/&gt;       &lt;xs:element name="SpecialProvisionsEnvironment" minOccurs="0"&gt;         &lt;xs:complexType&gt;           &lt;xs:choice&gt;             &lt;xs:element name="EnvironmentalHazardous" type="xs:boolean"/&gt;             &lt;xs:element name="MarinePollutant" type="xs:boolean"/&gt;           &lt;/xs:choice&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	--

```
</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: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:restriction>
    </xs:simpleType>
</xs:element>
```

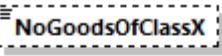
```
</xs:enumeration>
<xs:enumeration value="04">
    <xs:annotation>
        <xs:documentation>EMPTY LARGE
PACKAGING</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-
VEHICLE</xs:documentation>
    </xs:annotation>
</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">
    <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>
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    <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">
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    </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>
<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:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
        <xs:minLength value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="NumberOfPackages" minOccurs="0">
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        <xs:documentation>Number of packages.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
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            <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:restriction>
    </xs:simpleType>
```

	<pre> &lt;xs:maxLength value="10"/&gt; &lt;xs:pattern value="\d*[1-9]\d*"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="EWC_Key" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Numeric key according to the European Waste Catalogue&lt;/xs:documentation&gt; &lt;xs:documentation&gt;CODE: European waste catalogue (EWC) 2000/532/EC&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:minLength value="2"/&gt; &lt;xs:maxLength value="6"/&gt; &lt;xs:pattern value="\d*"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99"/&gt; &lt;xs:element ref="ILU" minOccurs="0"/&gt; &lt;xs:element ref="RollingRoadUnit" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **Wagons/GoodsInWagon/NoGoodsOfClassX**

diagram	 <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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1
annotation	<p>documentation</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>
source	<pre> &lt;xs:element name="NoGoodsOfClassX" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

## element Wagons/GoodsInWagon/RID

diagram	<pre> classDiagram     class RID {         &lt;&lt;0..50&gt;&gt;         &lt;&lt;The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID requirements. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the RID 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&gt;&gt;     }     class Law     class DangerLabel     class TechnicalDescription     class ProperShippingName     class SpecialProvisionsRID     class ActionRequiredFromCarrier     class DangerousGoodsWeight     class DangerousGoodsVolume     class WeightNettoExplosiveMass     class HazardIdentificationNumber     class UN_Number     class RID_Class     class ClassificationCode     class PackingGroup     class EmptyPackingCode     class LimitedQuantityIndicator      RID &lt; --&gt;0..50 RID     RID --&gt; Law     RID --&gt; DangerLabel     RID --&gt; TechnicalDescription     RID --&gt; ProperShippingName     RID --&gt; SpecialProvisionsRID     RID --&gt; ActionRequiredFromCarrier     RID --&gt; DangerousGoodsWeight     RID --&gt; DangerousGoodsVolume     RID --&gt; WeightNettoExplosiveMass     RID --&gt; HazardIdentificationNumber     RID --&gt; UN_Number     RID --&gt; RID_Class     RID --&gt; ClassificationCode     RID --&gt; PackingGroup     RID --&gt; EmptyPackingCode     RID --&gt; LimitedQuantityIndicator   </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0

	maxOcc 50 content complex
children	<a href="#">Law</a> <a href="#">DangerLabel</a> <a href="#">TechnicalDescription</a> <a href="#">ProperShippingName</a> <a href="#">SpecialProvisions</a> <a href="#">RID</a> <a href="#">ActionRequiredFromCarrier</a> <a href="#">DangerousGoodsWeight</a> <a href="#">DangerousGoodsVolume</a> <a href="#">WeightNetto</a> <a href="#">ExplosiveMass</a> <a href="#">HazardIdentificationNumber</a> <a href="#">UN Number</a> <a href="#">RID Class</a> <a href="#">ClassificationCode</a> <a href="#">PackingGroup</a> <a href="#">EmptyPackingCode</a> <a href="#">LimitedQuantityIndicator</a>
used by	element <a href="#">Goods</a>
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> &lt;xs:element name="RID" minOccurs="0" maxOccurs="50"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Law"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;The law after which the RID data are declared.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:enumeration value="2013"/&gt;             &lt;xs:enumeration value="2015"/&gt;             &lt;xs:enumeration value="2017"/&gt;             &lt;xs:enumeration value="2019"/&gt;             &lt;xs:enumeration value="2021"/&gt;             &lt;xs:enumeration value="2023"/&gt;             &lt;xs:enumeration value="2025"/&gt;             &lt;xs:enumeration value="2027"/&gt;             &lt;xs:enumeration value="2029"/&gt;             &lt;xs:enumeration value="2031"/&gt;             &lt;xs:enumeration value="2033"/&gt;             &lt;xs:enumeration value="2035"/&gt;             &lt;xs:enumeration value="2037"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/&gt;       &lt;xs:element name="TechnicalDescription" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

```
</xs:restriction>
</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>
```

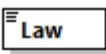
```
<xs:restriction base="xs:string">
  <xs:minLength value="1"/>
  <xs:maxLength value="350"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation>
  </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: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>
```

```
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    </xs:annotation>
</xs:enumeration>
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    <xs:annotation>
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    </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">
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        <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:enumeration value="11">
    <xs:annotation>
        <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
    <xs:annotation>
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    </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>
```

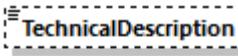
	<pre> &lt;xs:enumeration value="17"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;EMPTY RECEPTACLE gt 1000L&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="18"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;EMPTY&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

## element Wagons/GoodsInWagon/RID/Law

diagram	 <p>The law after which the RID data are declared.</p>																																										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																										
type	restriction of <b>xs:int</b>																																										
properties	content simple																																										
facets	<table> <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																																										
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enumeration	2031																																										
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enumeration	2035																																										
enumeration	2037																																										
annotation	<p>documentation</p> <p>The law after which the RID data are declared.</p>																																										
source	<pre>&lt;xs:element name="Law"&gt;   &lt;xs:annotation&gt;</pre>																																										

	<pre> &lt;xs:documentation&gt;The law after which the RID data are declared.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:int"&gt;     &lt;xs:enumeration value="2013"/&gt;     &lt;xs:enumeration value="2015"/&gt;     &lt;xs:enumeration value="2017"/&gt;     &lt;xs:enumeration value="2019"/&gt;     &lt;xs:enumeration value="2021"/&gt;     &lt;xs:enumeration value="2023"/&gt;     &lt;xs:enumeration value="2025"/&gt;     &lt;xs:enumeration value="2027"/&gt;     &lt;xs:enumeration value="2029"/&gt;     &lt;xs:enumeration value="2031"/&gt;     &lt;xs:enumeration value="2033"/&gt;     &lt;xs:enumeration value="2035"/&gt;     &lt;xs:enumeration value="2037"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **Wagons/GoodsInWagon/RID/TechnicalDescription**

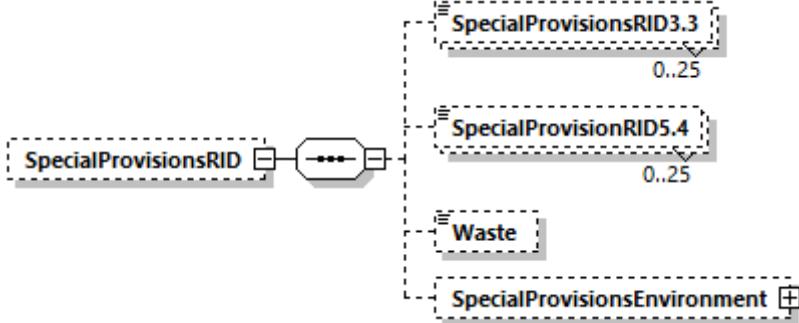
diagram	 <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	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>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	<p>documentation</p> <p>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>									
source	<pre> &lt;xs:element name="TechnicalDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

	<code>&lt;/xs:simpleType&gt;</code> <code>&lt;/xs:element&gt;</code>
--	---

element **Wagons/GoodsInWagon/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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
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> <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	<p>documentation</p> <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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p>									
source	<pre> &lt;xs:element name="ProperShippingName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

## element Wagons/GoodsInWagon/RID/SpecialProvisionsRID

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">SpecialProvisionsRID3.3</a> <a href="#">SpecialProvisionRID5.4</a> <a href="#">Waste</a> <a href="#">SpecialProvisionsEnvironment</a>
source	<pre> &lt;xs:element name="SpecialProvisionsRID" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="5"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Waste" type="xs:boolean" minOccurs="0"/&gt;       &lt;xs:element name="SpecialProvisionsEnvironment" minOccurs="0"&gt;         &lt;xs:complexType&gt;           &lt;xs:choice&gt;             &lt;xs:element name="EnvironmentalHazardous" type="xs:boolean"/&gt;             &lt;xs:element name="MarinePollutant" type="xs:boolean"/&gt;           &lt;/xs:choice&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

**element Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsRID3.3**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 25 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
source	<pre>&lt;xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="5"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionRID5.4**

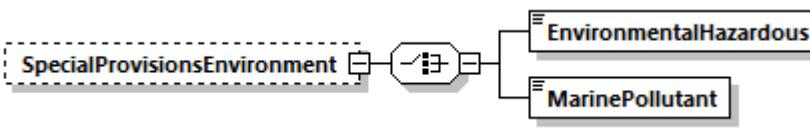
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 25 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
source	<pre>&lt;xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element Wagons/GoodsInWagon/RID/SpecialProvisionsRID/Waste**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

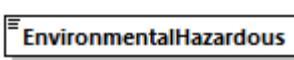
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
source	<xs:element name="Waste" type="xs:boolean" minOccurs="0"/>

element **Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">EnvironmentalHazardous</a> <a href="#">MarinePollutant</a>
source	<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>

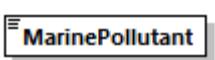
## element

**Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/EnvironmentalHazardous**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
source	<xs:element name="EnvironmentalHazardous" type="xs:boolean"/>

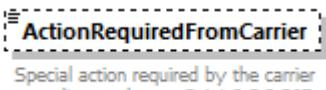
## element

**Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/MarinePollutant**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple

source	<code>&lt;xs:element name="MarinePollutant" type="xs:boolean"/&gt;</code>
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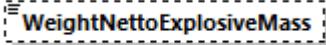
## element Wagons/GoodsInWagon/RID/ActionRequiredFromCarrier

diagram	 <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <code>xs:string</code>									
properties	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>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 Special action required by the carrier according to chapter 5.4.1.2.5.2 RID									
source	<pre>&lt;xs:element name="ActionRequiredFromCarrier" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special action required by the carrier according to chapter 5.4.1.2.5.2 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

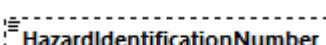
## element Wagons/GoodsInWagon/RID/DangerousGoodsVolume

diagram	 <p>The volume of the dangerous goods in cubic meters</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">VolumeValue</a>
properties	minOcc 0 maxOcc 1 content simple
used by	element <a href="#">SummaryOfGoodsWithSameRID</a>
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre>&lt;xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The volume of the dangerous goods in cubic meters&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

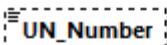
element **Wagons/GoodsInWagon/RID/WeightNettoExplosiveMass**

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/3.4												
type	<a href="#">WeightValueKilo</a>												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table> <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>&lt;xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

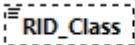
element **Wagons/GoodsInWagon/RID/HazardIdentificationNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <a href="#">xs:string</a>									
properties	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>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>&lt;xs:element name="HazardIdentificationNumber" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

## element Wagons/GoodsInWagon/RID/UN\_Number

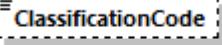
diagram										
	<p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
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									
used by	element <a href="#">SummaryOfGoodsWithSameRID</a>									
facets	<table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>length</td><td>4</td><td></td></tr> <tr> <td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr> </table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	<p>documentation</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>									
source	<pre>&lt;xs:element name="UN_Number" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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"     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="4"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

## element Wagons/GoodsInWagon/RID/RID\_Class

diagram	
	<p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>

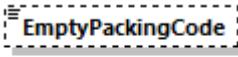
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre>&lt;xs:element name="RID_Class" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

## element Wagons/GoodsInWagon/RID/ClassificationCode

diagram	 <p>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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="ClassificationCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: OTIF RID-Specification&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>

	<pre> &lt;xs:maxLength value="4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;present only with class 1&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:maxLength&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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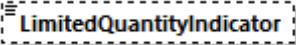
## element Wagons/GoodsInWagon/RID/EmptyPackingCode

diagram	 <p>Code of empty packing as described in RID 5.4.1.1.6.2</p>																																																									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																									
type	restriction of <b>xs:token</b>																																																									
properties	minOcc 0 maxOcc 1 content simple																																																									
facets	<table> <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																																																								
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enumeration	18	documentation EMPTY																																																								
annotation	<p>documentation Code of empty packing as described in RID 5.4.1.1.6.2</p>																																																									

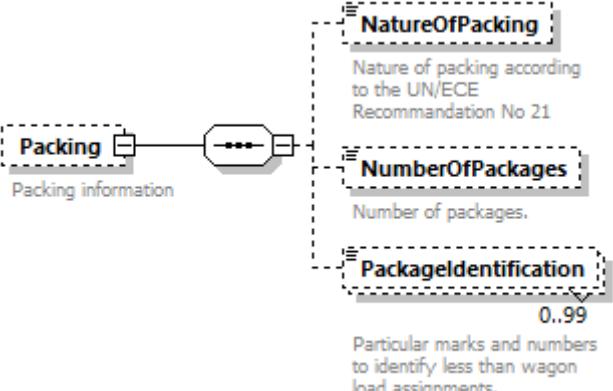
	<p>documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</p>
source	<pre> &lt;xs:element name="EmptyPackingCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of empty packing as described in RID 5.4.1.1.6.2&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="01"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY PACKAGING&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="02"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY CONTAINER&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="03"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY IBC&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="04"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY LARGE PACKAGING&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="05"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY TANK-VEHICLE&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="06"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY TANK-WAGON&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="07"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY DETACHABLE TANK&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="08"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY DEMOUNTABLE TANK&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="09"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY TANK-CONTAINER&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

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## element Wagons/GoodsInWagon/RID/LimitedQuantityIndicator

diagram	
	Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation <u>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</u>
source	<pre>&lt;xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

## element Wagons/GoodsInWagon/Packing

diagram	
	Nature of packing according to the UN/ECE Recommandation No 21 Number of packages. Particular marks and numbers to identify less than wagon load assignments.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc 1 content complex
children	<u>NatureOfPacking</u> <u>NumberOfPackages</u> <u>PackageIdentification</u>
annotation	documentation Packing information
source	<pre>&lt;xs:element name="Packing" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Packing information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NatureOfPacking" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommandation No 21&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;CODE: UN/ECE-Recommendation No.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

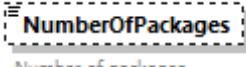
	<pre> 21&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="2"/&gt;             &lt;xs:minLength value="1"/&gt;         &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="NumberOfPackages" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:maxInclusive value="99999"/&gt;         &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Particular marks and numbers to identify less than wagon load assignments.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="35"/&gt;             &lt;xs:minLength value="1"/&gt;         &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **Wagons/GoodsInWagon/Packing/NatureOfPacking**

diagram	 <p>Nature of packing according to the UN/ECE Recommandation No 21</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Nature of packing according to the UN/ECE Recommandation No 21 documentation CODE: UN/ECE-Recommandation No. 21

source	<pre>&lt;xs:element name="NatureOfPacking" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommendation No 21&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: UN/ECE-Recommendation No. 21&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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## element Wagons/GoodsInWagon/Packing/NumberOfPackages

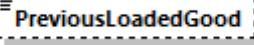
diagram	 <p>Number of packages.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:int</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <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</p> <p>Number of packages.</p>									
source	<pre>&lt;xs:element name="NumberOfPackages" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

## element Wagons/GoodsInWagon/Packing/Packageldentification

diagram	 <p>0..99</p> <p>Particular marks and numbers to identify less than wagon load assignments.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>

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>&lt;xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Particular marks and numbers to identify less than wagon load assignments.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="35"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

## element Wagons/GoodsInWagon/PreviousLoadedGood

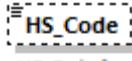
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">NHMCodeType</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<pre>&lt;xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/&gt;</pre>

## element Wagons/GoodsInWagon/AdditionalGoodInformation

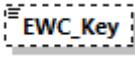
diagram	  Additional information regarding the loaded good, given by the customer.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">xs:string</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.

