

Documentation eBalie Import XML Specification of the IMPDEC message

*User Guide for users of the eBalie Import module
Port of Antwerp & Port of Zeebrugge*

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1 General

1.1 Description

The eBalie Import XML message, IMPDEC, is wrapped in a technical (SOAP) envelope which is necessary to route the message through the Descartes Global Logistics Network (GLN).

The root element is named "Envelope" and contains a "Header" and a "Body".

- The "Header" holds all technical routing information such as sender and receiver.
- The "Body" holds the actual "eBalie Import" message.

Note: XML is case sensitive, so the tags should be used exactly as defined in this document. Also extra tabs or spaces between the tags can be inserted for better (human) reading. This should have no negative effect on the ability to read the file.

1.2 XSD, top level

The XSD at the top level is presented in figure 1, below.

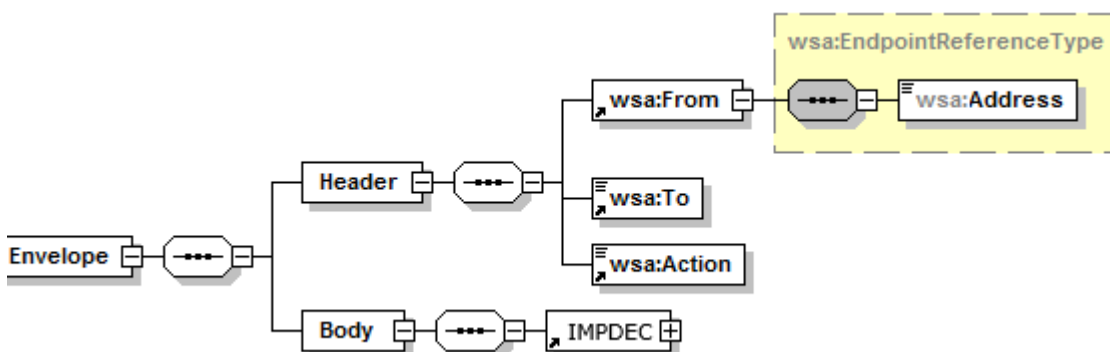


Fig. 1. Diagram eBalie import - Top level

2 SOAP Header

Please check the general documentation of the GLN headers on <https://www.myvan.descartes.com/docs/WSAddressingForMyVan.pdf>.

2.1 Field description

This description is based on the messages that are sent to the port. For the response messages the "from" and "to" addresses need to be reversed.

Element Name:	wsa:From/wsa:Address		
Description:	Reference of the endpoint where the message originated from. The information in this element holds the unique identification of the customer sending the message. Descartes has chosen to use the DUNS number, which is a global unique identification number for every company.		
xPath:	/Envelope/Header/wsa:From/wsa:Address		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 1	Maximum: 127	<i>endpoint-ref</i>
Value:	Variable		

Element Name:	wsa:To		
Description:	The address of the intended receiver of this message. Descartes has chosen to use the DUNS number, which is a global unique identification number for every company. For APCS the number 370859360 is used.		
xPath:	/Envelope/Header/wsa:To		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 1	Maximum: 127	<i>xsd:anyURI</i>
Value:	Variable		

Element Name:	wsa:Action		
Description:	<p>An identifier that uniquely (and opaquely) identifies the semantics implied by this message. This doesn't refer to the exact data format. Following types are used:</p> <ul style="list-style-type: none"> IFTMCA: this is the type for the message that is sent from the forwarder, shipper, Customs representative or other party to the port. IFTMCA is the EDIFACT message tag for "consignment advice message" APERAK: functional acknowledgment CONTRL: technical acknowledgment (not used for APCS) IFTSTA: status event message 		
xPath:	/Envelope/Header/wsa:Action		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory

Length:	Minimum: 1	Maximum: 127	<i>xsd:anyURI</i>
Value:	Constant: "IFTMCA", "APERAK", "CONTRL" or "IFTSTA"		

