

**ERI Documentation**

**ERINOT 1.2 IFTDGN announcement**

**EDIFACT - XML Mapping**

**Inhoud**

- 1 Introduction ..... 2
  - 1.1 General ..... 2
  - 1.2 List of versions ..... 2
  
- 2 Scheme overview ..... 3
  - 2.1 ERINOT ..... 3
  - 2.2 ERIRSP ..... 7
  
- 3 EDI – XML Mapping ..... 9
  - 3.1 ERINOT XML Mapping ..... 9
  - 3.2 ERIRSP XML Mapping ..... 66
  
- 4 XML Examples ..... 73
  - 4.1 ERINOT XML example ..... 73
  - 4.2 ERIRSP XML example ..... 77

## 1 Introduction

### 1.1 General

This document details the technical requirements for converting ISRS EDIFACT messages to and from XML messages. The messages are the notification message (ERINOT=IFTDGN98B) and the response message (ERIRSP=APERAK98B).

First an overview is given followed by the Scheme definitions as generated by the XML tool used to enter the scheme definitions. Then the mapping is defined. Finally generated examples are given.

### 1.2 List of versions

<u>Version</u>	<u>Date</u>	<u>Description</u>
A(1)	14-01-04	Initial
A(2)	19-01-04	Modified layout
B	09-06-04	XSD modifications
C	06-08-04	XSD modification: <i>ERINOT:</i> Element PackingGroup is optional. Element Country an2->an2..3 Element Fairwaysection an5->an0..7 (supporting older codes also) Element Terminalcode an5-an0..10 Element TerminalName an..70 added Group ContainerMatrixes/Container -> ContainerMatriexes/ContainerMatrix Group NameAddress\Contact\CommsContact can repeat 0..3. Group GoodSplitGoodsPlacement added for non-dangerous <i>ERIRSP</i> Group NamesAdresses added (to be consistent with erinot) Element Country an2->an2..3
D	10-08-08	Document based on ERI12 standard (XSD versions 1.2c)
E	01-10-10	Document checked against EU regulation 164/2010

## 2 Scheme overview

This section gives an overview of the used XML structure and describes the most important sections (top levels) in it.

### 2.1 ERINOT

XML Element	M / C	Format	Remarks
<ERINOT xmlns="http://www.risexpertgroups.org/ERINOT1.2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" VersionMajor="0" VersionMinor="0">	M		
<MessageId>	M		
<SenderId>String</SenderId>	M	An..25	
<ReceiverId>String</ReceiverId>	M	An..25	
<GenerationDateTime>2001-12-17T09:30:47-05:00</GenerationDateTime>	M		Date/Time: yyyy-mm-dd hh-mm-ss ....
<AckRequest>1</AckRequest>	C	An..1	
<TestIndicator>1</TestIndicator>	C	An..1	
<MessageType>VES</MessageType>	M	An..3	
<MessageNo>String</MessageNo>	M	An..35	
<MessageFunction>1</MessageFunction>	M	N1	1= cancellation, 9=new message, 5=modification
<CommonDenominator>String</CommonDenominator>	C	An..35	
</MessageId>			
<EDIMapping>	M		
<Syntax>String</Syntax>	M		
<SyntaxVersion>String</SyntaxVersion>	M		
<MessageType>String</MessageType>	M		
<MessageVersion>String</MessageVersion>	M		
<MessageRelease>String</MessageRelease>	M		
<MessageControllingAgency>String</MessageControllingAgency>	M		
<AssociationAssignedCode>String</AssociationAssignedCode>	M		
</EDIMapping>			
<SafetyExplanation>	C		
<Signalling>0</Signalling>	C	An1	
<PersonsOnBoard>9999</PersonsOnBoard>	M	N4	Total number of persons on board. Crew and Pax.
<PassengersOnBoard>9999</PassengersOnBoard>	C	N4	Pax (incl. stowaways) on Board
</SafetyExplanation>			
<PrivacyStatement>Y</PrivacyStatement>	C	An1	
<MessageRef>String</MessageRef>	C	An..35	Reference to previous message
<TransportDocRef>String</TransportDocRef>	C	An..35	
<TestScenarioRef>String</TestScenarioRef>	C	An..35	
<Transport>	M		
<TransportDetails StageQualifier="20">	M		
<VoyageNo>String</VoyageNo>	M	An..17	
<TransportMode>1</TransportMode>	M	An1	
<TransportMeans>Stri</TransportMeans>	M	An..4	
<Vessel>	M		Main Hull (namegiving)
<VesselId>String</VesselId>	M	An7..8	
<VesselIDType>OFS</VesselIDType>	M	An3	
</Vessel>			
<VesselName>String</VesselName>	M	An..35	
<Nationality>Str</Nationality>	M	An2..3	
</TransportDetails>			
<TransportDimensions>	M		
<Length>99999</Length>	M	N5	In CM
<Width>9999</Width>	M	N4	In CM
<Draught>9999</Draught>	M	N4	In CM
<Tonnage>99999</Tonnage>	M	N5	In Metric Tons (???)
<Aircraft>9999</Aircraft>	C	N4	In CM
</TransportDimensions>			
<TransportReference>	C		
<RefQualifier>Str</RefQualifier>	M	An3	
<RefNo>String</RefNo>	M	An..35	

</TransportReference>			
<TransportLocations>	M		
<PortOfDeparture>	M		
<Locode>Strin</Locode>	M	An5	
<LocationName>String</LocationName>	C	An..17	
<TerminalCode>String</TerminalCode>	C	An..10	
<TerminalName>String</TerminalName>	C	An..70	
<FairwaySectionCode>String</FairwaySectionCode>	C	An..7	
<FairwayHectometre>Strin</FairwayHectometre>	C	An..5	
</PortOfDeparture>			
<PassagePoint>	C		Passagepoint (for passage messages)
<Locode>Strin</Locode>	M	An5	
<LocationName>String</LocationName>	C	An..17	
<TerminalCode>String</TerminalCode>	C	An..10	
<TerminalName>String</TerminalName>	C	An..70	
<FairwaySectionCode>String</FairwaySectionCode>	C	An..7	
<FairwayHectometre>Strin</FairwayHectometre>	C	An..5	
</PassagePoint>			
<NextPortOfCall>	C		First reporting point
<Locode>Strin</Locode>	M	An5	
<LocationName>String</LocationName>	C	An..17	
<TerminalCode>String</TerminalCode>	C	An..10	
<TerminalName>String</TerminalName>	C	An..70	
<FairwaySectionCode>String</FairwaySectionCode>	C	An..7	
<FairwayHectometre>Strin</FairwayHectometre>	C	An..5	
</NextPortOfCall>			
<RoutePoints>	C		0-5 Via points
<RoutePoint>	M		
<Locode>Strin</Locode>	M	An5	
<LocationName>String</LocationName>	C	An..17	
<TerminalCode>String</TerminalCode>	C	An..10	
<TerminalName>String</TerminalName>	C	An..70	
<FairwaySectionCode>String</FairwaySectionCode>	C	An..7	
<FairwayHectometre>Strin</FairwayHectometre>	C	An..5	
</RoutePoint>			
<RoutePointPassageTime>2001-12-17T09:30:47-05:00</RoutePointPassageTime>	C		DateTime yyyy-mm-dd hh-mm-ss
</RoutePoints>			
<PortOfDestination>	M		
<Locode>Strin</Locode>	M	An5	
<LocationName>String</LocationName>	C	An..17	
<TerminalCode>String</TerminalCode>	C	An..10	
<TerminalName>String</TerminalName>	C	An..70	
<FairwaySectionCode>String</FairwaySectionCode>	C	An..7	
<FairwayHectometre>Strin</FairwayHectometre>	C	An..5	
</PortOfDestination>			
<ETD>2001-12-17T09:30:47-05:00</ETD>	C		DateTime
<PassageTime>2001-12-17T09:30:47-05:00</PassageTime>	C		DateTime
<ETA>2001-12-17T09:30:47-05:00</ETA>	C		DateTime
</TransportLocations>			
</Transport>			
<MessageSenderAddress>	M		
<NameAddress>	M		
<PartyFunction>MS</PartyFunction>	M	An..3	
<PartyId>String</PartyId>	C	An..35	
<PartyName>String</PartyName>	M	An..35	
<Street>String</Street>	C	An..35	
<City>String</City>	C	An..35	
<PostalCode>String</PostalCode>	C	An..9	
<Country>Str</Country>	C	An2..3	
<InvoiceNumber>String</InvoiceNumber>	C	An..35	Invoice or admin reference number
</NameAddress>			
<Contact>	C		
<ContactInformation>String</ContactInformation>	C	An..35	
<CommsContact>	C		Max. 4
<CommsNo>String</CommsNo>	M	An..70	
<CommsChannel>TE</CommsChannel>	M	An..3	
</CommsContact>			
</Contact>			
</MessageSenderAddress>			