source	<pre>&lt;xs:element name="AdditionalGoodInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information regarding the loaded good, given by the customer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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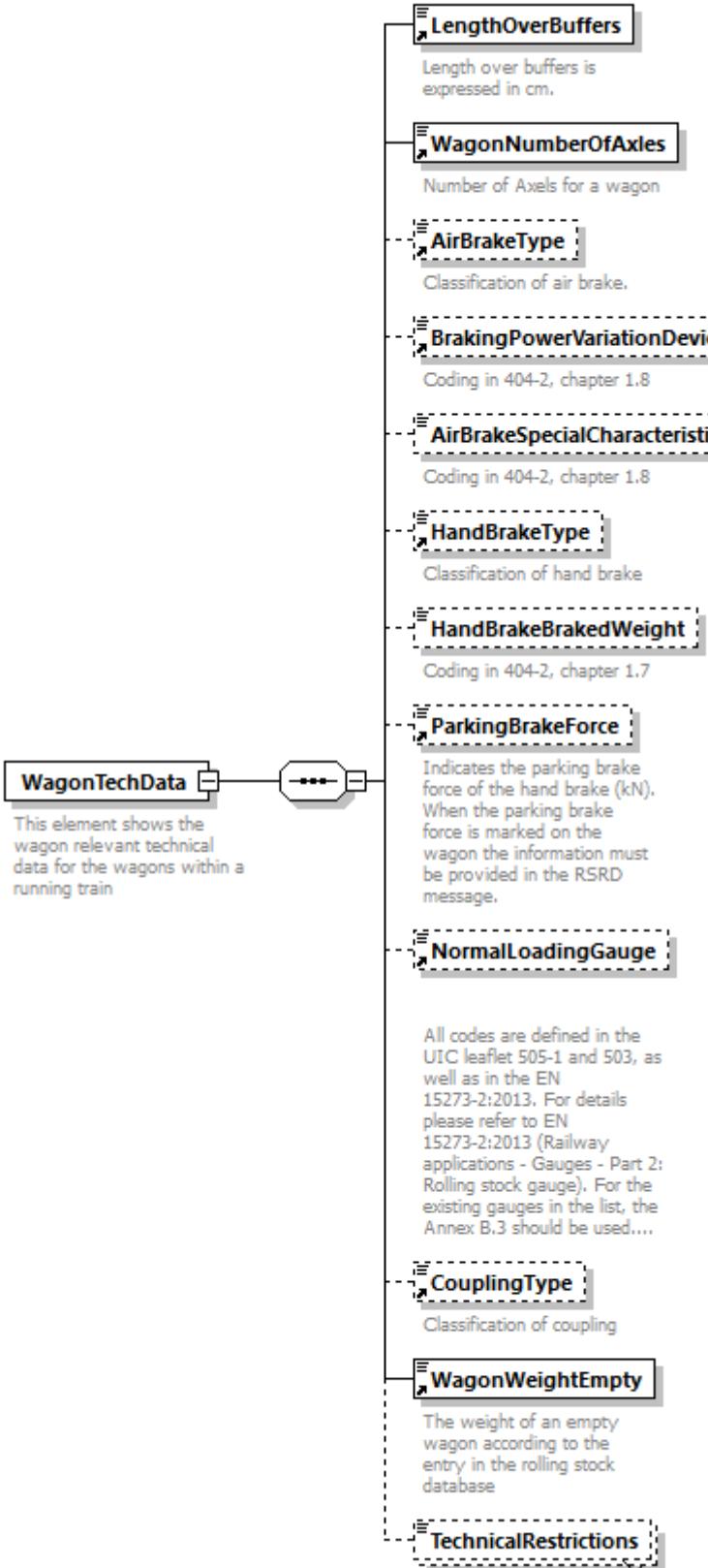
## element Wagons/GoodsInWagon/HS\_Code

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:string</b>												
properties	<table> <tr> <td>minOcc</td><td>0</td><td></td></tr> <tr> <td>maxOcc</td><td>1</td><td></td></tr> <tr> <td>content</td><td>simple</td><td></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>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> </tbody> </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	<p>documentation</p> <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>												
source	<pre>&lt;xs:element name="HS_Code" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="6"/&gt;       &lt;xs:maxLength value="10"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

element **Wagons/GoodsInWagon/EWC\_Key**

diagram	
	Numeric key according to the European Waste Catalogue
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="EWC_Key" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Numeric key according to the European Waste Catalogue&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: European waste catalogue (EWC) 2000/532/EC&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:maxLength value="6"/&gt;       &lt;xs:pattern value="\d*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WagonTechData**

diagram	 <p>This element shows the wagon relevant technical data for the wagons within a running train</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">LengthOverBuffers</a> <a href="#">WagonNumberOfAxles</a> <a href="#">AirBrakeType</a> <a href="#">BrakingPowerVariationDevice</a> <a href="#">AirBrakeSpecialCharacteristic</a> <a href="#">HandBrakeType</a> <a href="#">HandBrakeBrakedWeight</a> <a href="#">ParkingBrakeForce</a> <a href="#">NormalLoadingGauge</a> <a href="#">CouplingType</a> <a href="#">WagonWeightEmpty</a> <a href="#">TechnicalRestrictions</a>
used by	element <a href="#">WagonData</a>
annotation	documentation This element shows the wagon relevant technical data for the wagons within a running train
source	<pre> &lt;xs:element name="WagonTechData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows the wagon relevant technical data for the wagons within a running train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LengthOverBuffers"/&gt;       &lt;xs:element ref="WagonNumberOfAxles"/&gt;       &lt;xs:element ref="AirBrakeType" minOccurs="0"/&gt;       &lt;xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/&gt;       &lt;xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Coding in 404-2, chapter 1.8&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:maxInclusive value="9"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="HandBrakeType" minOccurs="0"/&gt;       &lt;xs:element name="HandBrakeBrakedWeight" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Coding in 404-2, chapter 1.7 &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="000"/&gt;             &lt;xs:maxInclusive value="999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ParkingBrakeForce" minOccurs="0"/&gt;       &lt;xs:element ref="NormalLoadingGauge" minOccurs="0"/&gt;       &lt;xs:element ref="CouplingType" minOccurs="0"/&gt;       &lt;xs:element ref="WagonWeightEmpty"/&gt;       &lt;xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonTechData/AirBrakeSpecialCharacteristic**

diagram	 <b>AirBrakeSpecialCharacteristic</b> <small>Coding in 404-2, chapter 1.8</small>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:integer</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9
annotation	documentation <small>Coding in 404-2, chapter 1.8</small>
source	<pre>&lt;xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Coding in 404-2, chapter 1.8&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WagonTechData/HandBrakeBrakedWeight**

diagram	 <b>HandBrakeBrakedWeight</b> <small>Coding in 404-2, chapter 1.7</small>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:integer</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 000 maxInclusive 999
annotation	documentation <small>Coding in 404-2, chapter 1.7</small>
source	<pre>&lt;xs:element name="HandBrakeBrakedWeight" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Coding in 404-2, chapter 1.7 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="000"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WagonTechData/TechnicalRestrictions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">Numeric2-2</a>
properties	minOcc 0 maxOcc 6 content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<pre>&lt;xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/&gt;</pre>

element **WagonTrainPosition**

diagram	
	Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">xs:int</a>
properties	content simple
used by	element <a href="#">WagonData</a>
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>&lt;xs:element name="WagonTrainPosition"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the position of a wagon within a train.  Sequential number starting with the first wagon at the front of train as  N°1.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WagonWeightEmpty**

diagram	<p><b>WagonWeightEmpty</b></p> <p>The weight of an empty wagon according to the entry in the rolling stock database</p>												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
used by	elements <a href="#">RollingStockDataset/DesignDataSet</a> <a href="#">WagonTechData</a> <a href="#">Wagons/WagonDetails/WagonTypeDetails</a>												
facets	<table> <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>The weight of an empty wagon according to the entry in the rolling stock database</p>												
source	<pre>&lt;xs:element name="WagonWeightEmpty" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The weight of an empty wagon according to the entry in the rolling stock database&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **WagonYardArrivalMessage**

diagram	<p><b>WagonYardArrivalMessage</b></p> <p>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</p> <p><b>MessageHeader</b> + Used for all messages</p> <p><b>WagonNumberFreight</b> Identifies uniquely the freight wagon by its number</p> <p><b>YardArrival</b> + The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonNumberFreight</a> <a href="#">YardArrival</a>
annotation	<p>documentation</p> <p>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</p>
source	<pre>&lt;xs:element name="WagonYardArrivalMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU to inform the LRU that the wagon has arrived at its yard.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:sequence&gt;   &lt;xs:element ref="MessageHeader"/&gt;   &lt;xs:element ref="WagonNumberFreight"/&gt;   &lt;xs:element ref="YardArrival"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **WagonYardDepartureMessage**

diagram	<p>This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonNumberFreight</a> <a href="#">YardDeparture</a>
annotation	<p>documentation</p> <p>This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.</p>
source	<pre> &lt;xs:element name="WagonYardDepartureMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="YardDeparture"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WeightOfSetOfCarriages**

diagram	<p>The calculated maximum weight of all carriages without the traction</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">WeightValueTonne</a>

properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	documentation The calculated maximum weight of all carriages without the traction
source	<pre>&lt;xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The calculated maximum weight of all carriages without the traction&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

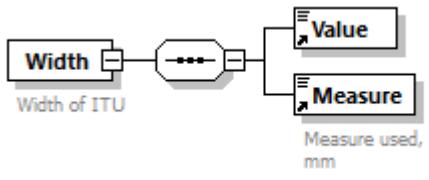
element **WheelDiameter**

diagram	 <p>Diameter of wheels measured in mm. Reference wheel diameter at maximum.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:integer</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	documentation Diameter of wheels measured in mm. Reference wheel diameter at maximum.
source	<pre>&lt;xs:element name="WheelDiameter"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Diameter of wheels measured in mm. Reference wheel diameter at maximum.   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WheelsetGauge**

diagram										
	Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table> <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	<p>documentation</p> <p>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge</p>									
source	<pre>&lt;xs:element name="WheelsetGauge"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Width**

diagram	
	Width of ITU
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Value</a> <a href="#">Measure</a>
used by	element <a href="#">Dimensions</a> complexType <a href="#">DimensionValue</a>
annotation	documentation Width of ITU
source	<pre>&lt;xs:element name="Width"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Width of ITU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

	<pre> &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="Value"/&gt;     &lt;xs:element ref="Measure"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **WIMO\_Dataset**

diagram	<p>Comment describing your root element</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">ConsignmentLevelData</a> <a href="#">EventLevelData</a> <a href="#">RollingStockDataset</a>
annotation	documentation Comment describing your root element
source	<pre> &lt;xs:element name="WIMO_Dataset"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Comment describing your root element&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ConsignmentLevelData"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="Customer" maxOccurs="2"/&gt;             &lt;xs:element ref="ConsignmentNumber"/&gt;             &lt;xs:element ref="Goods"/&gt;             &lt;xs:element ref="AgreedTimeOfDelivery"/&gt;             &lt;xs:element ref="Destination"/&gt;             &lt;xs:element ref="WagonInformation"/&gt;             &lt;xs:element ref="ContractNumber" minOccurs="0"/&gt;             &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"/&gt;             &lt;xs:element ref="SpecialTreatments" minOccurs="0"/&gt;             &lt;xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/&gt;               &lt;xs:element ref="PreviousConsignmentNumber" minOccurs="0"/&gt;               &lt;xs:sequence minOccurs="0"&gt;                 &lt;xs:element ref="NextIntermediateDestination"/&gt;                 &lt;xs:element ref="PreviousResponsibleRU"/&gt;                 &lt;xs:element ref="NextResponsibleRU"/&gt;               &lt;/xs:sequence&gt;             &lt;/xs:sequence&gt;           &lt;/xs:complexType&gt;         &lt;/xs:element&gt;       &lt;xs:element name="EventLevelData"&gt; </pre>

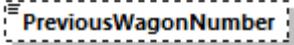
```
<xs:complexType>
  <xs:sequence>
    <xs:element ref="WagonEventInformation"/>
    <xs:element ref="VesselIndication" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="RollingStockDataset"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

## element WIMO\_Dataset/ConsignmentLevelData

diagram	<pre> classDiagram     class ConsignmentLevelData {         Customer         ConsignmentNumber         Goods         AgreedTimeOfDelivery         Destination         WagonInformation         ContractNumber         DangerousGoodsIndication         SpecialTreatments         PreviousWagonNumber         PreviousConsignmentNumber         NextIntermediateDestination         PreviousResponsibleRU         NextResponsibleRU     }     class Customer     class ConsignmentNumber     class Goods     class AgreedTimeOfDelivery     class Destination     class WagonInformation     class ContractNumber     class DangerousGoodsIndication     class SpecialTreatments     class PreviousWagonNumber     class PreviousConsignmentNumber     class NextIntermediateDestination     class PreviousResponsibleRU     class NextResponsibleRU      ConsignmentLevelData "1..2" Customer     ConsignmentLevelData "1..2" ConsignmentNumber     ConsignmentLevelData "1..2" Goods     ConsignmentLevelData "1..2" AgreedTimeOfDelivery     ConsignmentLevelData "1..2" Destination     ConsignmentLevelData "1..2" WagonInformation     ConsignmentLevelData "1..2" ContractNumber     ConsignmentLevelData "1..2" DangerousGoodsIndication     ConsignmentLevelData "1..2" SpecialTreatments     ConsignmentLevelData "1..2" PreviousWagonNumber     ConsignmentLevelData "1..2" PreviousConsignmentNumber     ConsignmentLevelData "1..2" NextIntermediateDestination     ConsignmentLevelData "1..2" PreviousResponsibleRU     ConsignmentLevelData "1..2" NextResponsibleRU   </pre> <p>The diagram illustrates the structure of the WIMO_Dataset/ConsignmentLevelData element. It consists of a central <b>ConsignmentLevelData</b> object with various attributes and associations:</p> <ul style="list-style-type: none"> <li><b>Customer</b>: Consignor or Consignee, multiplicity 1..2.</li> <li><b>ConsignmentNumber</b>: Reference number assigned to a consignment by a lead RU, multiplicity 1..2.</li> <li><b>Goods</b>: Describes the goods inside the means of transport, multiplicity 1..2.</li> <li><b>AgreedTimeOfDelivery</b>: The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer..., multiplicity 1..2.</li> <li><b>Destination</b>: Destination Location, multiplicity 1..2.</li> <li><b>WagonInformation</b>: 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, multiplicity 1..2.</li> <li><b>ContractNumber</b>: Number of agreement between LeadRU and Responsible RU, multiplicity 1..2.</li> <li><b>DangerousGoodsIndication</b>: Identifies dangerous goods, multiplicity 1..2.</li> <li><b>SpecialTreatments</b>: Special treatment, multiplicity 1..2.</li> <li><b>PreviousWagonNumber</b>: This element shows the previous Reference number assigned to a consignment by a lead RU, multiplicity 1..2.</li> <li><b>PreviousConsignmentNumber</b>: This element shows the previous Reference number assigned to a consignment by a lead RU, multiplicity 1..2.</li> <li><b>NextIntermediateDestination</b>: Identifies next stopping point on the route of a train, multiplicity 1..2.</li> <li><b>PreviousResponsibleRU</b>: This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point, multiplicity 1..2.</li> <li><b>NextResponsibleRU</b>: The RU who is responsible for the train operation on the next journey section, multiplicity 1..2.</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

properties	content complex
children	<a href="#">Customer</a> <a href="#">ConsignmentNumber</a> <a href="#">Goods</a> <a href="#">AgreedTimeOfDelivery</a> <a href="#">Destination</a> <a href="#">WagonInformation</a> <a href="#">ContractNumber</a> <a href="#">DangerousGoodsIndication</a> <a href="#">SpecialTreatments</a> <a href="#">PreviousWagonNumber</a> <a href="#">PreviousConsignmentNumber</a> <a href="#">NextIntermediateDestination</a> <a href="#">PreviousResponsibleRU</a> <a href="#">NextResponsibleRU</a>
source	<pre>&lt;xs:element name="ConsignmentLevelData"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Customer" maxOccurs="2"/&gt;       &lt;xs:element ref="ConsignmentNumber"/&gt;       &lt;xs:element ref="Goods"/&gt;       &lt;xs:element ref="AgreedTimeOfDelivery"/&gt;       &lt;xs:element ref="Destination"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="ContractNumber" minOccurs="0"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"/&gt;       &lt;xs:element ref="SpecialTreatments" minOccurs="0"/&gt;       &lt;xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/&gt;       &lt;xs:element ref="PreviousConsignmentNumber" minOccurs="0"/&gt;       &lt;xs:sequence minOccurs="0"&gt;         &lt;xs:element ref="NextIntermediateDestination"/&gt;         &lt;xs:element ref="PreviousResponsibleRU"/&gt;         &lt;xs:element ref="NextResponsibleRU"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WIMO\_Dataset/ConsignmentLevelData/PreviousWagonNumber**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	<a href="#">WagonIdent</a>									
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> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
source	<pre>&lt;xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/&gt;</pre>									

element **WIMO\_Dataset/EventLevelData**

diagram	<p><b>WagonEventInformation</b> + This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p><b>VesselIndication</b> + This element identifies to which extent the transportation unit is used</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">WagonEventInformation</a> <a href="#">VesselIndication</a>
source	<pre>&lt;xs:element name="EventLevelData"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonEventInformation"/&gt;       &lt;xs:element ref="VesselIndication" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **YardArrival**

diagram	<p><b>Location</b> + Identifies a Location using a LocationIdent</p> <p><b>ArrivalTimeAtLocationActual</b> + The actual arrival date and time at the defined location</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">ArrivalTimeAtLocationActual</a>
used by	element <a href="#">WagonYardArrivalMessage</a>
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>&lt;xs:element name="YardArrival"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="ArrivalTimeAtLocationActual"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **YardDeparture**

diagram	<pre> classDiagram     class YardDeparture     class Location     class DepartureTimeAtLocation      YardDeparture "1" -- "*" Location :      YardDeparture "1" -- "*" DepartureTimeAtLocation :    </pre>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a>
used by	element <a href="#">WagonYardDepartureMessage</a>
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> &lt;xs:element name="YardDeparture"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="DepartureTimeAtLocation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

complexType **CargoCodeType**

diagram	<pre> classDiagram     class CargoCodeType   </pre>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	extension of <a href="#">FreeText</a>									
properties	base FreeText									
facets	<table> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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 Identification of the Cargo and the nomenclature used									
source	<pre> &lt;xs:complexType name="CargoCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of the Cargo and the nomenclature used&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleContent&gt;   </pre>									

	<pre>&lt;xs:extension base="FreeText"/&gt; &lt;/xs:simpleContent&gt; &lt;/xs:complexType&gt;</pre>
--	--

complexType **CompositIdentifierOperationalType**

diagram	<pre> graph LR     Comp[CompositIdentifierOperationalType] --- Obj[ObjectType]     Comp --- Comp[Company]     Comp --- Core[Core]     Comp --- Var[Variant]     Comp --- Tim[TimetableYear]     Comp --- Start[StartDate]   </pre> <p>The diagram illustrates the structure of the <b>CompositIdentifierOperationalType</b>. It consists of a central box labeled <b>CompositIdentifierOperationalType</b> connected to six other boxes: <b>ObjectType</b>, <b>Company</b>, <b>Core</b>, <b>Variant</b>, <b>TimetableYear</b>, and <b>StartDate</b>. Each box contains a brief description of its purpose.</p> <ul style="list-style-type: none"> <li><b>ObjectType</b>: 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).</li> <li><b>Company</b>: Identifies a railway company (RU or IM).</li> <li><b>Core</b>: Is the main part of identifier and is determined by the company that creates it.</li> <li><b>Variant</b>: The variant shows a relationship between two identifiers referring to the same business case.</li> <li><b>TimetableYear</b>: Refers to the timetable period in which the business will be carried out.</li> <li><b>StartDate</b>: Is only used in the operational phase and refers to the date where the single train will start the train journey.</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
children	<a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a>
used by	elements <a href="#">RelatedTransportOperationalIdentifiers</a> <a href="#">TrainID</a> <a href="#">TransportOperationalIdentifiers</a>
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.
source	<pre> &lt;xs:complexType name="CompositIdentifierOperationalType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="ObjectType"/&gt;   </pre>

	<pre> &lt;xs:element ref="Company"/&gt; &lt;xs:element ref="Core"/&gt; &lt;xs:element ref="Variant"/&gt; &lt;xs:element ref="TimetableYear"/&gt; &lt;xs:element ref="StartDate"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Is only used in the operational phase and refers to the date where the single train will start the train journey&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
--	--

complexType **CompositIdentifierPlannedType**

diagram	<pre> classDiagram     class CompositIdentifierPlannedType {         &lt;&lt;Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.&gt;&gt;     }     class ObjectType     class Company     class Core     class Variant     class TimetableYear     class StartDate      CompositIdentifierPlannedType "1" -- "1" :&gt; ObjectType     CompositIdentifierPlannedType "1" -- "1" :&gt; Company     CompositIdentifierPlannedType "1" -- "1" :&gt; Core     CompositIdentifierPlannedType "1" -- "1" :&gt; Variant     CompositIdentifierPlannedType "1" -- "1" :&gt; TimetableYear     CompositIdentifierPlannedType "1" -- "1" :&gt; StartDate </pre> <p>The diagram illustrates the structure of the <b>CompositIdentifierPlannedType</b>. It is a composite type consisting of six elements: <b>ObjectType</b>, <b>Company</b>, <b>Core</b>, <b>Variant</b>, <b>TimetableYear</b>, and <b>StartDate</b>. Each element is represented by a rectangular box with a small icon in the top-left corner.</p> <ul style="list-style-type: none"> <li><b>ObjectType</b>: 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).</li> <li><b>Company</b>: Identifies a railway company (RU or IM).</li> <li><b>Core</b>: It is the main part of identifier and is determined by the company that creates it.</li> <li><b>Variant</b>: The variant shows a relationship between two identifiers referring to the same business case.</li> <li><b>TimetableYear</b>: Refers to the timetable period in which the business will be carried out.</li> <li><b>StartDate</b>: The start of the date/time in effect.</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
children	<a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a>
used by	elements <a href="#">AssociatedAttachedTrainID</a> <a href="#">PlannedTransportIdentifiers</a> <a href="#">RelatedPlannedTransportIdentifiers</a>
annotation	<p>documentation</p> <p>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p>

source	<pre>&lt;xs:complexType name="CompositeIdentifierPlannedType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="ObjectType"/&gt;     &lt;xs:element ref="Company"/&gt;     &lt;xs:element ref="Core"/&gt;     &lt;xs:element ref="Variant"/&gt;     &lt;xs:element ref="TimetableYear"/&gt;     &lt;xs:element ref="StartDate" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
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complexType **ConsignmentIdent**

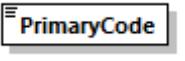
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	extension of <b>xs:string</b>
properties	base <b>xs:string</b>
used by	elements <b>ConsignmentNumber PreviousConsignmentNumber</b>
annotation	documentation Identifies a waybill by its number and type
source	<pre>&lt;xs:complexType name="ConsignmentIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies a waybill by its number and type&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleContent&gt;     &lt;xs:extension base="xs:string"/&gt;   &lt;/xs:simpleContent&gt; &lt;/xs:complexType&gt;</pre>

complexType **CustomerCode**

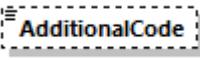
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	<b>CountryCodeISO PrimaryCode AdditionalCode</b>

used by	element <a href="#">Customer</a>
annotation	documentation Identifies the railway customer
source	<pre>&lt;xs:complexType name="CustomerCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the railway customer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;xs:element name="PrimaryCode" type="String1-14"/&gt;     &lt;xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

element **CustomerCode/PrimaryCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">String1-14</a>									
properties	content simple									
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>14</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<pre>&lt;xs:element name="PrimaryCode" type="String1-14"/&gt;</pre>									

element **CustomerCode/AdditionalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">String1-7</a>									
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></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>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>&lt;xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/&gt;</pre>									

complexType **DanGoodsType**

diagram	<pre> classDiagram     class DanGoodsType {         &lt;&lt;This element indicates the type of a dangerous load&gt;&gt;     }     class HazardIdentificationNumber     class UN_Number     class DangerLabel {         &lt;&lt;0..5&lt;&gt;&gt;         &lt;&lt;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).&gt;&gt;     }     class RID_Class     class PackingGroup     class DangerousGoodsWeight {         &lt;&lt;The weight of the dangerous goods in Kilograms&gt;&gt;     }     class DangerousGoodsVolume {         &lt;&lt;The volume of the dangerous goods in cubic meters&gt;&gt;     }     class LimitedQuantityIndicator     DanGoodsType --&gt; HazardIdentificationNumber     DanGoodsType --&gt; UN_Number     DanGoodsType --&gt; DangerLabel     DanGoodsType --&gt; RID_Class     DanGoodsType --&gt; PackingGroup     DanGoodsType --&gt; DangerousGoodsWeight     DanGoodsType --&gt; DangerousGoodsVolume     DanGoodsType --&gt; LimitedQuantityIndicator   </pre> <p>This element indicates the type of a dangerous load</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

children	<a href="#">HazardIdentificationNumber</a> <a href="#">UN Number</a> <a href="#">DangerLabel</a> <a href="#">RID Class</a> <a href="#">PackingGroup</a> <a href="#">DangerousGoodsWeight</a> <a href="#">DangerousGoodsVolume</a> <a href="#">LimitedQuantityIndicator</a>
used by	element <a href="#">DangerousGoodsIndication</a>
annotation	documentation This element indicates the type of a dangerous load
source	<pre> &lt;xs:complexType name="DanGoodsType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element indicates the type of a dangerous load&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="HazardIdentificationNumber" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;This refers to RID 3.2 Table A. Definitions are 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.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:minLength value="2"/&gt;           &lt;xs:maxLength value="4"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="UN_Number" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="4"/&gt;           &lt;xs:pattern value="\d*[1-9]\d*"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/&gt;     &lt;xs:element name="RID_Class" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:minLength value="1"/&gt;           &lt;xs:maxLength value="4"/&gt;           &lt;xs:enumeration value="1"&gt;             &lt;xs:annotation&gt;               &lt;xs:documentation&gt;Explosive materials, divisions 1.1, 1.2 and 1.3&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;           &lt;/xs:enumeration&gt;           &lt;xs:enumeration value="1.4"&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

	<pre>&lt;xs:annotation&gt;     &lt;xs:documentation&gt;Explosive materials, division 1.4&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1.5"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Explosive materials, division 1.5&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1.6"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Explosive materials, division 1.6&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2.1"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Flammable gases&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2.2"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Non-flammable, non-toxic gases&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2.3"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Toxic gases&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="3"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Flammable liquids&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.1"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Flammable solids , self-reactive substances and solid desensitized explosives&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.2"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Substances liable to spontaneous combustion&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.3"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Substances which, in contact with water, emit flammable gases&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5.1"&gt;     &lt;xs:annotation&gt;</pre>
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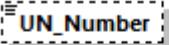
```
        <xs:documentation>Oxidizing substances</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5.2">
        <xs:annotation>
            <xs:documentation>Organic peroxides</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration 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><code>minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</code></pre>
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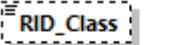
element **DanGoodsType/HazardIdentificationNumber**