Element Name:	Ebi:MessageNumber		
Description:	ebi:MessageNumber contains the sequence number as a long integer for the interactions between the two parties identified in the from/to pair. This sequence number should be monotonically increasing in steps of 1.		
xPath:	/Envelope/Header/ebi:Sequence/ebi:MessageNumber		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Length:	Minimum: 1	Maximum: 127	<i>xsd:anyURI</i>
Value:	Variable		

Element Name:	Ebi:Created		
Description:	Creation date of the message, format is like 2016-09-12 09:23:05		
xPath:	/Envelope/Header/ebi:Created		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Length:	Minimum: 1	Maximum: 127	<i>xsd:anyURI</i>
Value:	Variable		

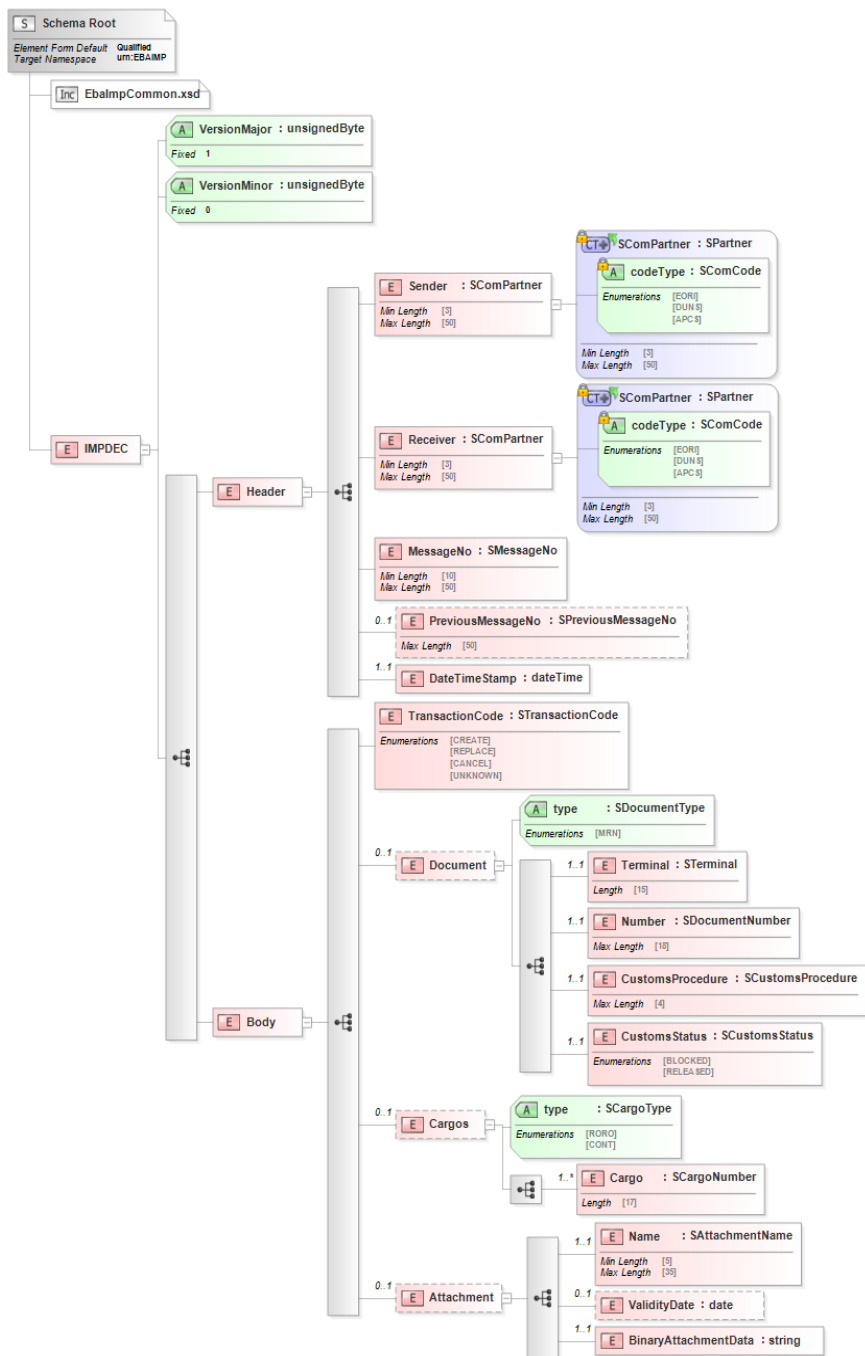
Element Name:	Ebi:TestIndicator		
Description:	Test indicator, values are T (test) or P (production)		
xPath:	/Envelope/Header/ebi:TestIndicator		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Length:	Minimum: 1	Maximum: 127	<i>xsd:anyURI</i>
Value:	Variable		