<MessageReceiverAddress>	C		
<NameAddress>	M		
<PartyFunction>MS</PartyFunction>	M	An..3	
<PartyId>String</PartyId>	C	An..35	
<PartyName>String</PartyName>	M	An..35	
<Street>String</Street>	C	An..35	
<City>String</City>	C	An..35	
<PostalCode>String</PostalCode>	C	An..9	
<Country>Str</Country>	C	An2..3	
<InvoiceNumber>String</InvoiceNumber>	C	An..35	Invoice or admin reference number
</NameAddress>			
<Contact>	C		
<ContactInformation>String</ContactInformation>	C	An..35	
<CommsContact>	C		Max. 4 Communication numbers per address (telephone, fax etc)
<CommsNo>String</CommsNo>	M	An..70	
<CommsChannel>TE</CommsChannel>	M	An..3	
</CommsContact>			
</Contact>			
</MessageReceiverAddress>			
<AgentInvoiceAddress>	C		
<NameAddress>	M		
<PartyFunction>MS</PartyFunction>	M	An..3	
<PartyId>String</PartyId>	C	An..35	
<PartyName>String</PartyName>	M	An..35	
<Street>String</Street>	C	An..35	
<City>String</City>	C	An..35	
<PostalCode>String</PostalCode>	C	An..9	
<Country>Str</Country>	C	An2..3	
<InvoiceNumber>String</InvoiceNumber>	C	An..35	Invoice or admin reference number
</NameAddress>			
<Contact>	C		
<ContactInformation>String</ContactInformation>	C	An..35	
<CommsContact>	C		Max. 4
<CommsNo>String</CommsNo>	M	An..70	
<CommsChannel>TE</CommsChannel>	M	An..3	
</CommsContact>			
</Contact>			
</AgentInvoiceAddress>			
<Barges>	M		List of barges in transport (transport combinations)
<Barge>	M		Max. 15
<Bargeld>	M		
<VesselId>String</VesselId>	M	An7..8	
<VesselIDType>OFS</VesselIDType>	M	An3	
</Bargeld>			
<BargeType>Str</BargeType>	M	An..4	
<BargeName>String</BargeName>	M	An..35	
<EquipmentType>BRY</EquipmentType>	M	An..3	
<BargeDimensions>	M		
<Length>99999</Length>	M	N5	In CM
<Width>9999</Width>	M		In CM
<Draught>9999</Draught>	M		In CM
<Tonnage>99999</Tonnage>	M		In Metric tons
<Airdraft>9999</Airdraft>	C		In CM
</BargeDimensions>			
</Barge>			
</Barges>			
<ContainerMatrixes>	C		Container totals (20, 30, 40ft)
<ContainerMatrix>	M		Max. 9
<ContRange>RNG20</ContRange>	M	An..5	
<Number>0</Number>	M	N4	
<ContStatus>4</ContStatus>	M	An1	
</ContainerMatrix>			
</ContainerMatrixes>			
<Consignments>	C		
<Consignment>	M		Max. 999
<SequenceNo>9999</SequenceNo>	M	N4	
<DepartureTime>2001-12-17T09:30:47-05:00</DepartureTime>	C		DateTime
<PortOfLoading>	C		
<Locode>Strin</Locode>	M	An5	

<LocationName>String</LocationName>	C	An..17	
<TerminalCode>String</TerminalCode>	C	An..10	
<TerminalName>String</TerminalName>	C	An..70	
<FairwaySectionCode>String</FairwaySectionCode>	C	An..7	
<FairwayHectometre>Strin</FairwayHectometre>	C	An..5	
</PortOfLoading>			
<PortOfDischarge>	C		
<Locode>Strin</Locode>	M	An5	
<LocationName>String</LocationName>	C	An..17	
<TerminalCode>String</TerminalCode>	C	An..10	
<TerminalName>String</TerminalName>	C	An..70	
<FairwaySectionCode>String</FairwaySectionCode>	C	An..7	
<FairwayHectometre>String</FairwayHectometre>	C	An..5	
</PortOfDischarge>			
<CargoReceiver>	C		
<PartyFunction>MS</PartyFunction>	M	An..3	
<PartyId>String</PartyId>	C	An..35	
<PartyName>String</PartyName>	M	An..35	
<Street>String</Street>	C	An..35	
<City>String</City>	C	An..35	
<PostalCode>String</PostalCode>	C	An..9	
<Country>Str</Country>	C	An2..3	
<InvoiceNumber>String</InvoiceNumber>	C	An..35	Invoice or admin reference number
</CargoReceiver>			
<CargoSender>	C		
<PartyFunction>MS</PartyFunction>	M	An..3	
<PartyId>String</PartyId>	C	An..35	
<PartyName>String</PartyName>	M	An..35	
<Street>String</Street>	C	An..35	
<City>String</City>	C	An..35	
<PostalCode>String</PostalCode>	C	An..9	
<Country>Str</Country>	C	An2..3	
<InvoiceNumber>String</InvoiceNumber>	C	An..35	Invoice or admin reference number
</CargoSender>			
<ArrivalTime>2001-12-17T09:30:47-05:00</ArrivalTime>	C		DateTime
<CargoHandeling>T</CargoHandeling>	C		
<GoodsItems>	M		
<GoodsItem>	M		Max. 99 per consignment
<GoodsItemNo>99999</GoodsItemNo>	M	N5	
<NumberOfPackages>99999999</NumberOfPackages>	C	N8	
<AdditionalInfo>	C		
<TypeOfGood>D</TypeOfGood>	M	An1	
<HSCode>String</HSCode>	C	An6..10	
<CustomsStatus>T</CustomsStatus>	C	An1	
<CustomsRefNo>String</CustomsRefNo>	C	An..35	
<Overseas>Y</Overseas>	C	An1	
</AdditionalInfo>			
<GoodsDescription>	C		
<GoodsName>String</GoodsName>	M	An..70	
<NSTRCode>String</NSTRCode>	C	An6	
<HSCode>String</HSCode>	C	An6..10	
<GoodsFreeRemark>String</GoodsFreeRemark>	C	An..70	
</GoodsDescription>			
<DangerousGoodsInfo>	C		
<DangerousGoods>	M		
<Regulation>ANR</Regulation>	M	An3	
<Classification>String</Classification>	M	An..7	
<AdditionalClassification>Text</AdditionalClassification>	C		
<UNNumber>Stri</UNNumber>	M	An4	
<Flashpoint>3.14159</Flashpoint>	C		
<FlashpointUnit>CEL</FlashpointUnit>	C	An3	
<PackingGroup>S</PackingGroup>	C	An1	
<EMSNumber>String</EMSNumber>	C	An..6	
<MFAGNumber>Stri</MFAGNumber>	C	An..4	
<HazardPlacard>	C		
<HazardPlacardUpper>Stri</HazardPlacardUpper>	C	An..4	
<HazardPlacardLower>Stri</HazardPlacardLower>	C	An..4	
</HazardPlacard>			
</DangerousGoods>			

<TechnicalName>String</TechnicalName>	M	An..70	
<NetWeight>0</NetWeight>	M		
<Synonym>String</Synonym>	C	An..70	
</DangerousGoodsInfo>			
<GoodSplitGoodsPlacements>	M		Max. 99
<SplitGoodsPlacement>	M		
<Placement>	M		Barge where good is stowed on
<VesselId>Stringa</VesselId>	M	An7..8	
<VesselIDType>OFS</VesselIDType>	M	An3	
</Placement>			
<Weight>999999999</Weight>	M	N9	
<NetWeight>0</NetWeight>	C		
<Volume>0</Volume>	C	N9	
</SplitGoodsPlacement>			
<ContainerStowage>	C		Max. 99 containers per good
<ContainerIdentificationCode>String </ContainerIdentificationCode>	M	An..17	
<ContainerType>Stri</ContainerType>	C	An4	
<StowageLocation>String</StowageLocation>	C	An..25	
<Weight>999999999</Weight>	M	N9	
<NetWeight>0</NetWeight>	C		
<Volume>0</Volume>	C	N9	
</ContainerStowage>			
</GoodSplitGoodsPlacements>			
<TypeOfPackages>St</TypeOfPackages>	C	An2	Innerpackage
</GoodsItem>			
</GoodsItems>			
</Consignment>			
</Consignments>			
</ERINOT>			

## 2.2 ERIRSP

XML Element	M / C	Format	Remarks
<ERIRSP xmlns="http://www.risexpertgroups.org/ERIRSP1.2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.risexpertgroups.org/ERIRSP1.2 Y:\ERIGUI~1.0\ERIRSP_SRS_V1.2c.xsd" VersionMajor="0" VersionMinor="0">	M		
<MessageId>	M		
<SenderId>String</SenderId>	M		
<ReceiverId>String</ReceiverId>	M		
<GenerationDateTime>2001-12-17T09:30:47-05:00</GenerationDateTime>	M		
<AckRequest>1</AckRequest>	C		
<TestIndicator>1</TestIndicator>	C		
<MessageType>VES</MessageType>	M		
<MessageNo>String</MessageNo>	M		
<MessageFunction>9</MessageFunction>	M		
<CommonDenominator>String</CommonDenominator>	C		RefNo to group several msgs of same journey
<ResponseType>AP</ResponseType>	M		Approval or rejection
</MessageId>			
<EDIMapping>	M		
<Syntax>String</Syntax>	M		
<SyntaxVersion>String</SyntaxVersion>	M		
<MessageType>String</MessageType>	M		
<MessageVersion>String</MessageVersion>	M		
<MessageRelease>String</MessageRelease>	M		
<MessageControllingAgency>String</MessageControllingAgency>	M		
<AssociationAssignedCode>String</AssociationAssignedCode>	M		
</EDIMapping>			
<MessageDateTime>2001-12-17T09:30:47-05:00</MessageDateTime>	C		
<MessageRef>String</MessageRef>	C		



<TransportRef>String</TransportRef>	C		
<ErrorInformation>	C		
<ErrorCode>String</ErrorCode>	M		
<ErrorDescription>String</ErrorDescription>	M		
</ErrorInformation>			
<NamesAddresses>	M		Max. 3
<NameAddress>	M		
<PartyFunction>MS</PartyFunction>	M		
<PartyId>String</PartyId>	C		
<PartyName>String</PartyName>	M		
<Street>String</Street>	C		
<City>String</City>	C		
<PostalCode>String</PostalCode>	C		
<Country>Str</Country>	C		
<InvoiceNumber>String</InvoiceNumber>	C		
</NameAddress>			
<Contact>	C		
<ContactInformation>String</ContactInformation>	C		
<CommsContact>	C		
<CommsNo>String</CommsNo>	M		
<CommsChannel>TE</CommsChannel>	M		
</CommsContact>			
</Contact>			
</NamesAddresses>			
</ERIRSP>			

### 3 EDI – XML Mapping

#### 3.1 ERINOT XML Mapping

The following table describes the ERI Notification message in EDI format. The last column (8) defines the XML mapping. Together with the scheme definition this should give sufficient information to create ERINOT1.2 XML messages based on the ERINOT 1.2 Edifact message.