diagram	 <p>This refers to RID 3.2 Table A. Definitions are 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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
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> <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>4</td><td></td></tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
annotation	<p>documentation</p> <p>This refers to RID 3.2 Table A. Definitions are 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>									
source	<pre><code>&lt;xs:element name="HazardIdentificationNumber" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;This refers to RID 3.2 Table A. Definitions are 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.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="2"/&gt;             &lt;xs:maxLength value="4"/&gt;         &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</code></pre>									

element **DanGoodsType/UN\_Number**

diagram	 <b>UN_Number</b>  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".
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
used by	element <a href="#">SummaryOfGoodsWithSameRID</a>
facets	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 &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
source	<pre>&lt;xs:element name="UN_Number" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"     .&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="4"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **DanGoodsType/RID\_Class**

diagram	 <b>RID_Class</b>  The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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		<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>&lt;xs:documentation&gt;Explosive materials, division 1.4&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1.5"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Explosive materials, division 1.5&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1.6"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Explosive materials, division 1.6&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2.1"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Flammable gases&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2.2"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Non-flammable, non-toxic gases&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2.3"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Toxic gases&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="3"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Flammable liquids&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.1"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Flammable solids , self-reactive substances and solid desensitized explosives&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.2"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Substances liable to spontaneous combustion&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.3"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Substances which, in contact with water, emit flammable gases&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5.1"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Oxidizing substances&lt;/xs:documentation&gt;</pre>
--	---

	<pre> &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5.2"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Organic peroxides&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6.1"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Toxic substances&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6.2"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Infectious substances&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Radioactive material&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Corrosive substances&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Miscellaneous dangerous substances and articles&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9A"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Same as 9 but for Battery Group.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **DanGoodsType/DangerousGoodsVolume**

diagram	 <p>The volume of the dangerous goods in cubic meters</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<a href="#">VolumeValue</a>
properties	minOcc 0 maxOcc 1 content simple
used by	element <a href="#">SummaryOfGoodsWithSameRID</a>

annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre>&lt;xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The volume of the dangerous goods in cubic     meters&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element DanGoodsType/LimitedQuantityIndicator**

diagram	<p>LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
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>&lt;xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicator for labelled dangerous goods in limited     quantity according to chapter 3.-4 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**complexType DimensionValue**

diagram	<p>DimensionValue Measurement Values of Length, Height and Width</p> <ul style="list-style-type: none"> <li>Length</li> <li>Height</li> <li>Width</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
children	<a href="#">Length</a> <a href="#">Height</a> <a href="#">Width</a>
annotation	documentation Measurement Values of Length, Height and Width
source	<pre>&lt;xs:complexType name="DimensionValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measurement Values of Length, Height and     Width&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="Length"/&gt;</pre>

	<pre>&lt;xs:element ref="Height"/&gt; &lt;xs:element ref="Width"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
children	<a href="#">TypeOfLoadUnit</a> <a href="#">LoadUnitNumber</a>
used by	element <a href="#">WagonData/IntermodalTransportData</a>
annotation	<p>documentation</p> <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>
source	<pre>&lt;xs:complexType name="IntermodalTransportDataType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/&gt;     &lt;xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

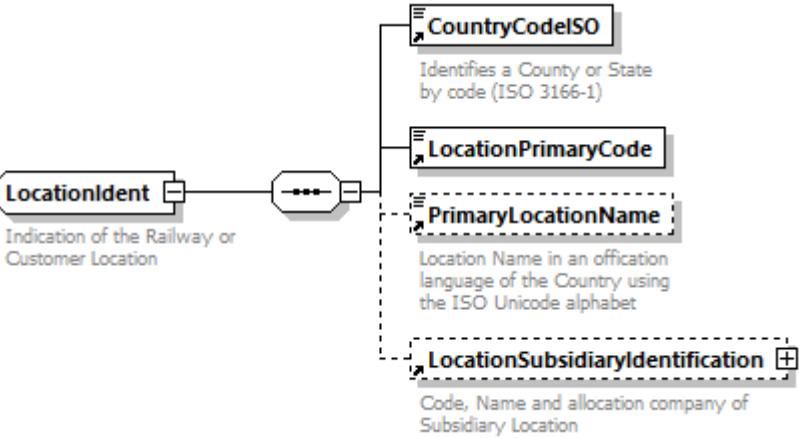
element **IntermodalTransportDataType/TypeOfLoadUnit**

diagram																			
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																		
type	<a href="#">TypeOfLoadUnitType</a>																		
properties	content simple																		
facets	<table> <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																	
source	<pre>&lt;xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/&gt;</pre>																		

element **IntermodalTransportDataType/LoadUnitNumber**

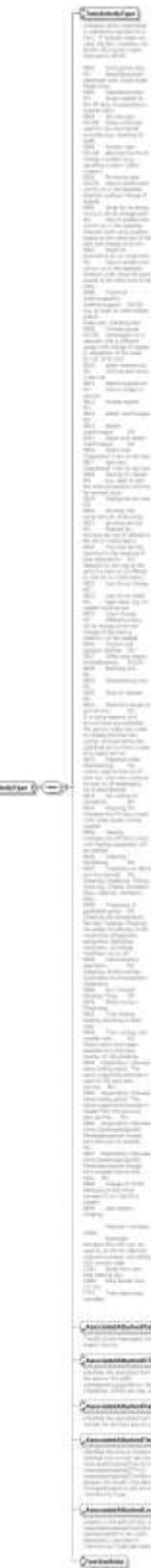
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">LoadUnitNumberType</a>
properties	content simple
facets	Kind whiteSpace Value replace Annotation pattern [A-Za-z0-9]{11}
source	<xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/>

complexType **LocationIdent**

diagram	 <p>Indication of the Railway or Customer Location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	<p>elements</p> <ul style="list-style-type: none"> <li><a href="#">TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation</a></li> <li><a href="#">AssociatedAttachedLocationIdent DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination</a></li> <li><a href="#">ConsignmentOrderMessage/COMS/COM/RU Declarations/DifferentAcceptance/DifferentAcceptancePoint</a></li> <li><a href="#">ConsignmentOrderMessage/COMS/COM/ChargingSections/End EndLocation</a></li> <li><a href="#">AffectedSection/EndOfSection IntermediateDestination JourneySectionDestination</a></li> <li><a href="#">JourneySectionOrigin Location ActualTrack PlannedTrack</a></li> <li><a href="#">NetworkProjectedLocation/NextLocation Notes/NoteLocationIdent</a></li> <li><a href="#">ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo</a></li> <li><a href="#">TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation</a></li> <li><a href="#">ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom</a></li> <li><a href="#">ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo</a></li> <li><a href="#">ConsignmentOrderMessage/COMS/COM/ChargingSections/Start StartLocation</a></li> <li><a href="#">AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint</a></li> </ul>
annotation	documentation Indication of the Railway or Customer Location
source	<pre>&lt;xs:complexType name="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication of the Railway or Customer</pre>

	<pre>Location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;xs:element ref="LocationPrimaryCode"/&gt;     &lt;xs:element ref="PrimaryLocationName" minOccurs="0"/&gt;     &lt;xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
--	--

complexType **TrainActivityType**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
children	<a href="#"><b>TrainActivityType</b></a> <a href="#"><b>AssociatedAttachedTrainID</b></a> <a href="#"><b>AssociatedAttachedOTN</b></a> <a href="#"><b>AssociatedAttachedTrainServiceNumber</b></a>

	<a href="#"><b>AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField</b></a>
used by	element <a href="#"><b>TrainActivity</b></a>
source	<pre>&lt;xs:complexType name="TrainActivityType"&gt;   &lt;xss:sequence&gt;     &lt;xs:element ref="TrainActivityType" /&gt;     &lt;xs:element ref="AssociatedAttachedTrainID" minOccurs="0" /&gt;     &lt;xs:element ref="AssociatedAttachedOTN" minOccurs="0" /&gt;     &lt;xs:element ref="AssociatedAttachedTrainServiceNumber" minOccurs="0" /&gt;     &lt;xs:element ref="AssociatedAttachedTimingAtLocation" minOccurs="0" /&gt;     &lt;xs:element ref="AssociatedAttachedLocationIdent" minOccurs="0" /&gt;     &lt;xs:element ref="FreeTextField" minOccurs="0" /&gt;   &lt;/xss:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType **WagonTelematics**

diagram	<p><b>WagonTelematics</b></p> <p><b>TelematicsOnBoard</b> Indication if wagon is equipped with a telematics device.</p> <p><b>TelematicsDevice</b> [+] 0..∞ Detailed information about a specific telematics device.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
children	<a href="#"><b>TelematicsOnBoard TelematicsDevice</b></a>
used by	element <a href="#"><b>RollingStockDataset/DesignDataSet/WagonTelematics</b></a>
source	<pre>&lt;xs:complexType name="WagonTelematics"&gt;   &lt;xss:sequence&gt;     &lt;xs:element name="TelematicsOnBoard" type="xs:boolean"&gt;       &lt;xss:annotation&gt;         &lt;xs:documentation xml:lang="en"&gt;Indication if wagon is equipped with a telematics device.&lt;/xs:documentation&gt;       &lt;/xss:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xss:annotation&gt;         &lt;xs:documentation xml:lang="en"&gt;Detailed information about a specific telematics device.&lt;/xs:documentation&gt;       &lt;/xss:annotation&gt;       &lt;xs:complexType&gt;         &lt;xss:sequence&gt;           &lt;xs:element name="DeviceType"&gt;             &lt;xss:annotation&gt;               &lt;xs:documentation xml:lang="en"&gt;Specification of type of telematics device.&lt;/xs:documentation&gt;             &lt;/xss:annotation&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:enumeration value="Telematics Unit"/&gt;                 &lt;xs:enumeration value="Sensor"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:element&gt;         &lt;/xss:sequence&gt;       &lt;/xs:complexType&gt;     &lt;/xs:element&gt;   &lt;/xss:sequence&gt; &lt;/xs:complexType&gt;</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">
                <xsmaxLength 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 IIIIC T135°C Db.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xsmaxLength value="50"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### element WagonTelematics/TelematicsOnBoard

diagram	 <p>Indication if wagon is equipped with a telematics device.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Indication if wagon is equipped with a telematics device.
source	<pre> &lt;xs:element name="TelematicsOnBoard" type="xs:boolean"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation xml:lang="en"&gt;Indication if wagon is equipped with a telematics device.&lt;/xs:documentation&gt;     </pre>