Note: For a full description of the GLN SOAP Header, see the PDF document "WSAddressingForMyVan.pdf" on <https://www.myvan.descartes.com/docs/WSAddressingForMyVan.pdf>.

3 SOAP Body – eBalie Import message (IMPDEC)

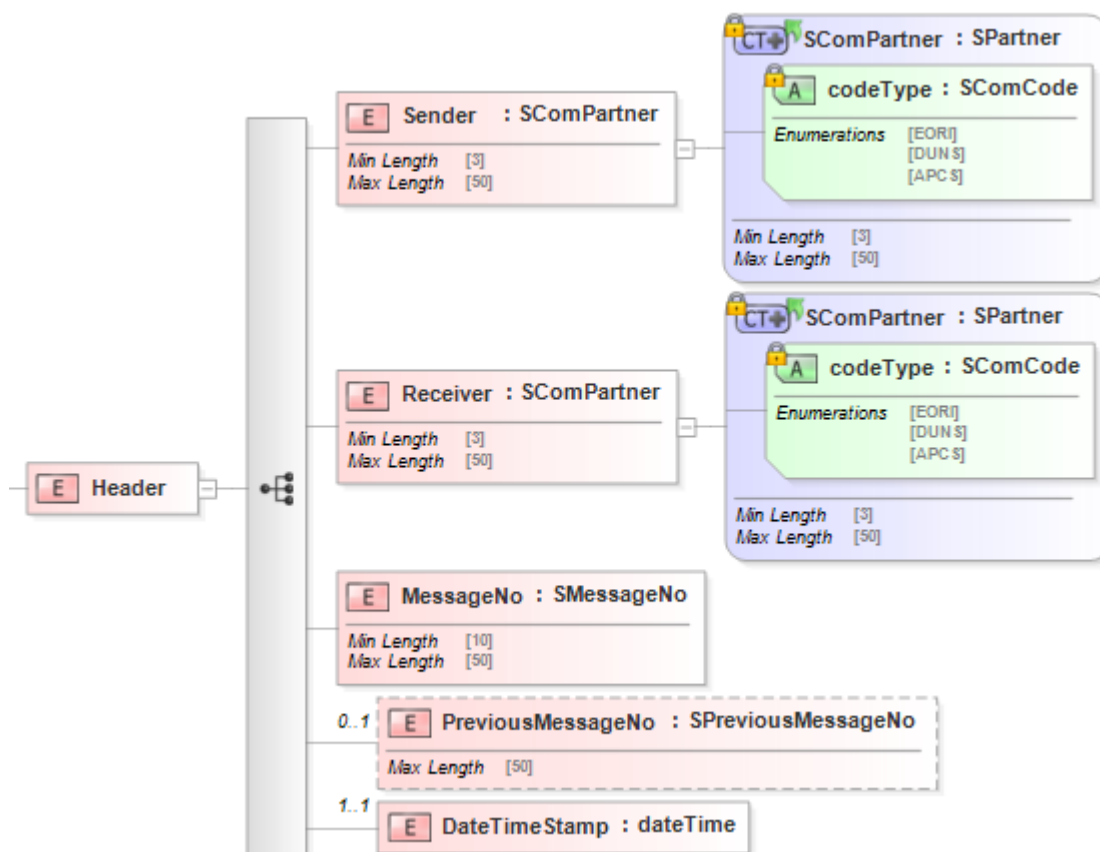
3.1 General

The IMPDEC-message consists of a header and a body.