References to another part or chapter should be read as references to the document ‘EU Regulation 164/2010’ on which this mapping document is based.

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	<b>UNB</b>	0	M		<b>INTERCHANGE HEADER</b>		
	S001		M		SYNTAX IDENTIFIER		
	0001		M	a4	Syntax identifier	“UNOA” Controlling agency	<EDIMapping> <Syntax>
	0002		M	n1	Syntax version number	“2”	<EDIMapping> <SyntaxVersion>
	S002		M		INTERCHANGE SENDER		
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name	<MessageId> <SenderId>
	0007			an..4	Partner identification code qualifier	n.a.	
	0008			an..14	Address for reverse routing	n.a.	
	S003		M		INTERCHANGE RECIPIENT		
	0010		M	an..35 (an25)	Recipient identification	Mailbox number or unique name	<MessageId> <ReceiverId>
	0007			an..4	Partner identification code qualifier	n.a.	
	0014			an..14	Routing address	n.a.	
	S004		M		DATE / TIME OF PREPARATION		
	0017		M	n6	Date	Generation date, YYMMDD	<MessageId> <GenerationDateTime>
	0019		M	n4	Time	Generation time, HHMM	<MessageId> <GenerationDateTime>
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number.	-

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	S005		C		RECIPIENTS REFERENCE, PASSWORD		
	0022			an..14	Recipient's reference / password	n.a.	
	0025			an2	Recipient's reference, password qualifier	n.a.	
	0026			an..14	Application reference	n.a.	
	0029			a1	Processing priority code	n.a.	
	0031		C	n1	Acknowledgement request	'1' = Sender requests acknowledgement, i.e. UNB and UNZ segments received and identified	<MessageId> <AckRequest>
	0032			an..35	Communications agreement id	n.a.	
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message	<MessageId> <TestIndicator>
	<b>UNH</b>	0	M		<b>MESSAGE HEADER</b>	Identification, specification and heading of a message	
	0062		M	an..14	Message reference number	First 14 positions of the message reference number.	-
	S009		M		MESSAGE IDENTIFIER		
	0065		M	an..6	Message type	"IFTDGN", message type	<EDIMapping> <Messagetype>
	0052		M	an..3	Message version number	"D",	<EDIMapping> <MessageVersion>
	0054		M	an..3	Message release number	"98B"	<EDIMapping> <MessageRelease>
	0051		M	an..2	Controlling agency	"UN",	<EDIMapping> <MessageControllingAgency>
	0057		M	an..6	Association assigned code	"ERI12", ERI version 1.2	<EDIMapping> <AssociationAssignedCode>
	0068			an..35	Common access reference	The reference code to have a common denominator for all messages for the same voyage	<MessageId> <Common Denominator>
	S010				STATUS OF THE TRANSFER		
	0070			n..2	Sequence of transfers	n.a.	
	0073			a1	First and last transfer	n.a.	





Segment Group	Segment Composite data element (C) Data element  TAG	Level 3	Mandatory Conditional 4	Format 5	Name 6	Description Qualifiers in notation marks 7	XML Mapping 8
	<b>FTX (2)</b>	1	C		<b>FREE TEXT</b>	<b>To indicate whether the information in the message may be forwarded by the receiver to other authorities</b>	
	4451		M	an..3	Text subject code qualifier	“ACK” for “Privacy statement” or “Confidential nature”	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	an..70 (a1)	Free text	“Y” = Yes, “N” = No	<PrivacyStatement>
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	3453			an..3	Language, coded	n.a.	
	4447			an..3	Text formatting, coded	n.a.	
	<b>FTX (3)</b>		C		<b>FREE TEXT</b>	<b>Reason for cancellation</b>	
	4451		M	an..3	Text subject code qualifier	“ACD” for “cancellation reason”	-
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441		M	an..17	Free text identification	“CAM” = mistake in notification, “CAO”= transport does not take place, “CAV”= the main transport destination has changed, “CHD”= the time of arrival has changed	-
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	an..70 (a1)	Free text	Free description of the reason	-
	4440		C	an..70	Free text	Free text for further explanation	-
	4440		C	an..70	Free text	Free text for further explanation	-
	4440		C	an..70	Free text	Free text for further explanation	-
	4440		C	an..70	Free text	Free text for further explanation	-
	3453			an..3	Language, coded	n.a.	
	4447			an..3	Text formatting, coded	n.a.	
	<b>HAN(1)</b>	1	D				
	C524		M		Handling instructions, coded	Default “T”. T = Transit, LLO = Loading, LDI = Unloading, TSP = Transit in the same port	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	1131		C		Code list qualifier	n.a.	
	3055		C		Code list responsible agency, coded	n.a.	
	4078		C		Handling instructions	n.a.	
	C218		C		HAZOURDOUS MATERIAL	n.a.	
	7419		C		Hazourdots material class code, identification	n.a.	
	1131		C		Code list qualifier	n.a.	
	3055		C		Code list responsible agency, coded	n.a.	
	7418		C		Hazourdots material class	n.a.	
	<b>RFF (1)</b>	1	C		<b>REFERENCE</b>	Reference to the message for which the current message is a <b>replacement</b> . Mandatory if the message is a modification message	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"ACW" for reference number to previous message	
	1154		M	an..35 (an15)	Reference number	Message reference number from BGM, TAG 1004 of the message this message replaces.	<MessageRef>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
	<b>RFF (2)</b>	1	C		<b>REFERENCE</b>	Reference to <b>transport document</b>	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"FF" for "freight forwarder's reference number"	
	1154		M	an..35	Reference number	Reference number of the transport document	<TransportDocRef>
	1156		C	an..6	Line number	n.a.	
	4000		C	an..35	Reference version number	n.a.	
	1060		C	an..6	Revision number	n.a.	

Segment Group	Segment	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
	Composite data element (C) Data element  TAG						
1	2	3	4	5	6	7	8
	<b>RFF (3)</b>	1	C		<b>REFERENCE</b>	Reference to a <b>test scenario</b>	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	“ADD” for test number	
	1154		M	an..35	Reference number	Test scenario identification, which should be known at the receiving party	<TestScenarioRef>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	<b>TDT</b>	1	M		<b>DETAILS OF TRANSPORT</b>	Specification of the means of transport, the <b>naming vessel within a convoy</b> (a single vessel without barge is also a convoy in this context)	
	8051		M	an..3	Transport stage code qualifier	“20” for main carriage transport	<Transport> <TransportDetails StageQualifier="20">
	8028		C	an..17	Conveyance reference number	Voyage number, defined by sender of the message.	<Transport> <TransportDetails StageQualifier="20"> <VoyageNo>
	C220		M		MODE OF TRANSPORT		
	8067		M	an..3	Mode of transport, coded	“8” for Inland water transport”, “1” for maritime transport (see UN/ECE Rec. 19)	<Transport> <TransportDetails StageQualifier="20"> <TransportMode>
	8066			an..17	Mode of transport	n.a.	
	C228		M		TRANSPORT MEANS		
	8179		M	an..8 (an4)	Type of means of transport identification, <b>convoy type</b>	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Part 2, Chapter 4.2.1	<Transport> <TransportDetails StageQualifier="20"> <TransportMeans>
	8178			an..17	Type of means of transport	n.a.	
	C040				CARRIER	n.a.	
	3127			an..17	Carrier identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3128			an..35	Carrier name	n.a.	
	8101			an..3	Transit direction, coded	n.a.	
	C401				EXCESS TRANSPORTATION INFORMATION		
	8457			an..3	Excess transportation reason	n.a.	
	8459			an..3	Excess transportation responsibility	n.a.	
	7130			an..17	Customer authorization number	n.a.	
	C222		M		TRANSPORT IDENTIFICATION		
	8213		M	an..9 (an7..8)	ID. of means of transport identification	Vessel <b>number</b> : 7 digits for OFS or IMO indication, 8 digits for ERI indication	<Transport> <TransportDetails StageQualifier="20"> <Vessel> <VesselId>
	1131		M	an..3	Code list qualifier	‘OFS’ for a Official Ship Number of CCNR system, seePart 2, Chapter 4.2.2 ‘IMO’ for an IMO-number, seePart 2, Chapter 4.2.3 ‘ERN’ for all other ships (Electronic Reporting InternationalNumber), see Part 2, Chapter 4.2.4 ‘ENI’ for a unique Europeanvessel identification	<Transport> <TransportDetails StageQualifier="20"> <Vessel> <VesselIDType>

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
						number, see Part 2, Chapter 4.2.5 number, see Part 4, Section 5, No.5.	
	3055			an..3	Code list responsible agency	n.a.	
	8212		M	an..35	Id. Of the means of transport	<b>Name of the ship;</b> If the name results in more than 35 positions, the name of the vessel is shortened.	<Transport> <TransportDetails StageQualifier="20"> <VesselName>
	8453		M	an..3 (an2)	Nationality of means of transport	ISO two-alpha country code 3166-1, see Part 2, Chapter 4.2.12. If the nationality of the means of transport is not known the 3-digit code of the competent authority which issued the European vessel identification number should be used.	<Transport> <TransportDetails StageQualifier="20"> <Nationality>
	8281			an..3	Transport ownership	n.a.	
TDT	<b>RFF (1)</b>	2	M		<b>REFERENCE</b>	Dimensions of the transport, <b>length</b>	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"LEN" = Length	
	1154		M	an..35 (n..5)	Reference number	Total length of the convoy t in centimetres	<Transport> <TransportDimensions> <Length>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	<b>RFF (2)</b>	2	M		<b>REFERENCE</b>	Dimensions of the transport, <b>width</b>	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"WID"	
	1154		M	an..35 (n..4)	Reference number	Total width of the convoy in centimetres	<Transport> <TransportDimensions> <Width>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	<b>RFF (5)</b>	2	M		<b>REFERENCE</b>	Dimensions of the transport, <b>tonnage</b>	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	“TON”	
	1154		M	an..35 (n..5)	Reference number	Maximum capacity of the convoy in metric tonnes	<Transport> <TransportDimensions> <Tonnage>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	<b>RFF (6)</b>	2	C		<b>REFERENCE</b>	<b>National voyage reference, Belgium</b>	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	“GNB”	<Transport> <TransportReference> <RefQualifier>
	1154		M	an..35	Reference number	Government reference of Belgium	<Transport> <TransportReference> <RefNo>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	<b>RFF (7)</b>	2	C		<b>REFERENCE</b>	<b>National voyage reference, France</b>	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	“GNF”	<Transport> <TransportReference> <RefQualifier>
	1154		M	an..35	Reference number	Government reference of France	<Transport> <TransportReference> <RefNo>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	



Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	<b>LOC (1)</b>	2	M		<b>PLACE/LOCATION IDENTIFICATION</b>	<b>Port of departure</b> , the port where the transport starts	
	3227		M	an..3	Place / location qualifier	"5" place of departure	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Part 2, Chapter 4.2.13	<Transport> <TransportLocations> <PortOfDeparture> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the port location	<Transport> <TransportLocations> <PortOfDeparture> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Part 2, Chapter 4.2.15	<Transport> <TransportLocations> <PortOfDeparture> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	Full name of the terminal.	<Transport> <TransportLocations> <PortOfDeparture> <TerminalName>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Part 2, Chapter 4.2.14	<Transport> <TransportLocations> <PortOfDeparture> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometer	<Transport> <TransportLocations> <PortOfDeparture> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	LOC (2)	2	C		<b>PLACE/LOCATION IDENTIFICATION</b>	<b>Passage point that has already being passed</b> by the ship. This segment and the TDT/DTM(2) segment with qualifier 186 are mandatory for passage reports	
	3227		M	an..3	Place / location qualifier	"172" for passage point	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the passage point (lock, bridge, traffic centre), see Part 2, Chapter 4.2.13	<Transport> <TransportLocations> <PassagePoint> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the passage point	<Transport> <TransportLocations> <PassagePoint> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Passage point code	<Transport> <TransportLocations> <PassagePoint> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	n.a.	
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Part 2, Chapter 4.2.14	<Transport> <TransportLocations> <PassagePoint> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Transport> <TransportLocations> <PassagePoint> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	<b>LOC (3)</b>	2	C		<b>PLACE/LOCATION IDENTIFICATION</b>	<b>Next passage point</b>	
	3227		M	an..3	Place / location qualifier	"61 " for next port of call	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the passage point (lock, bridge, VTS centre) , see Part 2, Chapter 4.2.13	<Transport> <TransportLocations> <NextPortOfCall> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the passage point	<Transport> <TransportLocations> <NextPortOfCall> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25	Related place / location one identification	Passage point code	<Transport> <TransportLocations> <NextPortOfCall> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	n.a.	
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Part 2, Chapter 4.2.14	<Transport> <TransportLocations> <NextPortOfCall> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Transport> <TransportLocations> <NextPortOfCall> <FairwayHectometre>
	5479			an..3	Relation	n.a.	
TDT	<b>LOC (4..8)</b>	2	C		<b>PLACE/LOCATION IDENTIFICATION</b>	<b>Further future passage points</b> (information on intended route). At most five intermediate points on the route can	



Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
						be given. The order of passage should be the order within the message.	
	3227		M	an..3	Place / location qualifier	"92 " for routing	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location Code (Rec. 16) of the passage point (lock, bridge, traffic centre) , see Part 2, chapter 4.2.13	<Transport> <TransportLocations> <Routepoints> <Routepoint> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..17	Place / location	Full name of the passage point	<Transport> <TransportLocations> <Routepoints> <Routepoint> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Passage point code	<Transport> <TransportLocations> <Routepoints> <Routepoint> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Passage datetime	YYMMDDHHMM as '201'of DTM 2379	<Transport> <TransportLocations> <Routepoints> <RoutePointPassageTime>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Part 2, Chapter 4.2.14	<Transport> <TransportLocations> <Routepoints> <Routepoint> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70	Related place / location two	Fairway section hectometre	<Transport>



Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	<b>LOC (9)</b>	2	M		<b>PLACE/LOCATION IDENTIFICATION</b>	<b>Port of destination.</b> This is the first port where the transport is bound.	
	3227		M	an..3	Place / location qualifier	"153" for place of call	
	C517		M		<b>LOCATION IDENTIFICATION</b>		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the port, see Part 2, Chapter 4.2.13	<Transport> <TransportLocations> <PortOfDestination> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the port location	<Transport> <TransportLocations> <PortOfDestination> <LocationName>
	C519		C		<b>RELATED LOCATION ONE IDENTIFICATION</b>		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Part 2, Chapter 4.2.15	<Transport> <TransportLocations> <PortOfDestination> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	Full name of the terminal.	<Transport> <TransportLocations> <PortOfDestination> <TerminalName>
	C553		C		<b>RELATED LOCATION TWO IDENTIFICATION</b>		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Part 2, Chapter 4.2.14	<Transport> <TransportLocations> <PortOfDestination> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Transport> <TransportLocations> <PortOfDestination> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	<b>DTM (1) to LOC(1)</b>	2	C		<b>DATE / TIME / PERIOD</b>	<b>Departure time</b> (estimated).	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	“133” for departure date/time, estimated	
	2380		M	an..35	Date or time period value	Value of departure time	<Transport> <TransportLocations> <ETD>
	2379		M	an..3	Date or time or period format code	“201” for YYMMDDHHMM	-
TDT	<b>DTM (2) to LOC (2)</b>	2	C		<b>DATE / TIME / PERIOD</b>	<b>Passage time</b> , as recorded by the traffic centre	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	“186” for departure time, actual	
	2380		M	an..35	Date or time period value	Value of passage time: YYMMDDHHMM	<Transport> <TransportLocations> <PassageTime>
	2379		M	an..3	Date or time or period format code	“201” for YYMMDDHHMM	
TDT	<b>DTM (3) to LOC (9)</b>	2	C		<b>DATE / TIME / PERIOD</b>	<b>Estimated time of arrival at port of destination</b>	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	“132” for arrival time, estimated	
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM	<Transport> <TransportLocations> <ETA>
	2379		M	an..3	Date or time or period format code	“201” for YYMMDDHHMM	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
NAD	<b>NAD (1)</b>	1	M		<b>NAME and ADDRESS</b>	name and address of <b>message sender</b>	
	3035		M	an..3	Party function code qualifier	“MS” for Message sender	<MessageSenderAddress> <NameAddress> <PartyFunction>
	C082		C		<b>PARTY IDENTIFICATION DATAILS</b>		
	3039		M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with ‘900000000’	<MessageSenderAddress> <NameAddress> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				<b>NAME AND ADDRESS</b>	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		<b>PARTY NAME</b>		
	3036		M	an..35	Party name	Sender name.	<MessageSenderAddress> <NameAddress> <PartyName>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059		C		<b>STREET</b>		
	3042		M	an..35	Street and number / p.o. box	Street and number or post office box	<MessageSenderAddress> <NameAddress> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		C	an..35	City name	City	<MessageSenderAddress> <NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251		C	an..9	postcode identification	Postal identification code	<MessageSenderAddress> <NameAddress> <PostalCode>



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
NAD/ CTA	<b>COM</b>	3	C		<b>COMMUNICATION CONTACT</b>	Sender communication contact details (max. 4 times)	
	C076		M		COMMUNICATION CONTACT		
	3148		M	an..70	Communication number	Communication number	<MessageSenderAddress> <Contact> <CommsContact> <CommsNo>
	3155		M	an..3	Communication channel qualifier	“TE” for telephone number “FX” for fax number “EM” for E-mail address “EI” for EDI mailbox number (EDI number or email-address for NAD 1 is mandatory if a response in the form of an ERIRSP message is requested for. If no response is requested, the EDI number and email-address is not to be used).	<MessageSenderAddress> <Contact> <CommsContact> <CommsChannel>
NAD	<b>NAD (2)</b>	1	M		<b>NAME and ADDRESS</b>	Name and address of <b>agent/invoicee</b>	
	3035		M	an..3	Party function code qualifier	"CG" for agent / invoice address (for VNF this segment is mandatory).	<AgentInvoiceAddress> <NameAddress> <PartyFunction>
	C082		C		<b>PARTY IDENTIFICATION DATAILS</b>		
	3039		M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'	<AgentInvoiceAddress> <NameAddress> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				<b>NAME AND ADDRESS</b>	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		<b>PARTY NAME</b>		
	3036		M	an..35	Party name	Sender name.	<AgentInvoiceAddress> <NameAddress> <PartyName>
	3036		C	an..35	Invoice Number	Invoice number of the agent / invoicee	<AgentInvoiceAddress> <NameAddress> <InvoiceNumber>

Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059		C		STREET	Street	
	3042		M	an..35	Street and number / p.o. box	Address (street name + number or post office box number)	<AgentInvoiceAddress> <NameAddress> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		C	an..35	City name	City	<AgentInvoiceAddress> <NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251		C	an..9	Postcode identification	Postal code	<AgentInvoiceAddress> <NameAddress> <PostalCode>
	3207		C	an..3	Country	ISO 3166-1 two alpha country code, see Part 2,Chapter 4.2.12	<AgentInvoiceAddress> <NameAddress> <Country>





Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	<b>EQD (V)</b> <b>(2 - 15)</b>	1	C		<b>EQUIPMENT DETAILS</b>	Specification of the <b>VESSELS</b> within the convoy (for each vessel 1 segment, also the main vessel) <b>not propelled vessels</b>	
	8053		M	an..3	Equipment type code qualifier	“BRN” for vessel not participating in the propulsion	<Barges> <Barge> <EquipmentType>
	C237		M		<b>EQUIPMENT IDENTIFICATION</b>		
	8260		M	an..17 (an7..8)	Equipment identification number	Vessel <b>number</b> : 7 digits for OFS or IMO indication, 8 digits for ERN indication and Unique European vessel identification number	<Barges> <Barge> <BargeId> <VesselId>
	1131		M	an..3	Code list qualifier	“OFS” for an Official Ship Number of CCNR system, see Part 2, Chapter 4.2.2 “IMO” for an IMO number, see Part 2, Chapter 4.2.3 “ERN” for Electronic Reporting International Number, see Part 2, Chapter 4.2.4 “ENI” for a unique European vessel identification number, see Part 2, Chapter 4.2.5	<Barges> <Barge> <BargeId> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	C224		M		<b>EQUIPMENT SIZE AND TYPE</b>		
	8155		M	an..10 (an..4)	Equipment size and type identification, <b>vessel type</b>	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Part2 , Chapter 4.2.1.	<Barges> <Barge> <BargeType>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	8154			an..35	Equipment size and type	<b>Name</b> of the vessel. If the name results in more than 35 positions, the name of the vessel is shortened.	<Barges> <Barge> <BargeName>
	8077			an..3	Equipment supplier	n.a.	
	8249			an..3	Equipment status	n.a.	
	8169			an..3	Full / empty indicator	n.a.	
Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping

Segment Group	Segment		Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
	Composite data element (C) Data element  TAG	Level					
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	
EQD	<b>MEA (1)</b>	2	M		<b>MEASUREMENTS</b>	<b>Vessel Length</b>	
	6311		M	an..3	Measurement purpose qualifier	“DIM” for dimension	
	C502				MEASUREMENT DETAILS		
	6313			an..3	Property measured	“LEN” for length	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“CMT” for centimetre ( UN/ECE Rec 20, Annex 3. Common code)	
	6314		M	an..18 (n5)	Measurement value	Length	<Barges> <Barge> <BargeDimensions> <Length>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	<b>MEA (2)</b>	2	M		<b>MEASUREMENTS</b>	<b>Vessel Width</b>	
	6311		M	an..3	Measurement purpose code qualifier	“DIM” for dimension	
	C502				MEASUREMENT DETAILS		
	6313			an..3	Property measured	“WID” for width.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“CMT” for centimetre ( UN/ECE Rec 20, Annex 3: Common code)	
	6314		M	an..18 (n4)	Measurement value	Width	<Barges> <Barge> <BargeDimensions> <Width>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	
EQD	<b>MEA (3)</b>	2	M		<b>MEASUREMENTS</b>	<b>Vessel Draught</b>	
	6311		M	an..3	Measurement purpose code qualifier	“DIM” for dimension	
	C502				MEASUREMENT DETAILS	Size details	
	6313			an..3	Property measured	”DRA” for draught	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“CMT” for centimetre ( UN/ECE Rec 20, Common code)	
	6314		M	an..18 (n4)	Measurement value	Draught	<Barges> <Barge> <BargeDimensions> <Draught>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	<b>MEA (4)</b>	2	M		<b>MEASUREMENTS</b>	<b>Vessel Tonnage</b>	
	6311		M	an..3	Measurement purpose code qualifier	<b>“VOL” for volume</b>	
	C502				MEASUREMENT DETAILS	Size details	
	6313			an..3	Property measured	“AAM” for gross tonnage.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“TNE” for metric ton ( UN/ECE Rec 20, Common code)	
	6314		M	an..18 (n6)	Measurement value	Tonnage (capacity)	<Barges> <Barge> <BargeDimensions> <Tonnage>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	<b>MEA (5)</b>	2	M	<b>EQD(2)</b>	<b>MEASUREMENTS</b>	Specification of the <b>number of containers</b>	
	6311		M	an..3 (an2)	Measurement purpose qualifier	“NR” for number	
	C502				MEASUREMENT DETAILS	n.a.	
	6313			an..3	Property measured	n.a.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“NUM” for number (see UN/ECE Rec. 20, common code)	
	6314		M	an..18 (n1..4)	Measurement value	Number of containers of the given type and status.	<ContainerMatrixes> <Containermatrix> <Number>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	
CNI	<b>CNI</b>	1	M		<b>CONSIGNMENT INFORMATION</b>	<b>Consignment</b> (similar source / destination) specification of the transported <b>cargo</b>	
	1490		M	n..4	Consolidation item number	Sequence number of the consignment. For modifications, the same sequence number is to be used	<Consignments> <Consignment> <SequenceNo>
	C503				DOCUMENT / MESSAGE DETAILS	n.a.	
	1004			an..35	Document / message number	n.a.	
	1373			an..3	Document / message status, coded	n.a.	
	1366			an..70	Document / message source	n.a.	
	3453			an..3	Language, coded	n.a.	
	1056			an..9	Version	n.a.	
	1060			an..6	Revision number	n.a.	
	1312			n..4	Consignment load sequence number	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	<b>HAN(1)</b>	1	D				
	C524		M		HANDLING INSTRUCTIONS		
	4079		M		Handling instructions, coded	Default "T"	<Consignments> <Consignment> <CargoHandeling>
	1131		C		Code list qualifier	n.a.	
	3055		C		Code list responsible agency, coded	n.a.	
	4078		C		Handling Instructions	n.a.	
	C218		C		HAZARDOUS MATERIAL	n.a.	
	7419		C		Hazardous material class code, identification	n.a.	
	1131		C		Code List Qualifier	n.a.	
	3055		C		Code list responsible agency, coded	n.a.	
	7418		C		Hazardous material class	n.a.	
CNI	<b>DTM (1)</b>	2	C		<b>DATE / TIME / PERIOD</b>	Estimated <b>arrival time</b> at the discharge place	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	"132" for arrival time, estimated	
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM	<Consignments> <Consignment> <ArrivalTime>
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM	
CNI	<b>DTM (2)</b>	2	C		<b>DATE / TIME / PERIOD</b>	Estimated <b>departure time</b> from the loading place	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	"133" for departure time, estimated	
	2380		M	an..35	Date or time period value	Time: YYMMDDHHMM	<Consignments> <Consignment> <DepartureTime>
	2379		M	an..3	Date or time or period format code	"201"	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	LOC(1)	2	C		<b>PLACE/LOCATION IDENTIFICATION</b>	Specification of the <b>loading place</b> of the cargo	
	3227		M	An..3	Place/location qualifier	'9' for place / port of loading	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	An..25 (an5)	Place/location identification	UN/ECE location code (Rec. 16), of the loading place, see Part 2, Chapter 4.2.13	<Consignments> <Consignment> <PortOfLoading> <Locode>
	1131			An..3	Code list qualifier	n.a.	
	3055			An..3	Code list responsible agency	n.a.	
	3224		C	An..70 (an..17)	Place/location	Full name of the port location	<Consignments> <Consignment> <PortOfLoading> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Part 2, Chapter 4.2.15	<Consignments> <Consignment> <PortOfLoading> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222		C	an..70 (an..17)	Related place / location one	Full name of the terminal	<Consignments> <Consignment> <PortOfLoading> <TerminalName>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Part 2, Chapter 4.2.14	<Consignments> <Consignment> <PortOfLoading> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Consignments> <Consignment> <PortOfLoading> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	<b>LOC (2)</b>	2	C		<b>PLACE / LOCATION IDENTIFICATION</b>	Specification of the <b>discharge place</b> of the cargo	
	3227		M	an..3	Place / location qualifier	"11" for place / port of discharge	
	C517		M		<b>LOCATION IDENTIFICATION</b>		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Part 2, Chapter 4.2.13	<Consignments> <Consignment> < PortOfDischarge> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the port	<Consignments> <Consignment> < PortOfDischarge> <LocationName>
	C519		C		<b>RELATED LOCATION ONE IDENTIFICATION</b>		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Part 2, Chapter 4.2.15	<Consignments> <Consignment> < PortOfDischarge> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222		C	an..70 (an..17)	Related place / location one	Full name of terminal	<Consignments> <Consignment> < PortOfDischarge> <TerminalName>
	C553		C		<b>RELATED LOCATION TWO IDENTIFICATION</b>		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Part 2, Chapter 4.2.14	<Consignments> <Consignment> < PortOfDischarge> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an.. 5)	Related place / location two	Fairway section hectometre	<Consignments> <Consignment> < PortOfDischarge> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ NAD	<b>NAD (1)</b>	2	C		<b>NAME AND ADDRESS</b>	<b>Cargo sender name</b>	
	3035		M	an..3	Party function code qualifier	“SF” for ship from	<Consignments> <Consignment> <CargoSender> <PartyFunction>
	C082		C		<b>PARTY IDENTIFICATION DETAILS</b>		
	3039		M	an..35 (an..25)	Party identifier	EDI number of cargo sender	<Consignments> <Consignment> <CargoSender> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				<b>NAME AND ADDRESS</b>		
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		<b>PARTY NAME</b>		
	3036		M	an..35	Party name	Ship from name.	<Consignments> <Consignment> <CargoSender> <PartyName>
	3036		C	an..35	Party name	Invoice Number	<Consignments> <Consignment> <CargoSender> <InvoiceNumber>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059				<b>STREET</b>	Street	
	3042		C	an..35	<b>Street and number or post office box</b>		<Consignments> <Consignment> <CargoSender> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ NAD	<b>NAD (2)</b>	2	C		<b>NAME AND ADDRESS</b>	<b>Cargo receiver name</b>	
	3035		M	an..3	Party function code qualifier	“ST” for ship to	<Consignments> <Consignment> <CargoReceiver> <PartyFunction>
	C082		M		<b>PARTY IDENTIFICATION DETAILS</b>		
	3039		M	an..35 (an..25)	Party identification	EDI number of receiver of cargo	<Consignments> <Consignment> <CargoReceiver> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				<b>NAME AND ADDRESS</b>	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		<b>PARTY NAME</b>		
	3036		M	an..35	Party name	Ship to name	<Consignments> <Consignment> <CargoReceiver> <PartyName>
	3036		C	an..35	Party name	Invoice number	<Consignments> <Consignment> <CargoReceiver> <InvoiceNumber>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059				<b>STREET</b>	Street	
	3042		C	an..35	Street and number / p.o. box		<Consignments> <Consignment> <CargoReceiver> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	<b>GID (1..99)</b>	2	M		<b>GOODS ITEM DETAILS</b>	per <b>vessel</b> and per <b>good</b> a new GID segment	
	1496		M	n..5	Goods item number	Sequence number of the good within a consignment. Unique within the CNI	<Consignments> <Consignments> <GoodsItems> <GoodsItem> <GoodsItemNo>
	C213				NUMBER AND TYPE OF PACKAGES		
	7224		C	n..8	Number of packages	Default is "1"	
	7065			an..17	Type of packages identification	See Part 2, Chapter 4.2.18	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	7064			an..35	Type of packages	n.a.	
	7233			an..3	Packaging related information, coded	n.a.	
	C213				NUMBER AND TYPE OF PACKAGES	n.a.	
	7224			n..8	Number of packages	n.a.	
	7065			an..17	Type of packages identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	7064			an..35	Type of packages	n.a.	
	7233			an..3	Packaging related information	n.a.	
	C213		C		NUMBER AND TYPE OF PACKAGES		
	7224		M	n..8	Number of packages	Number of inner <b>packages</b>	<Consignments> <Consignments> <GoodsItems> <GoodsItem> <NumberOfPackages>
	7065		M	an..17 (a2)	Type of packages identification	UN/ECE recommendation No. 21, see Part 2, Chapter 4.2.18	<Consignments> <Consignments> <GoodsItems> <GoodsItem> <TypeOfPackages>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	7064			an..35	Type of packages	n.a.	
	7233			an..3	Packaging related information	n.a.	
CNI/ GID	<b>FTX (1)</b>	3	C		<b>FREE TEXT</b>	<b>Extra goods information</b>	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	4451		M	an..3	Text subject code qualifier	"ACB" for additional information	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	an..70 (an1)	Free text	<b>type of good:</b> "D" for Dangerous "N" for Non-dangerous	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <AdditionalInfo> <TypeOfGood>
	4440		C	an..70 (n6..10)	Free text	<b>HS code</b> , can be left blank if unknown and good is dangerous, see Annex 4, No. 5	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <AdditionalInfo> <HSCode>
	4440		C	an..70 (a1)	Free text	<b>Customs status:</b> "T" = Third country good "C" = Communal good "F" = Good from non-fiscal area "X" = Good declared for export in a member state	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <AdditionalInfo> <CustomsStatus>
	4440		C	an..70 (an..35)	Free text	Customs document reference <b>number</b> for goods of type "T", "F", or "X"	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <AdditionalInfo> <CustomsRefNo>
	4440		C	an..70 (an1)	Free text	Overseas destination "Y" = with overseas destination "N" = without an overseas destination	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <AdditionalInfo> <Overseas>
	3453			an..3	Language	n.a.	
	4447			an..3	Text formatting	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level 3	Mandatory Conditional 4	Format 5	Name 6	Description Qualifiers in notation marks 7	XML Mapping 8
CNI/ GID	<b>FTX (2)</b>	3	C		<b>FREE TEXT</b>	<b>Goods description of non-dangerous cargo</b>	
	4451		M	an..3	Text subject code qualifier	“AAA” for goods description	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE	n.a.	
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	<b>an..70</b>	Free text	Goods <b>name</b> of the non-dangerous cargo	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodsDescription> <GoodsName>
	4440		C	an..70 (n6)	Free text value	<b>NST/R code</b> of the non-dangerous cargo. Extended by “00” if only 4 digits are known, and “000” if only 3 digits are known, see Part 2, Chapter 4.2.8.	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodsDescription> <NSTRCODE>
	4440		C	an..70 (n6..10)	Free text	<b>HS code</b> of the non-dangerous cargo, see Part 2, Chapter 4.2.6	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodsDescription> <HSCODE>
	4440		C	an..70	Free text	Additional goods decription	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodsDescription> <GoodsFreeRemark>
	4440			an..70	Free text	n.a.	
	3453			an..3	Language, coded	n.a.	
	4447			an..3	Text formatting	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID	<b>SGP (1..99)</b>	3	C		<b>SPLIT GOODS PLACEMENT</b>	<b>Specification of the location of the non-dangerous cargo within the means of transport</b>	
	C237		M		EQUIPMENT IDENTIFICATION		
	8260		M	an..17 (an7..8)	Equipment identification number	<b>Ship number:</b> 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number.	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <SplitGoodsPlacement> <Placement> <VesselId>
	1131		M	an..3	Code list qualifier	“OFS” for an Official Ship Number of CCNR system, see Part 2, Chapter 4.2.2 “IMO” for an IMO number, see Part 2, Chapter 4.2.3 “ERN” for Electronic Reporting International Number, see Part 2, Chapter 4.2.4 “ENI” for a unique European vessel identification number, see Part 2, Chapter 4.2.5	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <SplitGoodsPlacement> <Placement> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	7224			n..8	Number of packages	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ SGP	<b>MEA</b>	4	C		<b>MEASUREMENTS</b>	<b>Specification of the tonnage of a non dangerous good on board the vessel</b>	
	6311		M	an..3	Measurement purpose qualifier	“VOL” for weights	
	C502		M		<b>MEASUREMENT DETAILS</b>		
	6313		M	an..3	Property measured	“AAX” The observed volume after adjustment for factors such as temperature of gravity.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		<b>VALUE/RANGE</b>		
	6411		M	an..3	Measurement unit qualifier	“TNE” for metric ton (UN/ECE Rec. 20)	
	6314		M	an..18 (n9)	Measurement value	Tonnage	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <SplitGoodsPlacement> <Volume>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			an..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID	<b>DGS</b>	3	M		<b>DANGEROUS GOODS</b>	<b>Dangerous goods identification</b>	If not a dangerous good then <DangerousGoodsInfo > must be absent.
	8273		M	an..3	dangerous goods regulations	“ANR” for inland vessels (CCNR ADNR code) “IMD” for sea going vessels (IMO IMDG code)	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <Regulation>
	C205		M		HAZARD CODE		
	8351		M	an..7	Hazard code identification	<b>AND(R) or IMDG code</b> , see Part 2, Chapter 4.2.10 or 4.2.11.	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <Classification>
	8078		C	an..7	Additional hazard classification identifier	ADNR danger classification code, see part 2, Chapter 4.2.11	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <AdditionalClassification>
	8092			an..10	Hazard code version number	n.a.	
	C234		M		UNDG INFORMATION		
	7124		M	n4	UNDG number	<b>UN number</b> (UNDG code), see Part 2, Chapter 4.2.9	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <UNNumber>
	7088			an..8	Dangerous goods flashpoint	n.a.	
	C223		C		DANGEROUS GOODS SHIPMENT FLASHPOINT		

Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	7106		M	n..3	Shipment flashpoint	<b>Flashpoint</b> of the good transported	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <Flashpoint>
	6411		M	an..3	Measure unit qualifier	"CEL" for Celsius "FAH" for Fahrenheit .	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <FlashpointUnit>
	8339		M	an..3	Packing group	"1" for great danger "2" for medium danger "3" for minor danger ..	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <PackingGroup>
	8364		C	an..6	EMS number	Emergency Procedures	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <EMSNumber>
	8410		C	an..4	MFAG number	Medical First Aid Guide	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <MFAGNumber>
	8126			an..10	TREM card number	n.a.	
	C235		C		HAZARD IDENTIFICATION PLACARD DETAILS	<b>Placards</b> mandatory for dangerous goods on dry cargo vessels	











Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS	<b>SGP (1..99)</b>	4	M		<b>SPLIT GOODS PLACEMENT</b>	<b>Specification of the location of the goods.</b> If the goods are transported in containers, this segment should contain the identification of the vessel the container is stowed on.	
	C237		M		EQUIPMENT IDENTIFICATION		
	8260		M	an..17 (an7..8)	Equipment identification number	<b>Ship number:</b> 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <SplitGoodsPlacement> <Placement> <VesselID>
	1131		M	an..3	Code list qualifier	“OFS” for an Official Ship Number of CCNR system, see Part 2, Chapter 4.2.2 “IMO” for an IMO number, see Part 2, Chapter 4.2.3 “ERN” for Electronic Reporting International Number, see Part 2, Chapter 4.2.4 “ENI” for a unique European vessel identification number, see Part 2, Chapter 4.2.5	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <SplitGoodsPlacement> <Placement> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	7224			n..8	Number of packages	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS/ SGP	<b>MEA</b>	5	M		<b>MEASUREMENTS</b>	<b>Total weight of the goods within the vessel.</b>	
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing	
	6321			an..3	Measurement significance, coded	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)	
	6314		M	an..18	Measurement value	Weight of the goods in the vessel	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <SplitGoodsPlacement> <Weight>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ SGP	<b>MEA</b>	4	C		<b>MEASUREMENTS</b>	<b>Total tonnage of the goods within the vessel</b>	
	6311		M	an..3	Measurement purpose qualifier	“VOL” for weights	
	C502		M		<b>MEASUREMENT DETAILS</b>		
	6313		M	an..3	Property measured	“AAX” The observed volume after adjustment for factors such as temperature of gravity.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		<b>VALUE/RANGE</b>		
	6411		M	an..3	Measurement unit qualifier	“TNE” for metric ton (UN/ECE Rec. 20)	
	6314		M	an..18 (n9)	Measurement value	Tonnage	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <SplitGoodsPlacement> <Volume>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			an..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS	<b>SGP</b>	4	C		<b>SPLIT GOODS PLACEMENT</b>	<b>The location of the goods if in containers.</b> If the goods are transported in containers at least one SGP combination specifying the ship on which the container is stowed must be specified.	
	C237		M		EQUIPMENT IDENTIFICATION	Identification	
	8260		M	an..17	Equipment identification number	<b>Container identification</b> code (owner code, identifier, serial number, check digit), see Part 2, Chapter 4.2.17	<Consignments> <Consignments> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <ContainerStowage> <ContainerIdentificationCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	7224			n..8	Number of packages	n.a.	