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

element **WagonTelematics/TelematicsDevice**

diagram	<pre> classDiagram     class TelematicsDevice {         &lt;&lt;0..∞&gt;&gt;     }     class DeviceType {         &lt;&lt;Specification of type of telematics device.&gt;&gt;     }     class ComponentMounted {         &lt;&lt;Indication of the component to which the telematics unit is attached.&gt;&gt;     }     class MountedPosition {         &lt;&lt;Indication of where the telematics unit is located on the component.&gt;&gt;         &lt;&lt;0..∞&gt;&gt;     }     class ManufacturerName {         &lt;&lt;Name of the manufacturer of the telematics device.&gt;&gt;     }     class ATEXCertified {         &lt;&lt;Indication if the telematics device is ATEX certified.&gt;&gt;     }     class ATEXLevel {         &lt;&lt;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.&gt;&gt;         &lt;&lt;0..2&gt;&gt;     }      TelematicsDevice "0..∞" --&gt; DeviceType     TelematicsDevice "0..∞" --&gt; ComponentMounted     TelematicsDevice "0..∞" --&gt; MountedPosition     TelematicsDevice "0..∞" --&gt; ManufacturerName     TelematicsDevice "0..∞" --&gt; ATEXCertified     TelematicsDevice "0..∞" --&gt; ATEXLevel   </pre> <p>Detailed information about a specific telematics device.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">DeviceType</a> <a href="#">ComponentMounted</a> <a href="#">MountedPosition</a> <a href="#">ManufacturerName</a> <a href="#">ATEXCertified</a> <a href="#">ATEXLevel</a>
annotation	<p>documentation</p> <p>Detailed information about a specific telematics device.</p>
source	<pre> &lt;xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Detailed information about a specific telematics device.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DeviceType"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation xml:lang="en"&gt;Specification of type of telematics device.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

```
<xs:restriction base="xs:string">
    <xs:enumeration value="Telematics Unit"/>
    <xs:enumeration value="Sensor"/gt;
</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"/gt;
            <xs:enumeration value="Tank"/gt;
            <xs:enumeration value="End wall"/gt;
            <xs:enumeration value="Side wall"/gt;
            <xs:enumeration value="Marking plate"/gt;
            <xs:enumeration value="Frame"/gt;
            <xs:enumeration value="Headstock"/gt;
            <xs:enumeration value="Saddle plate"/gt;
            <xs:enumeration value="Longitudinal beam"/gt;
            <xs:enumeration value="Latitudinal beam"/gt;
            <xs:enumeration value="Hitch"/gt;
            <xs:enumeration value="Bogie"/gt;
            <xs:enumeration value="Axe"/gt;
            <xs:enumeration value="Axe box"/gt;
            <xs:enumeration value="Lift off protection"/gt;
            <xs:enumeration value="Brake system"/gt;
            <xs:enumeration value="Brake blocks"/gt;
            <xs:enumeration value="Air pipes"/gt;
            <xs:enumeration value="Brake valves"/gt;
        </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"/gt;
            <xs:enumeration value="Top"/gt;
            <xs:enumeration value="Bottom"/gt;
            <xs:enumeration value="Inside"/gt;
            <xs:enumeration value="Left"/gt;
            <xs:enumeration value="Right"/gt;
            <xs:enumeration value="Center"/gt;
            <xs:enumeration value="Below isolation"/gt;
            <xs:enumeration value="Hand brake end"/gt;
            <xs:enumeration value="Non brake end"/gt;
            <xs:enumeration value="1"/gt;
            <xs:enumeration value="2"/gt;
            <xs:enumeration value="3"/gt;
            <xs:enumeration value="4"/gt;
            <xs:enumeration value="5"/gt;
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

	<pre> &lt;xs:enumeration value="6"/&gt; &lt;xs:enumeration value="7"/&gt; &lt;xs:enumeration value="8"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ManufacturerName" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation xml:lang="en"&gt;Name of the manufacturer of the telematics device.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:maxLength value="255"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation xml:lang="en"&gt;Indication if the telematics device is ATEX certified.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"&gt; &lt;xs:annotation&gt; &lt;xs:documentation xml:lang="en"&gt;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.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:maxLength value="50"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **WagonTelematics/TelematicsDevice/DeviceType**

diagram	 <b>DeviceType</b> Specification of type of telematics device.									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:string</b>									
properties	content simple									
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>Telematics Unit</td> <td></td> </tr> <tr> <td></td> <td>Sensor</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	Telematics Unit			Sensor	
Kind	Value	Annotation								
enumeration	Telematics Unit									
	Sensor									
annotation	documentation Specification of type of telematics device.									
source	<b>&lt;xs:element name="DeviceType"&gt;</b>									

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation xml:lang="en"&gt;Specification of type of telematics device.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="Telematics Unit"/&gt;     &lt;xs:enumeration value="Sensor"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **WagonTelematics/TelematicsDevice/ComponentMounted**

diagram	 <p>Indication of the component to which the telematics unit is attached.</p>																																																												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																												
type	restriction of <b>xs:string</b>																																																												
properties	minOcc 0 maxOcc 1 content simple																																																												
facets	<table> <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	
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enumeration	Brake valves																																																												
annotation	<p>documentation</p> <p>Indication of the component to which the telematics unit is attached.</p>																																																												
source	<pre> &lt;xs:element name="ComponentMounted" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Indication of the component to which the telematics unit is attached.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>																																																												

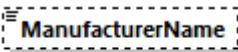
	<pre> &lt;xs:restriction base="xs:string"&gt;   &lt;xs:enumeration value="Superstructure"/&gt;   &lt;xs:enumeration value="Tank"/&gt;   &lt;xs:enumeration value="End wall"/&gt;   &lt;xs:enumeration value="Side wall"/&gt;   &lt;xs:enumeration value="Marking plate"/&gt;   &lt;xs:enumeration value="Frame"/&gt;   &lt;xs:enumeration value="Headstock"/&gt;   &lt;xs:enumeration value="Saddle plate"/&gt;   &lt;xs:enumeration value="Longitudinal beam"/&gt;   &lt;xs:enumeration value="Latitudinal beam"/&gt;   &lt;xs:enumeration value="Hitch"/&gt;   &lt;xs:enumeration value="Bogie"/&gt;   &lt;xs:enumeration value="Axe"/&gt;   &lt;xs:enumeration value="Axe box"/&gt;   &lt;xs:enumeration value="Lift off protection"/&gt;   &lt;xs:enumeration value="Brake system"/&gt;   &lt;xs:enumeration value="Brake blocks"/&gt;   &lt;xs:enumeration value="Air pipes"/&gt;   &lt;xs:enumeration value="Brake valves"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **WagonTelematics/TelematicsDevice/MountedPosition**

diagram	<p><b>MountedPosition</b> 0..∞ Indication of where the telematics unit is located on the component.</p>																																																
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																
type	restriction of <b>xs:string</b>																																																
properties	minOcc 0 maxOcc unbounded content simple																																																
facets	<table> <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																																																
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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>&lt;xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Indication of where the telematics unit is located on the component.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="Side"/&gt;       &lt;xs:enumeration value="Top"/&gt;       &lt;xs:enumeration value="Bottom"/&gt;       &lt;xs:enumeration value="Inside"/&gt;       &lt;xs:enumeration value="Left"/&gt;       &lt;xs:enumeration value="Right"/&gt;       &lt;xs:enumeration value="Center"/&gt;       &lt;xs:enumeration value="Below isolation"/&gt;       &lt;xs:enumeration value="Hand brake end"/&gt;       &lt;xs:enumeration value="Non brake end"/&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;       &lt;xs:enumeration value="3"/&gt;       &lt;xs:enumeration value="4"/&gt;       &lt;xs:enumeration value="5"/&gt;       &lt;xs:enumeration value="6"/&gt;       &lt;xs:enumeration value="7"/&gt;       &lt;xs:enumeration value="8"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WagonTelematics/TelematicsDevice/ManufacturerName**

diagram	 <p>Name of the manufacturer of the telematics device.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="ManufacturerName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Name of the manufacturer of the telematics device.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

	<pre>&lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="255"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

element **WagonTelematics/TelematicsDevice/ATEXCertified**

diagram	 <p>Indication if the telematics device is ATEX certified.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if the telematics device is ATEX certified.
source	<pre>&lt;xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Indication if the telematics device is ATEX certified.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **WagonTelematics/TelematicsDevice/ATEXLevel**

diagram	 <p>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.</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="50"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	--

**simpleType CommunicationRefID**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
used by	elements <a href="#">eMail</a> <a href="#">FaxNumber</a> <a href="#">PhoneNumber</a> <a href="#">TrainContactDetails</a>									
facets	<table> <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>70</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	<p>documentation</p> <p>Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)</p>									
source	<pre> &lt;xs:simpleType name="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="70"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType CompanyCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">String4-4</a>
properties	base String4-4
used by	<p>elements</p> <p><a href="#">AllocationCompany</a> <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode</a>  <a href="#">Wagons/WagonDetails/Examination/CarrierCode</a>  <a href="#">Wagons/WagonDetails/FormalReports/CarrierCode</a> <a href="#">Company CoordinatingIM</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU Declaration/DeclaringRU IM Partner ImpactedRU</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode LeadRU</a>  <a href="#">NextResponsibleRU PreviousResponsibleRU</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/Header/ReceivingRU Recipient ResponsibleApplicant</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode ResponsibleIM</a>  <a href="#">ResponsibleRU RU Partner</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode Sender</a> <a href="#">ConsignmentOrderMessage/COMS/COM/Header/SendingRU</a>  <a href="#">TrafficType/TrafficTypeNetwork TransfereeIM</a></p>

facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Identifies the RU, IM or other company involved in the Rail Transport Chain
source	<pre>&lt;xs:simpleType name="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the RU, IM or other company involved in the Rail Transport Chain&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="String4-4"&gt;     &lt;xs:pattern value="[0-9A-Z]{4}" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType CountryIdentISO**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	element <a href="#">Customers/Country</a> <a href="#">ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode</a> <a href="#">ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode</a> <a href="#">ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode</a> <a href="#">CountryCodeISO</a> <a href="#">ILU Details/DepartureCountry</a> <a href="#">ITU Details/DepartureCountry</a> <a href="#">RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry</a> <a href="#">RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries</a> <a href="#">OriginCountry</a> <a href="#">RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry</a> <a href="#">RollingStockDataset/AdministrativeDataSet/RegistrationCountry</a> <a href="#">UltimateDestinationCountry</a>
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO 3166-1 alpha code (2 positions)
source	<pre>&lt;xs:simpleType name="CountryIdentISO"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO 3166-1 alpha code (2 positions)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="2"/&gt;     &lt;xs:maxLength value="2"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType CurrencyCode\_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	base xs:string

used by	elements	<a href="#">ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode</a> <a href="#">ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode</a> <a href="#">ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode</a> <a href="#">ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode</a>
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]	
annotation	documentation CODE: ISO Currency code (ISO-4217)	
source	<pre>&lt;xs:simpleType name="CurrencyCode_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;CODE: ISO Currency code (ISO-4217)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:pattern value="[A-Z][A-Z][A-Z]" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	

**simpleType DeltaTime**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">xs:string</a>
properties	base xs:string
used by	elements <a href="#">AgainstBooked</a> <a href="#">AgainstReferenced</a>
facets	Kind Value Annotation length 5
annotation	documentation Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric
source	<pre>&lt;xs:simpleType name="DeltaTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="5" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType DerailmentDetectionDevice**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">xs:string</a>
properties	base xs:string
used by	element <a href="#">RollingStockDataset/DesignDataSet/DerailmentDetectionDevice</a>
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
annotation	documentation Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device.

	<p>The following values are defined:</p> <p>EDT 101 MDV 100 Non coded device</p>
source	<pre>&lt;xs:simpleType name="DerailmentDetectionDevice"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device.</pre> <p>The following values are defined:</p> <p>EDT 101 MDV 100 Non coded device</p> <pre>&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:enumeration value="EDT 101"/&gt;   &lt;xs:enumeration value="MDV 100"/&gt;   &lt;xs:enumeration value="Non coded device"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType EquipmentNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4											
type	restriction of <b>xs:string</b>											
properties	base xs:string											
used by	elements <a href="#">GoodsInWagon/ContainerNumber ITU Details/Number</a>											
facets	<table> <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>13</td> <td></td> </tr> </table>			Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation										
minLength	1											
maxLength	13											
annotation	documentation Number of ITU											
source	<pre>&lt;xs:simpleType name="EquipmentNumberType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of ITU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="13"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>											

**simpleType EquipmentTypeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4								
type	restriction of <b>xs:token</b>								
properties	base xs:token								
used by	element <a href="#">ITU Type</a>								
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>cn</td> <td>documentation Container</td> </tr> </table>			Kind	Value	Annotation	enumeration	cn	documentation Container
Kind	Value	Annotation							
enumeration	cn	documentation Container							

	enumeration sw documentation swap body enumeration te documentation Trailer (RollingRoad)
annotation	documentation Type of equipment
source	<pre>&lt;xs:simpleType name="EquipmentTypeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of equipment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="cn"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Container&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="sw"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;swap body&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="te"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Trailer (RollingRoad)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType ForwardingRestrictionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																								
type	restriction of <b>xs:token</b>																																																								
properties	base xs:token																																																								
facets	<table> <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> <tr><td>enumeration</td><td>70</td><td></td></tr> <tr><td>enumeration</td><td>71</td><td></td></tr> <tr><td>enumeration</td><td>92</td><td></td></tr> <tr><td>enumeration</td><td>94</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		enumeration	70		enumeration	71		enumeration	92		enumeration	94	
Kind	Value	Annotation																																																							
enumeration	07																																																								
enumeration	08																																																								
enumeration	09																																																								
enumeration	11																																																								
enumeration	12																																																								
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enumeration	70																																																								
enumeration	71																																																								
enumeration	92																																																								
enumeration	94																																																								

	enumeration
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>&lt;xs:simpleType name="ForwardingRestrictionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="07"/&gt;     &lt;xs:enumeration value="08"/&gt;     &lt;xs:enumeration value="09"/&gt;     &lt;xs:enumeration value="11"/&gt;     &lt;xs:enumeration value="12"/&gt;     &lt;xs:enumeration value="13"/&gt;     &lt;xs:enumeration value="15"/&gt;     &lt;xs:enumeration value="16"/&gt;     &lt;xs:enumeration value="41"/&gt;     &lt;xs:enumeration value="42"/&gt;     &lt;xs:enumeration value="61"/&gt;     &lt;xs:enumeration value="62"/&gt;     &lt;xs:enumeration value="63"/&gt;     &lt;xs:enumeration value="70"/&gt;     &lt;xs:enumeration value="71"/&gt;     &lt;xs:enumeration value="92"/&gt;     &lt;xs:enumeration value="94"/&gt;     &lt;xs:enumeration value="" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType FreeText**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:string</b>		
properties	base    xs:string		
used by	elements <a href="#">AdditionalInstruction</a> <a href="#">Address</a> <a href="#">Comments</a> <a href="#">ContractNumberMovement</a> <a href="#">InterruptionPoint/DetailedDescriptionOfLocation</a> <a href="#">FreeTextField</a> <a href="#">GoodsDescription</a> <a href="#">HandlingInstruction</a> <a href="#">InternalReferenceIdentifier</a> <a href="#">InterruptionDescription</a> <a href="#">LocationSubsidiaryName</a> <a href="#">MessageIdentifier</a> <a href="#">ErrorMessage/ErrorCauseReference/MessageSenderReference</a> <a href="#">Name</a> <a href="#">Notes/Note</a> <a href="#">PrimaryLocationName</a> <a href="#">RelatedIdentifier</a> <a href="#">RelatedSenderReference</a> <a href="#">Remarks</a> <a href="#">RouteInformation</a> <a href="#">SenderReference</a> <a href="#">TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription</a> <a href="#">TransportInstruction</a> <a href="#">NetworkSpecificParameter/Value</a> <a href="#">CargoCodeType</a>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
annotation	documentation Clear Text in ISO Unicode character set		
source	<pre>&lt;xs:simpleType name="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Clear Text in ISO Unicode character</pre>		

	<pre>set&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="255"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
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**simpleType LoadUnitNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
used by	elements <a href="#">ILU_Details/LoadUnitNumber_IntermodalTransportDataType/LoadUnitNumber</a>									
facets	<table> <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	<p>documentation</p> <p>The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit</p>									
source	<pre>&lt;xs:simpleType name="LoadUnitNumberType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:whiteSpace value="replace"/&gt;     &lt;xs:pattern value="[A-Za-z0-9]{11}"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType Money\_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:decimal</b>									
properties	base xs:decimal									
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount</a> <a href="#">ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount</a> <a href="#">ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount</a> <a href="#">ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid</a> <a href="#">ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid</a> <a href="#">ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred</a> <a href="#">ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred</a>									
facets	<table> <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	<p>documentation</p> <p>Type for all payments</p>									
source	<pre>&lt;xs:simpleType name="Money_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type for all payments&lt;/xs:documentation&gt;</pre>									

	<pre> &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:decimal"&gt;   &lt;xs:totalDigits value="18"/&gt;   &lt;xs:fractionDigits value="2"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
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**simpleType Name**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	element <a href="#">VesselName</a>
facets	Kind Value Annotation maxLength 254
annotation	documentation Name in Free Text
source	<pre> &lt;xs:simpleType name="Name"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name in Free Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="254"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType NHMCodeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	elements <a href="#">NHM Code ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode</a> <a href="#">Goods/PreviousLoadedGood Wagons/GoodsInWagon/PreviousLoadedGood</a>
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation NHM Code
source	<pre> &lt;xs:simpleType name="NHMCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;NHM Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="6"/&gt;     &lt;xs:pattern value="\d*[1-9]\d*"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType Numeric1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:positiveInteger</b>		
properties	base xs:positiveInteger		
used by	elements <a href="#">RollingStockDataset/DesignDataSet/BogiePivotPitch</a> <a href="#">RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen</a> <a href="#">RollingStockDataset/DesignDataSet/InnerWheelbase_LocationPrimaryCode</a> <a href="#">RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory</a>		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
source	<pre>&lt;xs:simpleType name="Numeric1-5"&gt;   &lt;xs:restriction base="xs:positiveInteger"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="99999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType Numeric1-6**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:int</b>		
properties	base xs:int		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
source	<pre>&lt;xs:simpleType name="Numeric1-6"&gt;   &lt;xs:restriction base="xs:int"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="999999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType Numeric2-2**

namespac e	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:integer</b>		
properties	base xs:integer		
used by	element s <a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody</a> <a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear</a> <a href="#">MessageRoutingID</a> <a href="#">RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType</a> <a href="#">AirBrake/NumberOfBrakes</a> <a href="#">WagonTechData/TechnicalRestrictions</a> <a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN</a> attribut e <a href="#">CI_InstanceNumber</a>		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	

source	<pre>&lt;xs:simpleType name="Numeric2-2"&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="01"/&gt;     &lt;xs:maxInclusive value="99"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
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**simpleType Numeric3-3**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:integer</b>									
properties	base xs:integer									
used by	elements <a href="#">AirBrake/LoadChangeDevice/AirBrakedMassLoaded</a> <a href="#">AirBrake/LoadChangeDevice/ChangeOverWeight</a> simpleType <a href="#">Speed</a>									
facets	<table> <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									
source	<pre>&lt;xs:simpleType name="Numeric3-3"&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="001"/&gt;     &lt;xs:maxInclusive value="999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType Numeric4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:integer</b>									
properties	base xs:integer									
used by	elements <a href="#">LengthOfSetOfCarriages</a> <a href="#">RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength</a>									
facets	<table> <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									
source	<pre>&lt;xs:simpleType name="Numeric4-4"&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="0001"/&gt;     &lt;xs:maxInclusive value="9999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType Percentage**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:float</b>
properties	base xs:float
used by	element <a href="#">NetworkProjectedLocation/ProportionOfDistanceBetweenLocations</a>

facets	Kind Value Annotation minInclusive 0 maxInclusive 100
annotation	documentation decimal value between 0 and 100
source	<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>

**simpleType Speed**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<a href="#">Numeric3-3</a>
properties	base Numeric3-3
used by	elements <a href="#">GNSS</a> <a href="#">DynamicPosition</a> <a href="#">CurrentSpeed</a> <a href="#">HighestPlannedSpeed</a> <a href="#">PlannedSpeed</a> <a href="#">TrainMaxSpeed</a>
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Shown in Km/h
source	<xs:simpleType name="Speed"> <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation> <xs:restriction base="Numeric3-3"/> </xs:simpleType>

**simpleType String1-10**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <a href="#">xs:string</a>
properties	base xs:string
used by	element <a href="#">LocationSubsidiaryCode</a>
facets	Kind Value Annotation minLength 1 maxLength 10
source	<xs:simpleType name="String1-10"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10" fixed="false"/> </xs:restriction> </xs:simpleType>

**simpleType String1-14**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
used by	element <a href="#">CustomerCode/PrimaryCode</a>		
facets	Kind Value Annotation minLength 1 maxLength 14		
source	<pre>&lt;xs:simpleType name="String1-14"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="14"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType String1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
used by	element <a href="#">DelayMinutes</a>		
facets	Kind Value Annotation minLength 1 maxLength 5		
source	<pre>&lt;xs:simpleType name="String1-5"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="5"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType String1-7**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
used by	element <a href="#">CustomerCode/AdditionalCode</a>		
facets	Kind Value Annotation minLength 1 maxLength 7		
source	<pre>&lt;xs:simpleType name="String1-7"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="7"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

	</xs:simpleType>
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**simpleType String1-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	elements <a href="#">AssociatedAttachedOTN</a> <a href="#">AssociatedAttachedTrainServiceNumber</a> <a href="#">OperationalTrainNumber</a>
facets	Kind Value Annotation minLength 1 maxLength 8
source	<pre>&lt;xs:simpleType name="String1-8"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="8"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType String4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	simpleType <a href="#">CompanyCode</a>
facets	Kind Value Annotation minLength 4 maxLength 4
source	<pre>&lt;xs:simpleType name="String4-4"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="4"/&gt;     &lt;xs:maxLength value="4"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType String5-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of <b>xs:string</b>
properties	base xs:string
facets	Kind Value Annotation minLength 5 maxLength 5
source	<pre>&lt;xs:simpleType name="String5-5"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="5"/&gt;     &lt;xs:maxLength value="5"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

	<pre>&lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
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**simpleType String5-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
facets	<table> <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>&lt;xs:simpleType name="String5-8"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="5"/&gt;     &lt;xs:maxLength value="8"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType Time**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:time</b>
properties	base xs:time
annotation	documentation Time expressed in HH:MM:SS
source	<pre>&lt;xs:simpleType name="Time"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Time expressed in HH:MM:SS&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:time"/&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType VolumeValue**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	<b>xs:float</b>
properties	base xs:float
used by	elements <a href="#">DangerousGoodsVolume</a> <a href="#">Wagons/GoodInWagon/RID/DangerousGoodsVolume</a> <a href="#">DanGoodsType/DangerousGoodsVolume</a> <a href="#">Volume</a>
annotation	documentation Volume value of the load units by cbm
source	<pre>&lt;xs:simpleType name="VolumeValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Volume value of the load units by cbm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:float"/&gt; &lt;/xs:simpleType&gt;</pre>

simpleType **WagonIdent**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4	
type	restriction of <b>xs:string</b>	
properties	base xs:string	
used by	elements <a href="#">WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber</a> <a href="#">RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight</a> <a href="#">WagonNumberFreight ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight</a>	
facets	Kind	Value
	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>&lt;xs:simpleType name="WagonIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="12"/&gt;     &lt;xs:pattern value="[0-9]{12}" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	

simpleType **WeightValueKilo**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4	
type	restriction of <b>xs:integer</b>	
properties	base xs:integer	
used by	elements <a href="#">DangerousGoodsWeight GrossWeight MaxGrossWeight ILU Details/TareWeight</a> <a href="#">ITU Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle</a> <a href="#">TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty</a> <a href="#">Wagons/GoodsInWagon/RID/WeightNettoExplosiveMass</a>	
facets	Kind	Value
	minInclusive	0
	maxInclusive	999999
	whiteSpace	collapse
annotation	documentation In Kilograms	
source	<pre>&lt;xs:simpleType name="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;In Kilograms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="999999"/&gt;     &lt;xs:whiteSpace value="collapse"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	

	</xs:simpleType>
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**simpleType WeightValueTonne**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	base xs:int									
used by	elements <a href="#">TractionWeight</a> <a href="#">TrainWeight</a> <a href="#">WeightOfSetOfCarriages</a>									
facets	<table> <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>&lt;xs:simpleType name="WeightValueTonne"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;In Tonnes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:int"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="99999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**attribute CI\_InstanceNumber**

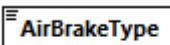
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	<a href="#">Numeric2-2</a>									
used by	elements <a href="#">Recipient</a> <a href="#">Sender</a>									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</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 a Common Interface Instance for the same Company									
source	<pre>&lt;xs:attribute name="CI_InstanceNumber" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of a Common Interface Instance for the same Company&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:attribute&gt;</pre>									

XML Schema documentation generated by [XMLSpy](#) Schema Editor <http://www.altova.com/xmlspy>**3. Schema taf\_cat\_codelists.xsd**schema location: [taf\\_cat\\_codelists.xsd](#)

attributeFormDefault: **unqualified**  
elementFormDefault: **qualified**  
targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.4>

Elements	Simple types	Attributes
<a href="#">AirBrakeType</a>	<a href="#">ConsignmentTypeCode</a>	<a href="#">LocationSubsidiaryTypeCode</a>
<a href="#">BrakeSpecialCharacteristics</a>	<a href="#">DelayCode</a>	<a href="#">TimingQualifierCode</a>
<a href="#">BrakeType</a>	<a href="#">InfoIndex</a>	
<a href="#">BrakingPowerVariationDevice</a>	<a href="#">MessageCode</a>	
<a href="#">CodeOfCause</a>	<a href="#">RestrictionCodes</a>	
<a href="#">CombinedTrafficLoadProfile</a>	<a href="#">RunningStatus</a>	
<a href="#">CommercialSpecificationCode</a>	<a href="#">TrainCC SystemCode</a>	
<a href="#">ConsignmentOrderType</a>	<a href="#">TypeOfIMHarmonizationCode</a>	
<a href="#">ConsignorDeclarationCode</a>	<a href="#">TypeOfInformationCode</a>	
<a href="#">CouplingType</a>	<a href="#">TypeOfLoadUnitType</a>	
<a href="#">CustomerType</a>	<a href="#">TypeOfRequestCode</a>	
<a href="#">DangerLabel</a>	<a href="#">TypeOfRUHarmonizationCode</a>	
<a href="#">EmptyPackingCode</a>	<a href="#">UnitType</a>	
<a href="#">HandBrakeType</a>		
<a href="#">ILU TypeDetail</a>		
<a href="#">IncotermCode</a>		
<a href="#">InfoOnGoodsShapeTypeDanger</a>		
<a href="#">InteropCapability</a>		
<a href="#">JourneyLocationTypeCode</a>		
<a href="#">LivestockOrPeopleIndicator</a>		
<a href="#">LoadTableStars</a>		
<a href="#">MessageStatus</a>		
<a href="#">MRN Type</a>		
<a href="#">NormalLoadingGauge</a>		
<a href="#">PackingGroup</a>		
<a href="#">PrepaidcodeCarrier</a>		
<a href="#">PrepaidCodeCustomer</a>		
<a href="#">ProcessType</a>		
<a href="#">ReasonOfReference</a>		
<a href="#">RefusalCode</a>		
<a href="#">RollingRoadUnitType</a>		
<a href="#">RouteClass</a>		
<a href="#">RU DeclarationCode</a>		
<a href="#">TractionMode</a>		
<a href="#">TractionType</a>		
<a href="#">TrainRadioSystem</a>		
<a href="#">TrainRunningInterruptionStatus</a>		
<a href="#">TrainType</a>		
<a href="#">TypeOfRemovableAccessories</a>		
<a href="#">TypeOfUsedHybridPowerunit</a>		
<a href="#">WheelSetTransformationMethod</a>		

element **AirBrakeType**

diagram	 <b>AirBrakeType</b> Classification of air brake.																					
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																					
type	restriction of <b>xs:token</b>																					
properties	content simple																					
facets	<table> <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																				
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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> &lt;xs:element name="AirBrakeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Classification of air brake.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Through pipe&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;G system only&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;P system only&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;G/P combined system&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="8"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;No air brake or brake pipe&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="9"&gt;         &lt;xs:annotation&gt; </pre>																					

	<pre>&lt;xs:documentation&gt;Non coded system&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	--

element **BrakeSpecialCharacteristics**

diagram																												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																											
type	restriction of <b>xs:token</b>																											
properties	content simple																											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Cast Iron Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Disc Brake</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation K-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Cast Iron Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Composite Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation L-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation LL-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation Unknown or non-coded information</td> </tr> </tbody> </table>	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 L-Brake Blocks	enumeration	6	documentation LL-Brake Blocks	enumeration	9	documentation Unknown or non-coded information
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 L-Brake Blocks																										
enumeration	6	documentation LL-Brake Blocks																										
enumeration	9	documentation Unknown or non-coded information																										
annotation	<p>documentation</p> <p>General brake characteristics. The values refer to UIC leaflet 920-13.</p>																											
source	<pre>&lt;xs:element name="BrakeSpecialCharacteristics"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       General brake characteristics. The values refer to UIC leaflet 920-13.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Cast Iron Brake Blocks&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Disc Brake&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>																											

	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;K-Brake Blocks&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Cast Iron Brake Blocks, single release brake&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Composite Brake Blocks, single release brake&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;L-Brake Blocks&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;LL-Brake Blocks&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Unknown or non-coded information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **BrakeType**

diagram													
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:token</b>												
properties	content simple												
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td>documentation G: "Goods" for freight services with slow application and release times</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation P: "Passenger" for passenger and freight services with quick application and release times.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.</td> </tr> </table>	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.
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> &lt;xs:element name="BrakeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of braking system.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;G: "Goods" for freight services with slow application and release times&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;P: "Passenger" for passenger and freight services with quick application and release times.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	

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</xs:enumeration>
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    <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">
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        <xs:documentation>P+E: brake position P with additional
brake=electro-dynamic brake</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
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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: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>
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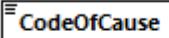
	<pre> &lt;xs:documentation&gt;R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="14"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **BrakingPowerVariationDevice**

diagram	<p>Coding in 404-2, chapter 1.8</p>																		
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																		
type	restriction of <b>xs:integer</b>																		
properties	content simple																		
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation no braked weight variation device</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation empty/loaded manual or automatic device with one changeover weight</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation empty/loaded manual or automatic device with two or three changeover weights</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation linear auto continuous device with indication of maximum braked weight</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation non-codable variation device</td> </tr> </tbody> </table>	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	enumeration	8	documentation linear auto continuous device with indication of maximum braked weight	enumeration	9	documentation non-codable variation device
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annotation	documentation Coding in 404-2, chapter 1.8																		
source	<pre> &lt;xs:element name="BrakingPowerVariationDevice"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Coding in 404-2, chapter 1.8&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:integer"&gt; &lt;xs:enumeration value="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;no braked weight variation device&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;empty/loaded manual or automatic device with one changeover weight&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2"&gt; &lt;xs:annotation&gt; </pre>																		

	<pre> &lt;xs:documentation&gt;empty/loaded manual or automatic device with two or three changeover weights&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;linear auto continuous device with indication of maximum braked weight&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;non-codable variation device&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

element **CodeOfCause**

diagram	 <p>Code of reason for extension</p>																														
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																														
type	restriction of <b>xs:token</b>																														
properties	content simple																														
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Examination of the consignment (CIM Article11)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Amendment of the contract of carriage (CIM Article 18)</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Circumstances preventing carriage (CIM Article 20)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Circumstances preventing delivery (CIM Article21)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Attention to be given to the consignment</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Rectification of the load following unsatisfactory loading by the consignor</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation Transhipment following unsatisfactory loading by the consignor</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation Other causes: ...</td> </tr> </tbody> </table>	Kind	Value	Annotation	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 Transhipment following unsatisfactory loading by the consignor	enumeration	9	documentation Other causes: ...
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enumeration	9	documentation Other causes: ...																													
annotation	documentation Code of reason for extension																														
source	<pre> &lt;xs:element name="CodeOfCause"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Code of reason for extension&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:token"&gt; &lt;xs:enumeration value="1"&gt;</pre>																														