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS/ SGP	<b>LOC</b>		C		<b>PLACE / LOCATION IDENTIFICATION</b>	<b>Stowage location</b>	
	3227		M	an..3	Place / location qualifier	“147” for Stowage cell	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25	Place / location identification	“BBBRRTT” for Bay / Row / Tier	<Consignments> <Consignment> <GoodsItems> <GoodsItem> <GoodSplitGoodsPlacements> <ContainerStowage> <StowageLocation>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224			an..70	Place / location	n.a.	
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.	
	3223			an..25	Related place / location one identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	n.a.	
	C553				RELATED LOCATION TWO IDENTIFICATION	n.a.	
	3233			an..25	Related place / location two identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232			an..70	Related place / location two	n.a.	
	5479			an..3	Relation	n.a.	









### 3.2 ERIRSP XML Mapping

The following table describes the ERI Response message in EDI format. The last column defines the XML mapping. Together with the scheme definition this should give sufficient information in order to develop a conversion tool.

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
	<b>UNB</b>	0	M		<b>INTERCHANGE HEADER</b>		
	S001		M		SYNTAX IDENTIFIER		
	0001		M	a4	Syntax identifier	“UNOA” Controlling agency	<EDIMapping> <Syntax>
	0002		M	n1	Syntax version number	“2”	<EDIMapping> <SyntaxVersion>
	S002		M		INTERCHANGE SENDER		
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name	<MessageId> <SenderId>
	0007			an..4	Partner identification code qualifier	n.a.	
	0008			an..14	Address for reverse routing	n.a.	
	S003		M		INTERCHANGE RECIPIENT		
	0010		M	an..35 (an25)	Recipient identification	Mailbox number or unique name	<MessageId> <ReceiverId>
	0007			an..4	Partner identification code qualifier	n.a.	
	0014			an..14	Routing address	n.a.	
	S004		M		DATE / TIME OF PREPARATION		
	0017		M	n6	Date	Generation date, YYMMDD	<MessageId> <GenerationDateTime>
	0019		M	n4	Time	Generation time, HHMM	<MessageId> <GenerationDateTime>
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number.	
	S005				RECIPIENTS REFERENCE, PASSWORD		
	0022			an..14	Recipient’s reference / password	n.a.	
	0025			an2	Recipient’s reference, password qualifier	n.a.	
	0026			an..14	Application reference	n.a.	
	0029			a1	Processing priority code	n.a.	
	0031		C	n1	Acknowledgement request	“1” = Sender wishes receipt notification	<MessageId> <AckRequest>

Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
	0032			an..35	Communications agreement id	n.a.	
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message	<MessageId> <TestIndicator>
	<b>UNH</b>	0	M		<b>MESSAGE HEADER</b>	Identification, specification and heading of a message	
	0062		M	an..14	Message reference number	First 14 positions of the message reference number.	
	S009		M		MESSAGE IDENTIFIER		
	0065		M	an..6	Message type	"APERAK", message type	<EDIMapping> <Messagetype>
	0052		M	an..3	Message version number	"D",	<EDIMapping> <MessageVersion>
	0054		M	an..3	Message release number	"98B"	<EDIMapping> <MessageRelease>
	0051		M	an..2	Controlling agency	"UN",	<EDIMapping> <MessageControllingAgency>
	0057		M	an..6	Association assigned code	"ERI12", ERI version 1.2	<EDIMapping> <AssociationAssignedCode>
	0068			an..35	Common access reference	n.a.	
	S010				STATUS OF THE TRANSFER		
	0070			n..2	Sequence of transfers	n.a.	
	0073			a1	First and last transfer	n.a.	



Segment Group	Segment	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
	Composite data element (C) Data element  TAG						
1	2	3	4	5	6	7	
	<b>RFF (1)</b>	1	C		<b>REFERENCE</b>	Reference to previous message	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	“ACW” for reference number to previous message	
	1154		M	an..35	Reference number	Message reference number from BGM, TAG 1004 of the message this message refers to.	<MessageRef>
	1156		C	an..6	Line number	n.a.	
	4000		C	an..35	Reference version number	n.a.	
	1060		C	an..6	Revision number	n.a.	
	<b>RFF (2)</b>	1	C		<b>REFERENCE</b>	Reference to transaction / invoice number	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	“AAY” for reference number to transaction	
	1154		M	an..35	Reference number	Reference number assigned by the receiving authority. The reference number should start with the UN country code followed by three positions for the assigning system. The final part is the actual reference number.	<TransportRef>
	1156		C	an..6	Line number	n.a.	
	4000		C	an..35	Reference version number	n.a.	
	1060		C	an..6	Revision number	n.a.	

Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
NAD	<b>NAD (1)</b>	1	M		<b>NAME and ADDRESS</b>	Name and address of the sender of the notification	
	3035		M	an..3	Party function code qualifier	“MS” for Message sender	<NamesAddresses> <NameAddress> <PartyFunction>
	C082				PARTY IDENTIFICATION DETAILS	n.a.	
	3039			an..35	Party identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				NAME AND ADDRESS	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		PARTY NAME		
	3036		M	an..35	Party name	Name of the sender of the notification.	<NamesAddresses> <NameAddress> <PartyName>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059		C		STREET		
	3042		M	an..35	Street and number / p.o. box	Street and number or post office box	<NamesAddresses> <NameAddress> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		C	an..35	City name	City	<NamesAddresses> <NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251		C	an..9	postcode identification	Postal identification code	<NamesAddresses> <NameAddress> <PostalCode>
	3207		C	an..3	country	ISO 3166-1 two alpha country code, see Part 4, section 5,	<NamesAddresses>

Segment Group	Segment Composite data element (C) Data element  TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
						No. 12	<NameAddress> <Country>
NAD	<b>COM</b>	2	C		<b>COMMUNICATION CONTACT</b>	Sender communication contact details (max. 2 times)	
	C076		M		COMMUNICATION CONTACT		
	3148		M	an..70	Communication number	Communication number	<NamesAddresses> <CommsContact> <CommsNo>
	3155		M	an..3	Communication channel qualifier	“TE” for telephone number “FX” for fax number	<NamesAddresses> <CommsContact> <CommsChannel>
	<b>ERC</b>	1	C		<b>APPLICATION ERROR INFORMATION</b>		
	C901		M		APPLICATION ERROR DETAIL		
	9321		M	an..8	Application error	Application error code	<ErrorInformation> <ErrorCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	



Segment Group	Segment Composite data element (C) Data element  <b>TAG</b>	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
ERC	<b>FTX</b>	2	C		<b>FREE TEXT</b>	To communicate the reason for rejection	
	4451		M	an..3	Text subject code qualifier	“AAO” for free text error description	
	4453			an..3	Free text function code	n.a.	
	C107				<b>TEXT REFERENCE</b>		
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		C		<b>TEXT LITERAL</b>	Text	
	4440		M	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	3453			an.. 3	Language, coded	n.a.	
	4447			an..3	Text formatting, coded	n.a.	
	<b>UNT</b>		M		<b>MESSAGE TRAILER</b>	<b>End and control of completeness of the message</b>	
	0074		M	n..6	Number of segments in a message		
	0062		M	an..14	Message reference number	First 14 positions of the message reference number	
	<b>UNZ</b>		M		<b>INTERCHANGE TRAILER</b>	<b>End and control of the interchange</b>	
	0036		M	n..6	Interchange control count	“1” for number of messages contained in the interchange	
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number	

## 4 XML Examples

Below is listed an automatically generated XML example message based on the XML scheme definition.

All tags have dummy data, such that the length restrictions are not violated. Also non-mandatory elements are present, and repeating elements occur only once.

These examples should not be interpreted as real examples of valid messages.