```
<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>
    <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>
```

element **CombinedTrafficLoadProfile**

diagram	<p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> <li>• One option refers to "P" (Semi-trailer/road semi-trailer);</li> <li>• The other option refers to "C" (Swap body);</li> </ul> <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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">P1</a> <a href="#">P2</a> <a href="#">C1</a> <a href="#">C2</a>
annotation	<p>documentation</p> <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> <li>• One option refers to "P" (Semi-trailer/road semi-trailer);</li> <li>• The other option refers to "C" (Swap body);</li> </ul> <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>&lt;xs:element name="CombinedTrafficLoadProfile"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="P1" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt;</pre>

```

<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: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:simpleType>
    <xs:restriction base="xs:string">
        <xs:pattern value="\d{3}"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<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>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **CombinedTrafficLoadProfile/P1**

diagram							
	P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>						
type	restriction of <b>xs:string</b>						
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	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>&lt;xs:element name="P1" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="\d{3}" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **CombinedTrafficLoadProfile/P2**

diagram	<div style="border: 1px dashed #ccc; padding: 2px; display: inline-block;">P2</div> <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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="P2" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="\d{3}" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **CombinedTrafficLoadProfile/C1**

diagram	<div style="border: 1px dashed #ccc; padding: 2px; display: inline-block;">C1</div>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
source	<pre>&lt;xs:element name="C1" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="\d{3}" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **CombinedTrafficLoadProfile/C2**

diagram	<div style="border: 1px dashed gray; padding: 2px; display: inline-block;"> <b>C2</b> </div> <p>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="C2" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="\d{3}" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **CommercialSpecificationCode**

diagram	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;"> <b>CommercialSpecificationCode</b> </div> <p>Commercial specifications code</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>

type	restriction of <b>xs:token</b>																																	
properties	content simple																																	
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Route ...</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Traffic flow ...</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Carriers mandated to perform the carriage, section, status</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Defined frontier stations..... (for exceptional consignments)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)</td> </tr> </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.)
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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> &lt;xs:element name="CommercialSpecificationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Commercial specifications code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Route ...&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Traffic flow ...&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Carriers mandated to perform the carriage, section, status&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Defined frontier stations..... (for exceptional consignments)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="5"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>																																	

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																																																			
type	restriction of <b>xs:token</b>																																																																																			
properties	content simple																																																																																			
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>ECN</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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).</td> </tr> <tr> <td>enumeration</td> <td>NACK</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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</td> </tr> <tr> <td>enumeration</td> <td>PRN</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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)</td> </tr> <tr> <td>enumeration</td> <td>INFE</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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.</td> </tr> <tr> <td>enumeration</td> <td>INFP</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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.</td> </tr> <tr> <td>enumeration</td> <td>CANCEL</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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.</td> </tr> <tr> <td>enumeration</td> <td>DEL</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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.</td> </tr> <tr> <td>enumeration</td> <td>ECTD</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Basic message type for transports accompanied by a paper consignment note message.</td> </tr> <tr> <td>enumeration</td> <td>EUTD</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Basic update message type for transports accompanied by a paper consignment note message</td> </tr> <tr> <td>enumeration</td> <td>EDTD</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Basic deletion message type for transports accompanied by a paper consignment note message.</td> </tr> <tr> <td>enumeration</td> <td>ECOM</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Electronic consignment order message for carriers in role 3.Used for paperless transport only.</td> </tr> <tr> <td>enumeration</td> <td>ECOU</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Update message for ECOM</td> </tr> <tr> <td>enumeration</td> <td>ECOD</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Deletion message for ECOM</td> </tr> </table>			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			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.	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.	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.	enumeration	ECTD	documentation			Basic message type for transports accompanied by a paper consignment note message.	enumeration	EUTD	documentation			Basic update message type for transports accompanied by a paper consignment note message	enumeration	EDTD	documentation			Basic deletion message type for transports accompanied by a paper consignment note message.	enumeration	ECOM	documentation			Electronic consignment order message for carriers in role 3.Used for paperless transport only.	enumeration	ECOU	documentation			Update message for ECOM	enumeration	ECOD	documentation			Deletion message for ECOM
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																																																																																		
		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.																																																																																		
enumeration	CANCEL	documentation																																																																																		
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enumeration	DEL	documentation																																																																																		
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enumeration	ECTD	documentation																																																																																		
		Basic message type for transports accompanied by a paper consignment note message.																																																																																		
enumeration	EUTD	documentation																																																																																		
		Basic update message type for transports accompanied by a paper consignment note message																																																																																		
enumeration	EDTD	documentation																																																																																		
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		Electronic consignment order message for carriers in role 3.Used for paperless transport only.																																																																																		
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		Update message for ECOM																																																																																		
enumeration	ECOD	documentation																																																																																		
		Deletion message for ECOM																																																																																		
annotation	<p>documentation</p> <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</p>																																																																																			

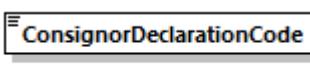
	used in communication within Raildata ECN members.
source	<pre> &lt;xs:element name="ConsignmentOrderType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Preliminary list of messages, by now restricted on different types of consignment orders.       Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="ECN"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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).         &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="NACK"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="PRN"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="INFE"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="INFP"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="CANCEL"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

```

        </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>
    </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	 Carrier declaration code.
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:token</b>

properties	content	simple	
facets	Kind enumeration 1 enumeration 2 enumeration 3 enumeration 4 enumeration 5 enumeration 6 enumeration 7 enumeration 8 enumeration 9 enumeration 10 enumeration 11 enumeration 12 enumeration 13 enumeration 14 enumeration 15 enumeration 16 enumeration 17 enumeration 18 enumeration 24 enumeration 25 enumeration 31 enumeration 32 enumeration 33	Annotation documentation Consignee not-authorised to take control of the goods documentation Authorised consignee (within the meaning of customs law) documentation Escort(s) ... [name(s), first name(s)] documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c) documentation Emergency telephone number for irregularities or accidents with dangerous goods documentation Not to be passed to a substitute carrier documentation Loading by the carrier documentation Unloading by the carrier documentation Agreed transit period: ... documentation Completion of administrative formalities: ... (see CIM Article 15) documentation Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved) documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s) documentation 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.) documentation Shipment details for port traffic: ... documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.) documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit. documentation Wagon keeper according to article 17 AVV (Name) documentation CH import declaration by DB Cargo documentation CH import declaration by SBB Cargo documentation CH import declaration by third parties documentation	
annotation	documentation Carrier declaration code.		
source	<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-authorised to take control of the
goods</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <xs:documentation>Authorised 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: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>
```

	<pre>&lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="14"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="15"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;If the carrier's straps are used: number of straps and abbreviation for the carrier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="16"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="17"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shipment details for port traffic: ...&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="18"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="24"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt;</pre>
--	--

	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="25"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Wagon keeper according to article 17 AVV (Name)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="31"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;CH import declaration by DB Cargo&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="32"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;CH import declaration by SBB Cargo&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="33"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;CH import declaration by third parties&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **CouplingType**

diagram	 Classification of coupling																		
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																		
type	restriction of <b>xs:token</b>																		
properties	content simple																		
facets	<table> <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>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	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	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> &lt;xs:element name="CouplingType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Classification of coupling&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>																		

	<pre> &lt;xs:restriction base="xs:token"&gt;   &lt;xs:enumeration value="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;without coupler&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;non-reinforced coupler less than 85t&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="2"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;reinforced coupler equals to 85t&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="3"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;ultra-reinforced coupler greater than 85t&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="4"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;automatic coupling&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **CustomerType**

diagram																												
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																											
type	restriction of <b>xs:token</b>																											
properties	content simple																											
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Consignor</td> </tr> <tr> <td>enumeration</td> <td>CE</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Consignee</td> </tr> <tr> <td>enumeration</td> <td>FPCR</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Freight payer</td> </tr> <tr> <td>enumeration</td> <td>FPCE</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Freight payer CE</td> </tr> </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> &lt;xs:element name="CustomerType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of participation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>																											

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="CR"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignor&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="CE"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignee&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="FPCR"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Freight payer&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="FPCE"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Freight payer CE&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

element **DangerLabel**

diagram	 <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>																											
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																											
type	restriction of <b>xs:token</b>																											
properties	content simple																											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Explosive materials, divisions 1.1, 1.2 and 1.3</td> </tr> <tr> <td>enumeration</td> <td>1.4</td> <td>documentation Explosive materials, division 1.4</td> </tr> <tr> <td>enumeration</td> <td>1.5</td> <td>documentation Explosive materials, division 1.5</td> </tr> <tr> <td>enumeration</td> <td>1.6</td> <td>documentation Explosive materials, division 1.6</td> </tr> <tr> <td>enumeration</td> <td>2.1</td> <td>documentation Flammable gases</td> </tr> <tr> <td>enumeration</td> <td>2.2</td> <td>documentation Non-flammable, non-toxic gases</td> </tr> <tr> <td>enumeration</td> <td>2.3</td> <td>documentation Toxic gases</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> </tbody> </table>	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
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 documentation Flammable solids , self-reactive substances and solid desensitized explosives documentation Substances liable to spontaneous combustion documentation Substances which, in contact with water, emit flammable gases documentation Oxidizing substances documentation Organic peroxides documentation Toxic substances documentation Infectious substances documentation Radioactive material, category I documentation Radioactive material, category II documentation Radioactive material, category III documentation documentation (obsolete) should be used for general information about class 7 documentation Fissile radioactive material documentation Corrosive substances documentation Miscellaneous dangerous substances and articles
	enumeration	4.1
	enumeration	4.2
	enumeration	4.3
	enumeration	5.1
	enumeration	5.2
	enumeration	6.1
	enumeration	6.2
	enumeration	7A
	enumeration	7B
	enumeration	7C
	enumeration	7D
	enumeration	7E
	enumeration	8
	enumeration	9
	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
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	enumeration	1+6.1 (+15)
	enumeration	1+6.1+8
	enumeration	1+8
	enumeration	2.1 (+13)
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	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
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	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
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element **EmptyPackingCode**

diagram	 <b>EmptyPackingCode</b> Code of empty packing as described in RID 5.4.1.1.6.2																		
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																		
type	restriction of <b>xs:token</b>																		
properties	content simple																		
facets	<table> <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> </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
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.	
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element **HandBrakeType**

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type	restriction of <b>xs:token</b>												
properties	content simple												
facets	<table> <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											
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enumeration	1	documentation Ground-operated hand brake											
enumeration	2	documentation Platform-operated hand brake											
annotation	documentation Classification of hand brake												
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element **ILU\_TypeDetail**

diagram																																																				
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type	restriction of <b>xs:token</b>																																																			
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Kind	Value	Annotation																																																		
enumeration	BX																																																			
enumeration	BK																																																			
enumeration	FL																																																			
enumeration	HT																																																			
enumeration	HC																																																			
enumeration	IN																																																			
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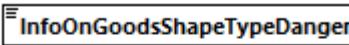
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element **IncotermCode**

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type	restriction of <b>xs:token</b>																														
properties	content simple																														
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIP</td> <td>documentation Carriage Insurance Paid</td> </tr> <tr> <td>enumeration</td> <td>CPT</td> <td>documentation Carriage Paid To</td> </tr> <tr> <td>enumeration</td> <td>DAF</td> <td>documentation Delivered At Frontier (deprecated in 2011-01-01)</td> </tr> <tr> <td>enumeration</td> <td>DDP</td> <td>documentation Delivered Duty Paid</td> </tr> <tr> <td>enumeration</td> <td>DDU</td> <td>documentation Delivered Duty Unpaid (deprecated in 2011-01-01)</td> </tr> <tr> <td>enumeration</td> <td>EXW</td> <td>documentation EX Works</td> </tr> <tr> <td>enumeration</td> <td>FCA</td> <td>documentation Free Carrier</td> </tr> <tr> <td>enumeration</td> <td>DAP</td> <td>documentation Delivered At Place</td> </tr> <tr> <td>enumeration</td> <td>DAT</td> <td>documentation Delivered At Terminal</td> </tr> </tbody> </table>	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 Delivered At Place	enumeration	DAT	documentation Delivered At Terminal
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enumeration	DAP	documentation Delivered At Place																													
enumeration	DAT	documentation Delivered At Terminal																													
annotation	documentation Incoterm (given by the client)																														
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element **InfoOnGoodsShapeTypeDanger**

diagram	 <p>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p>																					
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type	restriction of <b>xs:token</b>																					
properties	content simple																					
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation Other intermodal traffic</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Rolling road (RR)</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation Semi-Trailer on bogies</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation 1 - danger of explosion (subclass 1.1, 1.2, 1.3)</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation</td> </tr> </tbody> </table>	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
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enumeration	01	documentation Container																				
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enumeration	14	documentation																				

	enumeration 15	1.4 - danger of explosion (subclass 1.4) documentation
	enumeration 16	1.5 - danger of explosion (subclass 1.5) documentation
	enumeration 21	1.6 - danger of explosion (subclass 1.6) documentation
	enumeration 22	2.1 - inflammable gases documentation
	enumeration 23	2.2 - non inflammable,non-toxic gases documentation
	enumeration 30	2.3 - toxic gases documentation
	enumeration 41	3 - fire hazard (inflammable liquids) documentation
	enumeration 42	4.1 - fire hazard (inflammable solids) documentation
	enumeration 43	4.2 - spontaneously inflammable documentation
	enumeration 51	4.3 - gives off inflammable gas on contact with water documentation
	enumeration 52	5.1 - combustible substance documentation
	enumeration 61	5.2 - organic peroxide documentation
	enumeration 62	6.1 - toxic substance documentation
	enumeration 71	6.2 - infectious substance documentation
	enumeration 72	7A - radioactive substance in category I packing WHITE documentation
	enumeration 73	7B - radioactive substance in category II packing YELLOW documentation
	enumeration 74	7C - radioactive substance in category III packing YELLOW documentation
	enumeration 75	7D - Common label for radioactive substances included under 7A, 7B + 7C documentation
	enumeration 76	7E - fissile substance documentation
	enumeration 80	8 - corrosive substance documentation
	enumeration 90	Various dangerous substance and objects not covered by the other classes documentation
	enumeration 96	Environmentally hazardous substance (RID 5.2.1.8) documentation
	enumeration 97	More than 8 tons of dangerous goods packaged in limited quantities (LQ) documentation
	enumeration 98	Livestock documentation
	enumeration 99	Perishables documentation
annotation		documentation Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1
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element **InteropCapability**

diagram																												
	Identification of the general interoperability capability of the wagon.																											
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																											
type	restriction of <b>xs:integer</b>																											
properties	content simple																											
facets	<table> <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																										
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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> &lt;xs:element name="InteropCapability"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of the general interoperability capability of the wagon.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:totalDigits value="2"/&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;National&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Bi-/Multilateral (with agreement or authorisation grid)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;RIV&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="5"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TEN&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>																											

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element **JourneyLocationTypeCode**

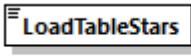
diagram																																		
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																	
type	restriction of <b>xs:token</b>																																	
properties	content simple																																	
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td>documentation Origin</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation Intermediate</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Destination</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation Handover</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation Interchange</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation Handover and Interchange</td> </tr> <tr> <td>enumeration</td> <td>07</td> <td>documentation State Border</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation None</td> </tr> <tr> <td>enumeration</td> <td>09</td> <td>documentation Network border</td> </tr> <tr> <td>enumeration</td> <td>99</td> <td>documentation Mutually Defined</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01	documentation Origin	enumeration	02	documentation Intermediate	enumeration	03	documentation Destination	enumeration	04	documentation Handover	enumeration	05	documentation Interchange	enumeration	06	documentation Handover and Interchange	enumeration	07	documentation State Border	enumeration	08	documentation None	enumeration	09	documentation Network border	enumeration	99	documentation Mutually Defined
Kind	Value	Annotation																																
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enumeration	06	documentation Handover and Interchange																																
enumeration	07	documentation State Border																																
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enumeration	09	documentation Network border																																
enumeration	99	documentation Mutually Defined																																
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element **LivestockOrPeopleIndicator**

diagram										
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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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>									
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element **LoadTableStars**

diagram													
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type	restriction of <b>xs:integer</b>												
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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.											

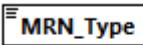
	enumeration 2	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.
	enumeration 3	documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.
annotation	documentation Number of load table stars.	
source	<pre>&lt;xs:element name="LoadTableStars"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of load table stars.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:totalDigits value="1"/&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

element **MessageStatus**

diagram	 Assigned by the Sender 1=creation, 2=modification, 3=deletion
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type	restriction of <b>xs:token</b>
properties	content simple
facets	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>&lt;xs:element name="MessageStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Assigned by the Sender 1=creation, 2=modification, 3=deletion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;creation&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;modification&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;deletion&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **MRN\_Type**

diagram	 <p>Type of MRN given, CODE: CIT GLV-CIM appendix 2</p>																																	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																	
type	restriction of <b>xs:token</b>																																	
properties	content simple																																	
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>MRN-E</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>if an EXPORT declaration has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-T</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>if a TRANSIT declaration has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-TS</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>if a TRANSIT declaration with SECURITY data has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-EXS</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>if the EXIT SUMMARY declaration has been made separately by the consignor</td> </tr> <tr> <td>enumeration</td> <td>MRN-ENS</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>if the ENTRY SUMMARY declaration has been made separately by the consignor</td> </tr> </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
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annotation	documentation Type of MRN given, CODE: CIT GLV-CIM appendix 2																																	
source	<pre>&lt;xs:element name="MRN_Type"&gt;</pre>																																	

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Type of MRN given, CODE: CIT GLV-CIM appendix 2&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="MRN-E"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;if an EXPORT declaration has been lodged&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="MRN-T"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;if a TRANSIT declaration has been lodged&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="MRN-TS"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;if a TRANSIT declaration with SECURITY data has been lodged&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="MRN-EXS"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;if the EXIT SUMMARY declaration has been made separately by the consignor&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="MRN-ENS"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;if the ENTRY SUMMARY declaration has been made separately by the consignor&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:token</b>

properties	content simple																																				
facets	<table> <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																																			
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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> &lt;xs:element name="NormalLoadingGauge"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="G1"/&gt;       &lt;xs:enumeration value="G2"/&gt;       &lt;xs:enumeration value="GA"/&gt;       &lt;xs:enumeration value="GB"/&gt;       &lt;xs:enumeration value="GC"/&gt;       &lt;xs:enumeration value="GB1"/&gt;       &lt;xs:enumeration value="GB2"/&gt;       &lt;xs:enumeration value="GB-M6"/&gt;       &lt;xs:enumeration value="GHE16"/&gt;       &lt;xs:enumeration value="W6-A"/&gt;       &lt;xs:enumeration value="SEa"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>																																				

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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>												
type	restriction of <b>xs:token</b>												
properties	content simple												
facets	<table> <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
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	<pre>&lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **PrepaidcodeCarrier**

diagram																																																				
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																			
type	restriction of <b>xs:token</b>																																																			
properties	content simple																																																			
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td>documentation prepaid freight</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation prepaid freight including...</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation prepaid freight including...up to border of origin country</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation prepaid freight including...up to exit border of last transit country</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation prepaid freight including...up to exit border of other countries</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation prepaid freight up to border of origin country</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation prepaid freight up to exit border of last transit country</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation prepaid freight up to exit border of other countries</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>documentation prepaid all costs</td> </tr> <tr> <td>enumeration</td> <td>42</td> <td>documentation Free carrier</td> </tr> <tr> <td>enumeration</td> <td>43</td> <td>documentation Carriage paid to...</td> </tr> <tr> <td>enumeration</td> <td>44</td> <td>documentation Delivered duty unpaid</td> </tr> <tr> <td>enumeration</td> <td>45</td> <td>documentation Carriage insurance paid</td> </tr> <tr> <td>enumeration</td> <td>46</td> <td>documentation Delivered at terminal</td> </tr> <tr> <td>enumeration</td> <td>47</td> <td>documentation Delivered at place</td> </tr> <tr> <td>enumeration</td> <td>90</td> <td>documentation not prepaid</td> </tr> </tbody> </table>	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
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annotation	documentation Prepaidcode (given by the railway)																																																			
source	<pre>&lt;xs:element name="PrepaidcodeCarrier"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Prepaidcode (given by the railway)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="10"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>																																																			

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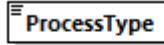
element **PrepaidCodeCustomer**

diagram																																									
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	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>&lt;xs:element name="PrepaidCodeCustomer"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Prepaidcode (given by the customer)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="10"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="11"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight including... &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="12"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight including...up to border of origin country&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="13"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight including...up to exit border of last transit country &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="14"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight including...up to exit border of other countries &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="15"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight up to border of origin country &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="16"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;prepaid freight up to exit border of last </pre>	

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element **ProcessType**

diagram	 Business process type to further distinguish among type of requests.																																				
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																				
type	restriction of <b>xs:token</b>																																				
properties	content simple																																				
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation New Path Request and allocation process for annual timetable</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Late Path Request and allocation process for annual timetable</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Ad hoc path request and allocation process</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Rolling Planning path request and allocation process</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Feasibility Study process</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Path Modification process (triggered by applicant)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Path Alteration process (triggered by IM)</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Pre-arranged Path publication by RFC</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation Catalogue Path publication by IM</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Path Cancellation process</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Path Utilisation notification process</td> </tr> </tbody> </table>	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
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enumeration	6	documentation Path Alteration process (triggered by IM)																																			
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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>&lt;xs:element name="ProcessType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Business process type to further distinguish among type of requests.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;New Path Request and allocation process for annual timetable&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Late Path Request and allocation process for annual timetable&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Ad hoc path request and allocation process&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>																																				

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element **ReasonOfReference**

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namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:string</b>

properties	content	simple
facets	<p>Kind Value Annotation</p> <p>minLength 4</p> <p>maxLength 4</p> <p>enumeration 1000 documentation Same path offer is desired as for stated PathRequestMessage</p> <p>enumeration 1001 documentation Same path is desired as for stated train/path</p> <p>enumeration 1002 documentation Full replacement of stated previous path</p> <p>enumeration 1003 documentation Partial replacement of stated previous path</p> <p>enumeration 1004 documentation Reference to sub train of Y-train bundle</p> <p>enumeration 1005 documentation Reference to main train of Y-train bundle</p> <p>enumeration 1006 documentation Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area</p> <p>enumeration 1007 documentation Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area</p> <p>enumeration 1008 documentation Reference to further path offer for the PathRequestMessage</p> <p>enumeration 1009 documentation Reference to booked path before interruption by railway replacement traffic by bus</p> <p>enumeration 1010 documentation Reference to a PreArrangedPath</p> <p>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</p> <p>enumeration 1012 documentation New final offer to former draft offer</p> <p>enumeration 1013 documentation Replaced path after modification by ResponsibleApplicant</p> <p>enumeration 1014 documentation New Route</p> <p>enumeration 1015 documentation Updated Route</p> <p>enumeration 5001 documentation Reference to another object on the basis of incident management in operations phase</p> <p>enumeration DE01 documentation Reference to an associated empty/transfer train</p> <p>enumeration DE02 documentation Reference to an associated main run</p> <p>enumeration DE03 documentation Notice stated PathRequestMessage</p> <p>enumeration DE04 documentation Replacement of stated train</p> <p>enumeration DE05 documentation Reference to a reserved capacity</p> <p>enumeration DE06 documentation Use of same OTN as of stated train</p>	
annotation	<p>documentation Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier.</p> <p>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).</p>	