### 4.1 ERINOT XML example

```
<?xml version="1.0" encoding="UTF-8"?>
<ERINOT xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" VersionMajor="0"
VersionMinor="0">
  <MessageId>
    <SenderId>String</SenderId>
    <ReceiverId>String</ReceiverId>
    <GenerationDateTime>Stringaaaa</GenerationDateTime>
    <AckRequest>1</AckRequest>
    <TestIndicator>1</TestIndicator>
    <MessageType>VES</MessageType>
    <MessageNo>String</MessageNo>
    <MessageFunction>1</MessageFunction>
  </MessageId>
  <EDIMapping>
    <Syntax>String</Syntax>
    <SyntaxVersion>String</SyntaxVersion>
    <MessageType>String</MessageType>
    <MessageVersion>String</MessageVersion>
    <MessageRelease>String</MessageRelease>
    <MessageControllingAgency>String</MessageControllingAgency>
    <AssociationAssignedCode>String</AssociationAssignedCode>
  </EDIMapping>
  <SafetyExplanation>
    <PersonsOnBoard>999</PersonsOnBoard>
    <Signalling>0</Signalling>
  </SafetyExplanation>
  <PrivacyStatement>Y</PrivacyStatement>
  <MessageRef>String</MessageRef>
  <TransportDocRef>String</TransportDocRef>
  <TestScenarioRef>String</TestScenarioRef>
  <Transport>
    <TransportDetails StageQualifier="20">
      <VoyageNo>String</VoyageNo>
      <TransportMode>1</TransportMode>
      <TransportMeans>Stri</TransportMeans>
      <Vessel>
        <VesselId>Stringa</VesselId>
        <VesselIDType>OFS</VesselIDType>
      </Vessel>
      <VesselName>String</VesselName>
      <Nationality>Str</Nationality>
    </TransportDetails>
    <TransportDimensions>
      <Length>99999</Length>
      <Width>9999</Width>
      <Draught>9999</Draught>
      <Tonnage>99999</Tonnage>
    </TransportDimensions>
    <TransportReference>
      <RefQualifier>GNB</RefQualifier>
      <RefNo>String</RefNo>
    </TransportReference>
    <TransportLocations>
      <PortOfDeparture>
```

```
        <Locode>Strin</Locode>
        <LocationName>String</LocationName>
        <TerminalCode>String</TerminalCode>
        <TerminalName>String</TerminalName>
        <FairwaySectionCode>String</FairwaySectionCode>
        <FairwayHectometre>Strin</FairwayHectometre>
    </PortOfDeparture>
    <PassagePoint>
        <Locode>Strin</Locode>
        <LocationName>String</LocationName>
        <TerminalCode>String</TerminalCode>
        <TerminalName>String</TerminalName>
        <FairwaySectionCode>String</FairwaySectionCode>
        <FairwayHectometre>Strin</FairwayHectometre>
    </PassagePoint>
    <NextPortOfCall>
        <Locode>Strin</Locode>
        <LocationName>String</LocationName>
        <TerminalCode>String</TerminalCode>
        <TerminalName>String</TerminalName>
        <FairwaySectionCode>String</FairwaySectionCode>
        <FairwayHectometre>Strin</FairwayHectometre>
    </NextPortOfCall>
    <RoutePoints SequenceNumber="0">
        <Locode>Strin</Locode>
        <LocationName>String</LocationName>
        <TerminalCode>String</TerminalCode>
        <TerminalName>String</TerminalName>
        <FairwaySectionCode>String</FairwaySectionCode>
        <FairwayHectometre>Strin</FairwayHectometre>
    </RoutePoints>
    <PortOfDestination>
        <Locode>Strin</Locode>
        <LocationName>String</LocationName>
        <TerminalCode>String</TerminalCode>
        <TerminalName>String</TerminalName>
        <FairwaySectionCode>String</FairwaySectionCode>
        <FairwayHectometre>Strin</FairwayHectometre>
    </PortOfDestination>
    <ETD>2001-12-17T09:30:47-05:00</ETD>
    <PassageTime>2001-12-17T09:30:47-05:00</PassageTime>
    <ETA>2001-12-17T09:30:47-05:00</ETA>
</TransportLocations>
</Transport>
<NamesAddresses>
    <NameAddress>
        <PartyFunction>MS</PartyFunction>
        <PartyId>String</PartyId>
        <PartyName>String</PartyName>
        <Street>String</Street>
        <City>String</City>
        <PostalCode>String</PostalCode>
        <Country>Str</Country>
    </NameAddress>
    <Contact>
        <ContactInformation>String</ContactInformation>
        <CommsContact>
            <CommsNo>String</CommsNo>
            <CommsChannel>TE</CommsChannel>
        </CommsContact>
    </Contact>
</NamesAddresses>
<Barges>
    <Barge>
        <EquipmentType>BRY</EquipmentType>
        <Bargeld>
            <VesselId>Stringa</VesselId>
            <VesselIDType>OFS</VesselIDType>
        </Bargeld>
        <BargeName>String</BargeName>
        <BargeType>Stri</BargeType>
    </Barge>
    <BargeDimensions>
        <Length>99999</Length>
        <Width>9999</Width>
        <Draught>9999</Draught>
        <Tonnage>99999</Tonnage>
    </BargeDimensions>
</Barges>
```

```
        </BargeDimensions>
    </Barges>
    <ContainerMatrixes>
        <ContainerMatrix>
            <ContRange>RNG20</ContRange>
            <ContStatus>4</ContStatus>
        </ContainerMatrix>
        <Number>0</Number>
    </ContainerMatrixes>
    <Consignments>
        <Consignment>
            <SequenceNo>9999</SequenceNo>
        </Consignment>
        <ArrivalTime>2001-12-17T09:30:47-05:00</ArrivalTime>
        <DepartureTime>2001-12-17T09:30:47-05:00</DepartureTime>
        <PortOfLoading>
            <Locode>Strin</Locode>
            <LocationName>String</LocationName>
            <TerminalCode>String</TerminalCode>
            <TerminalName>String</TerminalName>
            <FairwaySectionCode>String</FairwaySectionCode>
            <FairwayHectometre>Strin</FairwayHectometre>
        </PortOfLoading>
        <PortOfDischarge>
            <Locode>Strin</Locode>
            <LocationName>String</LocationName>
            <TerminalCode>String</TerminalCode>
            <TerminalName>String</TerminalName>
            <FairwaySectionCode>String</FairwaySectionCode>
            <FairwayHectometre>Strin</FairwayHectometre>
        </PortOfDischarge>
        <NameAddress>
            <PartyFunction>MS</PartyFunction>
            <PartyId>String</PartyId>
            <PartyName>String</PartyName>
            <Street>String</Street>
            <City>String</City>
            <PostalCode>String</PostalCode>
            <Country>Str</Country>
        </NameAddress>
        <GoodsItems>
            <GoodsItem>
                <GoodsItemNo>99999</GoodsItemNo>
                <NumberOfPackages>9999999</NumberOfPackages>
                <TypeOfPackages>St</TypeOfPackages>
            </GoodsItem>
            <AdditionalInfo>
                <TypeOfGood>D</TypeOfGood>
                <HSCode>String</HSCode>
                <CustomsStatus>T</CustomsStatus>
                <CustomsRefNo>String</CustomsRefNo>
                <Overseas>Y</Overseas>
            </AdditionalInfo>
            <GoodsDescription>
                <GoodsName>String</GoodsName>
                <NSTRCode>String</NSTRCode>
                <HSCode>String</HSCode>
            </GoodsDescription>
            <DangerousGoodsInfo>
                <DangerousGoods>
                    <Regulation>ANR</Regulation>
                    <Classification>String</Classification>
                    <AdditionalClassification>Text</AdditionalClassification>
                    <UNNumber>Stri</UNNumber>
                    <Flashpoint>-3.14159</Flashpoint>
                    <FlashpointUnit>CEL</FlashpointUnit>
                    <PackingGroup>S</PackingGroup>
                    <EMSNumber>String</EMSNumber>
                    <MFAGNumber>Stri</MFAGNumber>
                    <HazardPlacard>
                        <HazardPlacardUpper>Stri</HazardPlacardUpper>
                        <HazardPlacardLower>Stri</HazardPlacardLower>
                    </HazardPlacard>
                </DangerousGoods>
                <TechnicalName>String</TechnicalName>
                <Synonym>String</Synonym>
                <NetWeight>0</NetWeight>
            </DangerousGoodsInfo>
        </GoodsItems>
    </Consignments>
</ContainerMatrixes>
```

```
<DangerousGoodSplitGoodsPlacements>  
  <SplitGoodsPlacement>  
    <Placement>  
      <VesselId>Stringa</VesselId>  
      <VesselIDType>OFS</VesselIDType>  
    </Placement>  
    <Weight>999999999</Weight>  
  </SplitGoodsPlacement>  
  <ContainerStowage>  
    <Container>String</Container>  
    <StowageLocation>String</StowageLocation>  
    <Weight>999999999</Weight>  
  </ContainerStowage>  
</DangerousGoodSplitGoodsPlacements>  
</DangerousGoodsInfo>  
<GoodSplitGoodsPlacements>  
  <SplitGoodsPlacement>  
    <Placement>  
      <VesselId>Stringa</VesselId>  
      <VesselIDType>OFS</VesselIDType>  
    </Placement>  
    <Weight>999999999</Weight>  
  </SplitGoodsPlacement>  
  <ContainerStowage>  
    <Container>String</Container>  
    <StowageLocation>String</StowageLocation>  
    <Weight>999999999</Weight>  
  </ContainerStowage>  
</GoodSplitGoodsPlacements>  
</GoodsItems>  
</Consignments>  
</ERINOT>
```

## 4.2 ERIRSP XML example

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSPY v5 rel. 4 U (http://www.xmlspy.com)-->
<ERIRSP xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" VersionMajor="0"
VersionMinor="0">
  <Messageld>
    <SenderId>String</SenderId>
    <ReceiverId>String</ReceiverId>
    <GenerationDateTime>Stringaaaa</GenerationDateTime>
    <AckRequest>1</AckRequest>
    <TestIndicator>1</TestIndicator>
    <MessageType>VES</MessageType>
    <MessageNo>String</MessageNo>
    <MessageFunction>9</MessageFunction>
    <ResponseType>AP</ResponseType>
  </Messageld>
  <EDIMapping>
    <Syntax>String</Syntax>
    <SyntaxVersion>String</SyntaxVersion>
    <MessageType>String</MessageType>
    <MessageVersion>String</MessageVersion>
    <MessageRelease>String</MessageRelease>
    <MessageControllingAgency>String</MessageControllingAgency>
    <AssociationAssignedCode>String</AssociationAssignedCode>
  </EDIMapping>
  <MessageDateTime>2001-12-17T09:30:47-05:00</MessageDateTime>
  <MessageRef>String</MessageRef>
  <TransportRef>String</TransportRef>
  <ErrorInformation>
    <ErrorCode>String</ErrorCode>
    <ErrorDescription>String</ErrorDescription>
  </ErrorInformation>
  <NamesAddresses>
    <NameAddress>
      <PartyFunction>MS</PartyFunction>
      <PartyId>String</PartyId>
      <PartyName>String</PartyName>
      <Street>String</Street>
      <City>String</City>
      <PostalCode>String</PostalCode>
      <Country>Str</Country>
      <InvoiceNumber>String</InvoiceNumber>
    </NameAddress>
    <Contact>
      <ContactInformation>
        <CommsContact>
          <CommsNo>String</CommsNo>
          <CommsChannel>TE</CommsChannel>
        </CommsContact>
      </ContactInformation>
    </Contact>
  </NamesAddresses>
</ERIRSP>
```