	<p>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 be 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.</p> <p>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          (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>
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	<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>
source	<pre>&lt;xs:element name="ReasonOfReference"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier.</pre> <p>List of codes for element ReasonOfReference:</p> <p>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).</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</p>

	<p>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> <pre>&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xss:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="4"/&gt;     &lt;xs:maxLength value="4"/&gt;     &lt;xs:enumeration value="1000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Same path offer is desired as for stated PathRequestMessage&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="1001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Same path is desired as for stated train/path&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;</pre>
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DE05">
```

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Reference to a reserved capacity&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DE06"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Use of same OTN as of stated train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **RefusalCode**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <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> </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									
source	<pre> &lt;xs:element name="RefusalCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code List Candidate&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Data not authorised by Wagon Keeper&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Wagon number freight unknown&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **RollingRoadUnitType**

diagram																
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:token</b>															
properties	content simple															
facets	<table> <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 <i>Type of Rolling Road unit on Wagon</i>															
source	<pre> &lt;xs:element name="RollingRoadUnitType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of Rolling Road unit on Wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="HGZ"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;articulated lorry&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="SAL"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;semi-trailer&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="MW"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;motor vehicle&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="ANH"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;trailer&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>															

element **RouteClass**

diagram																																																																																		
	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.																																																																																	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																																																	
type	restriction of <b>xs:string</b>																																																																																	
properties	content simple																																																																																	
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>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																																																																																	
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																																																																																	
annotation	<p>documentation</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>																																																																																	

source	<pre> &lt;xs:element name="RouteClass"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="3"/&gt;       &lt;xs:enumeration value="A"/&gt;       &lt;xs:enumeration value="B"/&gt;       &lt;xs:enumeration value="B1"/&gt;       &lt;xs:enumeration value="B2"/&gt;       &lt;xs:enumeration value="C"/&gt;       &lt;xs:enumeration value="C2"/&gt;       &lt;xs:enumeration value="C3"/&gt;       &lt;xs:enumeration value="C4"/&gt;       &lt;xs:enumeration value="CM"/&gt;       &lt;xs:enumeration value="CM2"/&gt;       &lt;xs:enumeration value="CM3"/&gt;       &lt;xs:enumeration value="CM4"/&gt;       &lt;xs:enumeration value="CE"/&gt;       &lt;xs:enumeration value="D"/&gt;       &lt;xs:enumeration value="D2"/&gt;       &lt;xs:enumeration value="D3"/&gt;       &lt;xs:enumeration value="D4"/&gt;       &lt;xs:enumeration value="D5"/&gt;       &lt;xs:enumeration value="E"/&gt;       &lt;xs:enumeration value="E4"/&gt;       &lt;xs:enumeration value="E5"/&gt;       &lt;xs:enumeration value="E6"/&gt;       &lt;xs:enumeration value="F"/&gt;       &lt;xs:enumeration value="G"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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## element RU\_DeclarationCode

diagram	 <p>Carrier declaration code.</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:token</b>									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Without packing</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Without packing	enumeration	2	documentation
Kind	Value	Annotation								
enumeration	1	documentation Without packing								
enumeration	2	documentation								

	enumeration 3	Unsatisfactory packaging: ...(give details) documentation
	enumeration 4.1	Insufficient packaging: ... (give details) documentation
	enumeration 4.2	Goods clearly in poor condition: ... (give details) documentation
	enumeration 4.3	Goods damaged:(give details) documentation
	enumeration 4.4	Goods wet: ... (give details) documentation
	enumeration 5	Goods frozen: ... (give details) documentation
	enumeration 6	Loaded by the consignor documentation
	enumeration 7	Loaded by the carrier in inclement weather at the request of the consignor documentation
	enumeration 8	Unloaded by the consignee documentation
	enumeration 9.1	Unloaded by the carrier in ... documentation
	enumeration 9.2	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 documentation
	enumeration 9.3	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 documentation
	enumeration 10	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 documentation
	enumeration 11	Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor documentation
	enumeration 12	Examination not made because of a shortage of resources: ... (give details) documentation
	enumeration 13	Other reserves: ... (give details) 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.
annotation		documentation Carrier declaration code.
source	<pre>&lt;xs:element name="RU_DeclarationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Carrier declaration code. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Without packing&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Unsatisfactory packaging: ...(give details)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Insufficient packaging: ... (give</pre>	

```
details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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    <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>
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the request of the consignor </xs:documentation>
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    <xs:annotation>
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...</xs:documentation>
    </xs:annotation>
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consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of inclement weather </xs:documentation>
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consignee Impossible to make the examination in accordance with CIM Article
```

	<pre> 11 section 3, because of sealing of the wagon or ITU &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="9.3"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="10"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="11"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Examination not made because of a shortage of resources: ... (give details)&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;                 &lt;xs:enumeration value="12"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt;Other reserves: ... (give details)&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                     &lt;/xs:enumeration&gt;                     &lt;xs:enumeration value="13"&gt;                         &lt;xs:annotation&gt;                             &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;                         &lt;/xs:annotation&gt;                         &lt;/xs:enumeration&gt;                     &lt;/xs:restriction&gt;                 &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;</pre>
--	--

element **TractionMode**

diagram	 <p>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>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:integer</b>
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
	enumeration	36	documentation Banking locomotive - 6th traction unit in the group
	enumeration	46	documentation Banking locomotive not coupled - 6th traction unit in the group
	enumeration	56	documentation No Leading Engine - 6th traction unit in the group

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>&lt;xs:element name="TractionMode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="11"/&gt;     &lt;xs:maxInclusive value="99"/&gt;     &lt;xs:enumeration value="11"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Train traction - 1st traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="21"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Intermediate traction - 1st traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="31"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Banking locomotive - 1st traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="41"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Banking locomotive not coupled - 1st traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="51"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;No Leading Engine - 1st traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="12"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Train traction - 2nd traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="22"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Intermediate traction - 2nd traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;</pre>

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unit in the group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
    </xs:annotation>
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unit in the group</xs:documentation>
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        <xs:documentation>No Leading Engine - 4th traction unit in the
group</xs:documentation>
    </xs:annotation>
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        <xs:documentation>Train traction - 5th traction unit in the
group</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
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group</xs:documentation>
    </xs:annotation>
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group</xs:documentation>
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unit in the group</xs:documentation>
    </xs:annotation>
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group</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
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        <xs:documentation>Train traction - 6th traction unit in the
group</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="26">
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	<pre> &lt;xs:documentation&gt;Intermediate traction - 6th traction unit in the group&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="36"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Banking locomotive - 6th traction unit in the group&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="46"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Banking locomotive not coupled - 6th traction unit in the group&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="56"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;No Leading Engine - 6th traction unit in the group&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     </pre>
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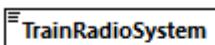
element **TractionType**

diagram	<p><b>TractionType</b></p> <p>Identifies the type of a locomotive:</p> <p>First digit:</p> <ul style="list-style-type: none"> <li>"0" = not specified</li> <li>"1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev)</li> <li>"2" = on-board traction power supply for traction without external electrical or other power supply available</li> <li>"3" = hybrid traction (both on-board or electric traction available)</li> </ul> <p>Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014):</p> <ul style="list-style-type: none"> <li>"0" = not specified</li> <li>"1" = locomotive or power unit</li> <li>"2" = trainset or multiple unit or railcar</li> <li>"3" = shunter</li> <li>"4" = on track machine or infrastructure inspection vehicle</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
type	restriction of <b>xs:token</b>
properties	content simple

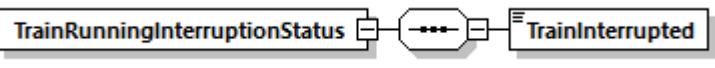
	Kind	Value	Annotation
facets	enumeration	00	
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	20	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	30	
	enumeration	31	
	enumeration	32	
	enumeration	33	
	enumeration	34	
annotation	<p>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</p>		
source	<pre>&lt;xs:element name="TractionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt;</pre>		

	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="00"/&gt;     &lt;xs:enumeration value="01"/&gt;     &lt;xs:enumeration value="02"/&gt;     &lt;xs:enumeration value="03"/&gt;     &lt;xs:enumeration value="04"/&gt;     &lt;xs:enumeration value="10"/&gt;     &lt;xs:enumeration value="11"/&gt;     &lt;xs:enumeration value="12"/&gt;     &lt;xs:enumeration value="13"/&gt;     &lt;xs:enumeration value="14"/&gt;     &lt;xs:enumeration value="20"/&gt;     &lt;xs:enumeration value="21"/&gt;     &lt;xs:enumeration value="22"/&gt;     &lt;xs:enumeration value="23"/&gt;     &lt;xs:enumeration value="24"/&gt;     &lt;xs:enumeration value="30"/&gt;     &lt;xs:enumeration value="31"/&gt;     &lt;xs:enumeration value="32"/&gt;     &lt;xs:enumeration value="33"/&gt;     &lt;xs:enumeration value="34"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **TrainRadioSystem**

diagram	 <p>The on board radio system of the train in coded format</p>									
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:token</b>									
properties	content simple									
facets	<table> <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> &lt;xs:element name="TrainRadioSystem"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The on board radio system of the train in coded format&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **TrainRunningInterruptionStatus**

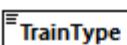
diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>
properties	content complex
children	<a href="#">TrainInterrupted</a>
source	<pre>&lt;xs:element name="TrainRunningInterruptionStatus"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TrainInterrupted"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation/&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:enumeration value="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Not Interrupted&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="1"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Interrupted at location (default)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="2"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Will be interrupted, not yet at location&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TrainRunningInterruptionStatus/TrainInterrupted**

diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Not Interrupted	enumeration	1	documentation
Kind	Value	Annotation								
enumeration	0	documentation Not Interrupted								
enumeration	1	documentation								

	enumeration 2	Interrupted at location (default) documentation Will be interrupted, not yet at location
source		<pre>&lt;xs:element name="TrainInterrupted"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Not Interrupted&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Interrupted at location (default)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Will be interrupted, not yet at location&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

## 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	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table> <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> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Other train	enumeration	1	documentation Passenger train
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	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.
source	<pre> &lt;xs:element name="TrainType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Other train&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Passenger train&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Freight train&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Light engine (locomotive train)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Engineering train&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;xs:enumeration value="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Emergency train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Mixed train (passenger and freight train in combination)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **TypeOfRemovableAccessories**

diagram	<p>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13</p>																																																																																																																																				
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>																																																																																																																																				
type	restriction of <b>xs:token</b>																																																																																																																																				
properties	content simple																																																																																																																																				
facets	<table> <tbody> <tr> <td>Kind</td> <td>enumeration</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td></td> <td>01</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>02</td> <td></td> <td>Removable stanchion</td> </tr> <tr> <td></td> <td>03</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>04</td> <td></td> <td>Removable side flap of flat wagon</td> </tr> <tr> <td></td> <td>05</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>06</td> <td></td> <td>Removable end flap of flat wagon</td> </tr> <tr> <td></td> <td>07</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>08</td> <td></td> <td>Removable side rail</td> </tr> <tr> <td></td> <td>09</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>10</td> <td></td> <td>Removable intermediate upright for securing the load</td> </tr> <tr> <td></td> <td>11</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>12</td> <td></td> <td>Stanchion chain</td> </tr> <tr> <td></td> <td>13</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>14</td> <td></td> <td>Removable handle and wheel for winch on car-carrying wagon</td> </tr> <tr> <td></td> <td>15</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>16</td> <td></td> <td>Swivelling bolster (with stanchions)</td> </tr> <tr> <td></td> <td>17</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>18</td> <td></td> <td>Coupling rod (rigid coupling)</td> </tr> <tr> <td></td> <td>19</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>20</td> <td></td> <td>Ice bunker</td> </tr> <tr> <td></td> <td>21</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>22</td> <td></td> <td>Ice bunker screen</td> </tr> <tr> <td></td> <td>23</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>24</td> <td></td> <td>Ice bunker frame</td> </tr> <tr> <td></td> <td>25</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>26</td> <td></td> <td>Trestle or bar with hooks for hanging meat</td> </tr> <tr> <td></td> <td>27</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>28</td> <td></td> <td>Movable cross-member of wagon with low loading plane</td> </tr> <tr> <td></td> <td>29</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>30</td> <td></td> <td>Removable support</td> </tr> <tr> <td></td> <td>31</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>32</td> <td></td> <td>Mooring cross-member on wagon for special loads</td> </tr> </tbody> </table>	Kind	enumeration	Value	Annotation		01		documentation		02		Removable stanchion		03		documentation		04		Removable side flap of flat wagon		05		documentation		06		Removable end flap of flat wagon		07		documentation		08		Removable side rail		09		documentation		10		Removable intermediate upright for securing the load		11		documentation		12		Stanchion chain		13		documentation		14		Removable handle and wheel for winch on car-carrying wagon		15		documentation		16		Swivelling bolster (with stanchions)		17		documentation		18		Coupling rod (rigid coupling)		19		documentation		20		Ice bunker		21		documentation		22		Ice bunker screen		23		documentation		24		Ice bunker frame		25		documentation		26		Trestle or bar with hooks for hanging meat		27		documentation		28		Movable cross-member of wagon with low loading plane		29		documentation		30		Removable support		31		documentation		32		Mooring cross-member on wagon for special loads
Kind	enumeration	Value	Annotation																																																																																																																																		
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	02		Removable stanchion																																																																																																																																		
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	04		Removable side flap of flat wagon																																																																																																																																		
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	14		Removable handle and wheel for winch on car-carrying wagon																																																																																																																																		
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	16		Swivelling bolster (with stanchions)																																																																																																																																		
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	18		Coupling rod (rigid coupling)																																																																																																																																		
	19		documentation																																																																																																																																		
	20		Ice bunker																																																																																																																																		
	21		documentation																																																																																																																																		
	22		Ice bunker screen																																																																																																																																		
	23		documentation																																																																																																																																		
	24		Ice bunker frame																																																																																																																																		
	25		documentation																																																																																																																																		
	26		Trestle or bar with hooks for hanging meat																																																																																																																																		
	27		documentation																																																																																																																																		
	28		Movable cross-member of wagon with low loading plane																																																																																																																																		
	29		documentation																																																																																																																																		
	30		Removable support																																																																																																																																		
	31		documentation																																																																																																																																		
	32		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		documentation Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13
source	<pre>&lt;xs:element name="TypeOfRemovableAccessories"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920- 13&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="01"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Removable stanchion&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="02"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Removable side flap of flat wagon&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="03"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Removable end flap of flat wagon&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="04"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Removable side rail&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

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wagon</xs:documentation>
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wagon</xs:documentation>
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element **TypeOfUsedHybridPowerunit**

diagram																
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:token</b>															
properties	content simple															
facets	<table> <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	<b>&lt;xs:element name="TypeOfUsedHybridPowerunit"&gt;</b>															

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;information about the type of power unit in case of using a hybrid locomotive&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;electric (pantograph, conductor rail)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;liquid fuel (benzine, diesel, gasoline)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="3"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;battery&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="4"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;hydrogen&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **WheelSetTransformationMethod**

diagram	<p>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</p>															
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.4">http://www.era.europa.eu/schemes/TAFTSI/3.4</a>															
type	restriction of <b>xs:token</b>															
properties	content simple															
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Automatic</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Bogie/axle change</td> </tr> </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	<p>documentation</p> <p>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</p>															
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	<pre> &lt;xs:restriction base="xs:token"&gt;   &lt;xs:enumeration value="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Automatic&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="2"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Bogie/axle change&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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**simpleType ConsignmentTypeCode**

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properties	base xs:token			
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		CIM	Convention Internationale Marchandises (OTIF)	Source: CIM (OTIF)
	enumeration	Other		
annotation	documentation Identifies the type of a waybill.			
source	<pre> &lt;xs:simpleType name="ConsignmentTypeCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type of a waybill.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="CIM"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="Other"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>			

**simpleType DelayCode**

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type	restriction of <b>xs:token</b>			
properties	base xs:token			
facets	Kind	Value	Annotation	
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			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> &lt;xs:simpleType name="DelayCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="11"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Formation of trains if managed by infrastructure manager&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="10"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Timetable compilation&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="12"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Mistakes in operational procedures&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="13"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Wrong application of priority rules&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="14"/&gt;   &lt;/xs:restriction&gt; </pre>	

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**simpleType InfoIndex**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of <b>xs:string</b>												
properties	base xs:string												
facets	<table> <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	<p>documentation</p> <p>indicates additional information</p>												
source	<pre>&lt;xs:simpleType name="InfoIndex"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;indicates additional information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="10"/&gt;     &lt;xs:enumeration value="20"/&gt;     &lt;xs:enumeration value="30"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>												

**simpleType MessageCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
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properties	base xs:integer									
facets	<table> <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	<p>documentation</p> <p>Identifies the type of message</p>									
source	<pre>&lt;xs:simpleType name="MessageCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type of message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="9999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:token</b>		
properties	base xs:token		
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 F - First or last wagon of a wagon group from which it must not be separated		
	enumeration 70	documentation F - Shunt with care (1 red triangle)		
	enumeration 71	documentation F - Shunt with special care (2 red triangle)		
	enumeration 90	documentation P - Train planned with passengers operated without passengers		
	enumeration 91	documentation P - Train planned without passengers operated with passengers		
	enumeration 92	documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine)		
	enumeration 94	documentation F - Gas carrying wagon without orange side stripe		
	enumeration 99	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		
	15      F	Wagon not allowed over the hump	x	
	16      F	Do not fly shunt or gravity shunt (3 red triangles)	x            x            x	
	18      F	Must not use active braking equipment		x            x
	25      F	Gas carrying tank wagon with orange side stripe	x	

			x
30	P (+F)	CCS fault (see CCS coding list)	
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	X F	Place this wagon at the rear of the train	x x
50	X P (+F)	Speed restriction	x x
52	P (+F)	Diesel locomotive instead of electric locomotive	x x
61	F	Wagon forming part of a consignment of several wagons	x (X) F
62	F	Wagon forming part of a group of wagons from which it must not be separated	x

			x			
	63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x	x	
	68	F	First or last wagon of a wagon group from which it must not be separated	x	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	
	91	P	Train planned without passengers operated with passengers	x		
	92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)	x		
	94	F	Gas carrying wagon without orange side stripe	x		
	99	P	Other	x		
			x			
source	<pre>&lt;xs:simpleType name="RestrictionCodes"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;</pre> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.</p> <p>F = Freight</p> <p>P = Passenger</p> <p>T = Technical</p> <p>D = Damage</p> <p>L = Load</p> <p>Code F or P Description</p>					
	07	F	Shunt only when hand brake operable with ground staff	T	D	L
	08	F	Tank wagon loaded with liquid	x		
	09	F	Wagon loaded with people	x		

		x
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
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
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
25	F	Gas carrying tank wagon with orange side stripe
30	P (+F)	CCS fault (see CCS coding list)
31	P (+F)	Braking system fault
32	P (+F)	Wheelset, bogie fault
33	P (+F)	Headlighting or back lighting fault
34	P (+F)	Front glass broken
35	P (+F)	Horn fault
36	P (+F)	Radio fault
37	P (+F)	Energy supply fault
		x

	38	P (+F) Traction or motor fault	
	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	F (X) F Wagon forming part of a consignment of several wagons	x
	62	F Wagon forming part of a group of wagons from which it must not be separated	x
	63	F (+P) Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x
	68	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	P Train planned without passengers operated with passengers	x
	92	P Train planned with hauled rolling stock and operated without any coaches (light engine)	x
	94	F Gas carrying wagon without orange side stripe	x x

	99	P	x Other	
			x	x

```
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      <xs:documentation>F - Tank wagon loaded with liquid</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="09">
    <xs:annotation>
      <xs:documentation>F - Wagon loaded with people</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="11">
    <xs:annotation>
      <xs:documentation>F - Wagon other than bogie wagon with wheelbase of more than 9 metres</xs:documentation>
    </xs:annotation>
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  <xs:enumeration value="12">
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    <xs:annotation>
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  </xs:enumeration>
  <xs:enumeration value="15">
    <xs:annotation>
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        <xs:documentation>F - Gas carrying tank wagon with orange side stripe</xs:documentation>
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        <xs:documentation>P (+F) - CCS fault (see CCS coding list)</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
        <xs:documentation>P (+F) - Braking system fault</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
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        <xs:documentation>P (+F) - Wheelset, bogie fault</xs:documentation>
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        <xs:documentation>P (+F) - Headlighting or back lighting fault</xs:documentation>
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<xs:enumeration value="34">
    <xs:annotation>
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    </xs:annotation>
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<xs:enumeration value="52">
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<xs:enumeration value="62">
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	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;F - Shunt with care (1 red triangle)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="71"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;F - Shunt with special care (2 red triangle)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="90"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P - Train planned with passengers operated without passengers&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="91"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P - Train planned without passengers operated with passengers&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="92"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P - Train planned with hauled rolling stock and operated without any coaches (light engine)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="94"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;F - Gas carrying wagon without orange side stripe&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="99"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P - Other&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
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**simpleType RunningStatus**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																			
type	restriction of <b>xs:token</b>																																			
properties	base xs:token																																			
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>00</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Not specified</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Arrival at destination</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Departure at origin</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation</td> <td></td> </tr> </table>				Kind	Value	Annotation		enumeration	00	documentation				Not specified		enumeration	01	documentation				Arrival at destination		enumeration	02	documentation				Departure at origin		enumeration	03	documentation	
Kind	Value	Annotation																																		
enumeration	00	documentation																																		
		Not specified																																		
enumeration	01	documentation																																		
		Arrival at destination																																		
enumeration	02	documentation																																		
		Departure at origin																																		
enumeration	03	documentation																																		

	enumeration 04	Intermediate arrival documentation
	enumeration 05	Intermediate departure documentation
	enumeration 06	Pass through documentation
	enumeration 07	NEW CODES: Some IMs are transmitting these codes (6 - 9)
	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
	enumeration 15	documentation Wagon run-through at reporting point by train
	enumeration 16	documentation Wagon parked at reporting point
	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 the reporting point.
source	<pre> &lt;xs:simpleType name="RunningStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the status of a train related to the actual time at the reporting point.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="00"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Not specified&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="01"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Arrival at destination&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="02"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Departure at origin&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="03"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Intermediate arrival&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="04"&gt;</pre>	

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    <xs:documentation>Pass through</xs:documentation>
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<xs:enumeration value="06">
  <xs:annotation>
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(6 - 9)</xs:documentation>
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train</xs:documentation>
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<xs:enumeration value="13">
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train</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
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train</xs:documentation>
  </xs:annotation>
```

```

</xs:enumeration>
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**simpleType TrainCC\_SystemCode**

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type	restriction of <b>xs:token</b>		
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
	enumeration 33
	enumeration 34
	enumeration 35
	enumeration 36
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	enumeration 38
	enumeration 39
	enumeration 40
	enumeration 41
	enumeration 42
	enumeration 43
	enumeration 44
	enumeration 45
	enumeration 46
	enumeration 47
	enumeration 48
	enumeration 49
	enumeration 50
	enumeration 51
	enumeration 52
	enumeration 53
	enumeration 54
annotation	<p>documentation</p> <p>Type of Train Control System</p> <p>Identifies the command control system of the train in coded values.</p> <ul style="list-style-type: none"><li>1 ALSN</li><li>2 ASFA</li><li>3 ATB 1st Gen</li><li>4 ATB Next Gen</li><li>5 ATC</li><li>6 ATP</li></ul>

	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 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
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	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 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> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/>
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**simpleType TypeOfIMHarmonizationCode**

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Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
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**simpleType TypeOfInformationCode**

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Kind	Value	Annotation																																																										
minInclusive	0																																																											
maxInclusive	99																																																											
enumeration	1	documentation harmonisation - in process																																																										
enumeration	2	documentation harmonisation - accepted																																																										
enumeration	3	documentation harmonisation - rejected																																																										
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enumeration	11	documentation observation - in process																																																										
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enumeration	13	documentation preparation of final offer - in process																																																										
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enumeration	15	documentation preparation of final offer - rejected																																																										
enumeration	16	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
	enumeration 34	Path canceled partial documentation
	enumeration 40	Fully Assembled Path (FAP, constructed path) documentation
	enumeration 42	Preparation of draft offer – accepted documentation
	enumeration 43	Preparation of draft offer – rejected documentation
	enumeration 44	Draft offer rejected documentation
	enumeration 45	Draft no alternative available documentation
	enumeration 50	activate path (utilisation notification) documentation
	enumeration 51	deactivate path (utilisation notification) documentation
	enumeration 52	confirmation of utilisation notification documentation
	enumeration 53	Path and train cancelled documentation
	enumeration 65	Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) documentation
	enumeration 66	Booked after route update (used in PathDetailsMessage) documentation
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Kind	Value	Annotation																	
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**simpleType TypeOfRequestCode**

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Kind	Value	Annotation														
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**simpleType TypeOfRUHarmonizationCode**

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source	<pre>&lt;xs:simpleType name="TypeOfRUHarmonizationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of RU harmonization: Full, Part, None.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="Full"/&gt;     &lt;xs:enumeration value="Part"/&gt;     &lt;xs:enumeration value="None"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType UnitType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:token</b>		
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> &lt;xs:simpleType name="UnitType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the type of a Transportation unit.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Container&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Other intermodal traffic&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="4"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Rolling road (RR)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="6"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Semi-trailer on bogies&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="10"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Container less than 20'&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="11"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Container 20'&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="12"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Container 30'&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="13"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Container 40'&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="40"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Semi-trailer truck/articulated lorry&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="41"&gt;       &lt;xs:annotation&gt; </pre>

	<pre> &lt;xs:documentation&gt;Road tractor&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="42"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Lorry without trailer&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="43"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Lorry with trailer&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="50"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Semi-trailer/road semi-trailer&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="51"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Swap bodies&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
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attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of <b>xs:token</b>		
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 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 documentation IM Path Tariff Point documentation Price Segment change between two IM Networks. 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
	enumeration 13	Section is inside of the location considered part of a track. documentation Twin track point documentation
	enumeration 14	The spot where is end or start of the twinned track section. documentation Retarder (rail brake) documentation
	enumeration 15	Trackside equipment to control the speed of the wagons running from the shunting hump. documentation Platform documentation
	enumeration 16	The area next to the track which has been raised to make access to railway vehicles easier. documentation Railing documentation
	enumeration 17	barrier Safety equipment used to prevent access to the track by people and animals. documentation Movable scotch block documentation
	enumeration 18	Safety equipment across the track avoiding any unnecessary moving beyond that point. documentation Derailing stop / Trap points / Catch points documentation
	enumeration 19	Safety equipment is on one rail avoiding any unnecessary moving beyond that point. documentation Loading equipment documentation
	enumeration 20	Special equipment to facilitate the loading and unloading on the Public Loading Places. documentation Weighbridge documentation

	enumeration 21	Special equipment is to facilitate the measure of the weight of the wagon. 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 allow a railway line to pass under the surface.
	enumeration 25	documentation Underpass documentation Undercrossing or underground passage under the railway track. (Not used by trains)
	enumeration 26	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
	enumeration 37	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
		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
	enumeration 42	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).
	enumeration 43	documentation
		Passengers cars public loadingIs 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 Intermodal Terminal documentation	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 OSJD system based location documentation	OSJD system based location	
	enumeration 59	documentation Train Service Substitute Stop documentation	Location code used within OSJD	
	enumeration 60	documentation Multifunctional rail terminal documentation	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.	
			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 Relief facility documentation
	enumeration 66	Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location. documentation Location ENEE Code documentation
	enumeration 70	Legacy ENEE code of the parent primary location. Different coding of primary location. documentation Network Border documentation
	enumeration 71	Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location. documentation State border documentation
	enumeration 72	Political border between two member states. Attribute of primary location. documentation Administrative border documentation
	enumeration 74	Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location. documentation Operational handover documentation
	enumeration 75	Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location. documentation Planning handover documentation
	enumeration 76	Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location. documentation Other technical facility documentation
	enumeration 90	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. documentation
	enumeration 99	Test Loc documentation Relation to Station documentation
		An indicator used to show that this location is a subsidiary of another location.
source	<pre>&lt;xs:attribute name="LocationSubsidiaryTypeCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Not Defined&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;not used&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;</pre>	

```
<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>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>Sorting Code</xs:documentation>
    <xs:documentation>Destination station of the wagon has a code in
order to provide shunting technology.</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Vehicle Parking Points</xs:documentation>
    <xs:documentation>All points (tracks)</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Public Loading Places</xs:documentation>
    <xs:documentation>Is a type of physical location on the open
access network where consignor or consignee can load or unload
wagons</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Private Loading Places</xs:documentation>
    <xs:documentation>Is a type of physical location outside the open
access network where consignor or consignee can load or unload
wagons</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>IM Path Tariff Point</xs:documentation>
    <xs:documentation>Price Segment change between two IM
Networks.</xs:documentation>
</xs:annotation>
</xs:enumeration>
</xs:enumeration>
```

	<pre>&lt;xs:enumeration value="9"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Depot / Maintenance workshop.     Place for overhaul or maintenance of the rolling stock.                                      &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Switch/turnout&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The location where two tracks meet or diverge.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Grade Crossing&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The location where two tracks on the same level cross each other.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Section of the track&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Section is inside of the location considered part of a track.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Twin track point&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The spot where is end or start of the twinned track section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="14"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Retarder (rail brake)&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Trackside equipment to control the speed of the wagons running from the shunting hump.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="15"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Platform&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The area next to the track which has been raised to make access to railway vehicles easier.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="16"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Railing&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;barrier Safety equipment used to prevent access to the track by people and animals.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="17"&gt;</pre>
--	--

```
<xs:annotation>
  <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">
  <xs:annotation>
    <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>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>Loading equipment</xs:documentation>
    <xs:documentation>Special equipment to facilitate the loading and unloading on the Public Loading Places.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Weighbridge</xs:documentation>
    <xs:documentation>Special equipment is to facilitate the measure of the weight of the wagon.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <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>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <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>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Bridge</xs:documentation>
    <xs:documentation>Special built structure is over the road</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Tunnel</xs:documentation>
    <xs:documentation>Structure 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>
<xs:enumeration value="26">
  <xs:annotation>
    <xs:documentation>Block section</xs:documentation>
    <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>
</xs:enumeration>
<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>
<xs:enumeration value="28">
  <xs:annotation>
    <xs:documentation>Sign and board</xs:documentation>
    <xs:documentation>Equipment to inform the board staff for train
traffic and shunting.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
  <xs:annotation>
    <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">
  <xs:annotation>
    <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>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Balise</xs:documentation>
    <xs: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.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>Hot spot detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects hot wheels or
axle-box on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
```

```
<xs:enumeration value="34">
  <xs:annotation>
    <xs:documentation>Flat wheel detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects flat spots on
wheels on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="35">
  <xs:annotation>
    <xs:documentation>Dynamic wheel load</xs:documentation>
    <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>
<xs:enumeration value="37">
  <xs:annotation>
    <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">
  <xs:annotation>
    <xs:documentation>IM Network link</xs:documentation>
    <xs:documentation>It allows to link two locations from different
IM Networks</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="39">
  <xs:annotation>
    <xs:documentation>Reservation code</xs:documentation>
    <xs:documentation/>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="40">
  <xs:annotation>
    <xs:documentation>Metastation</xs:documentation>
    <xs:documentation>To mark a meta location that forms the link
between different stations that are considered as equal (for the
traveller)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="41">
  <xs:annotation>
    <xs:documentation>CompanySpecificIdentifier</xs:documentation>
    <xs:documentation>Company specific identifier of the primary
location</xs:documentation>
  </xs:annotation>
```

	<pre>&lt;/xs:enumeration&gt; &lt;xs:enumeration value="42"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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).     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="43"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="44"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="45"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Sewage dump Place for cleaning purposes -       disposal of the waste     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="46"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Refuelling Point Location where refuelling       takes place     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="47"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Mains Supply Location where energy supply can be       provided for the rolling stock e.g. preheating     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="48"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Water Supply Location where water supply can be       provided for the rolling stock     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt;</pre>
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	<pre>&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="49"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Compressed plant      Train on a track with motion       stabled with external air supply for braking systems     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="50"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Indoor cleaning platform  Cleaning point -interior     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="51"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Car-wash plant       Cleaning point -outdoor     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="52"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Short dry-cleaning track  Cleaning point     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="53"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Pollution protective plateTrack where floor that       avoids pollution of the earth below     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="54"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Sand-filling station     Location where sand is       filled     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="55"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Repair track Location where a train/wagon/engine       can be repaired     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="56"&gt;   &lt;xs:annotation&gt;</pre>
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	<pre> &lt;xs:documentation&gt;     Signal box    The location of a building containing signalling equipment &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="57"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Intermodal Terminal&lt;/xs:documentation&gt;         &lt;xs:documentation&gt; 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 &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="58"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;OSJD system based location&lt;/xs:documentation&gt;         &lt;xs:documentation&gt;Location code used within OSJD&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="59"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Train Service Substitute Stop&lt;/xs:documentation&gt;         &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="60"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Multifunctional rail terminal&lt;/xs:documentation&gt;         &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="61"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Relief facility&lt;/xs:documentation&gt;         &lt;xs:documentation&gt;Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="66"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Location ENEE Code&lt;/xs:documentation&gt;         &lt;xs:documentation&gt;Legacy ENEE code of the parent primary location. Different coding of primary location.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="70"&gt;     &lt;xs:annotation&gt; </pre>
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location.</xs:documentation>
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Attribute of primary location.</xs:documentation>
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planning and path allocation changes or can change between two involved IMs.
Attribute of primary location.</xs:documentation>
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<xs:documentation>Other technical facility</xs:documentation>
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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
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<xs:documentation>An indicator used to show that this location is
a subsidiary of another location.</xs:documentation>
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attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																						
type	restriction of <b>xs:token</b>																																						
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>PLA</td> <td>documentation Public Location Arrival</td> </tr> <tr> <td>enumeration</td> <td>PLD</td> <td>documentation Public Location Departure</td> </tr> <tr> <td>enumeration</td> <td>ELA</td> <td>documentation Earliest Location Arrival</td> </tr> <tr> <td>enumeration</td> <td>ELD</td> <td>documentation Earliest Location Departure</td> </tr> <tr> <td>enumeration</td> <td>LLA</td> <td>documentation Latest Location Arrival</td> </tr> <tr> <td>enumeration</td> <td>LLD</td> <td>documentation Latest Location Departure</td> </tr> <tr> <td>enumeration</td> <td>ALA</td> <td>documentation Actual Location Arival</td> </tr> <tr> <td>enumeration</td> <td>ALD</td> <td>documentation Actual Location Departure</td> </tr> <tr> <td>enumeration</td> <td>ERT</td> <td>documentation Earliest Run Through</td> </tr> <tr> <td>enumeration</td> <td>ART</td> <td>documentation Actual Run Through</td> </tr> <tr> <td>enumeration</td> <td>LRT</td> <td>documentation Latest Run Through</td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	PLA	documentation Public Location Arrival	enumeration	PLD	documentation Public Location Departure	enumeration	ELA	documentation Earliest Location Arrival	enumeration	ELD	documentation Earliest Location Departure	enumeration	LLA	documentation Latest Location Arrival	enumeration	LLD	documentation Latest Location Departure	enumeration	ALA	documentation Actual Location Arival	enumeration	ALD	documentation Actual Location Departure	enumeration	ERT	documentation Earliest Run Through	enumeration	ART	documentation Actual Run Through	enumeration	LRT	documentation Latest Run Through
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