3.2 Header

3.2.1 Diagram header



3.2.2 Field description

Element Name:	Sender		
Description:	Unique identification code defining the sender of the message.		
xPath:	/Envelope/Body/IMPDEC/Header/Sender		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 3	Maximum: 50	<i>tns:SPartner</i>
Value:	Variable		
	Attribute Name:	codeType	
	Description:	Qualifier identifying the type of sender code.	
	xPath:	/Envelope/Body/IMPDEC/Header/Sender@codeType	
	Occurrence:	Minimum: 1	Maximum: 1 Mandatory

Length:	Minimum: 3	Maximum: 4	<i>tns:SComCode</i>
Value:	Possible values are : <ul style="list-style-type: none"> • EORI • DUNS • APCS (Sender code provided by APCS) 		

Element Name:	Receiver		
Description:	Unique identification code defining the receiver of the message.		
xPath:	/Envelope/Body/IMPDEC/Header/Receiver		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 3	Maximum: 50	<i>tns:SPartner</i>
Value:	Variable		
	Attribute Name:	codeType	
	Description:	Qualifier identifying the type of sender code.	
	xPath:	/Envelope/Body/IMPDEC/Header/Receiver@codeType	
	Occurrence:	Minimum: 1	Maximum: 1 Mandatory
	Length:	Minimum: 3	Maximum: 4 <i>tns:SComCode</i>
	Value:	Possible values are : <ul style="list-style-type: none"> • EORI • DUNS • APCS (Sender code provided by APCS) 	

Element Name:	MessageNo		
Description:	Unique message number.		
xPath:	/Envelope/Body/IMPDEC/Header/MessageNo		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 10	Maximum: 50	<i>tns:SMessageNo</i>
Value:	Variable		

Element Name:	PreviousMessageNo		
Description:	Unique message number pointing to a previous transaction. Only used when replace or cancel message		
xPath:	/Envelope/Body/IMPDEC/Header/PreviousMessageNo		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Length:	Minimum: 10	Maximum: 50	<i>tns:SPreviousMessageNo</i>
Value:	Variable		

Element Name:	DateTimeStamp		
----------------------	----------------------	--	--

Description:	Creation date of the message.		
xPath:	/Envelope/Body/IMPDEC/Header/DateTimeStamp		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 19	Maximum: 19	<i>xs:dateTime</i>
Value:	Variable The dateTime is specified in the following form "YYYY-MM-DDThh:mm:ss" Ex. 2016-09-12T09:31:15		

3.3 Body

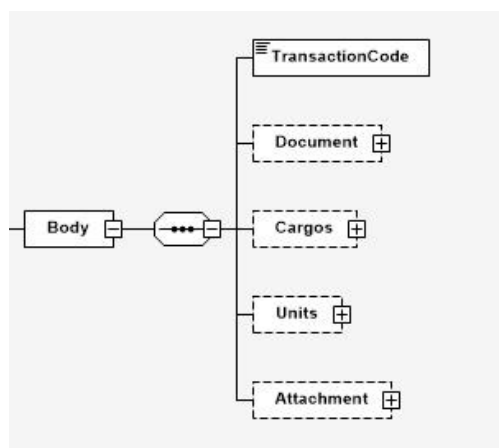
3.3.1 Field description

The IMPDEC message is composed to report all the information about 1 specific customs document and the cargo connected to this document. Optionally the document can be attached in the message.

With an IMPDEC message with TransactionCode CREATE, a document is reported for the first time to eBalie. An IMPDEC message with TransactionCode REPLACE makes changes to the document reported in the previous message. An IMPDEC message with TransactionCode CANCEL cancels the document reported in the previous message.

Depending on the value of the *CargoType* attribute, the elements *Cargos* (for a RORO message) or *Units* (for a ferry message) will be conditionally required.

3.3.2 Diagram body



3.3.3 Field description

Element Name:	TransactionCode
Description:	Specifies the type of transaction

xPath:	/Envelope/Body/IMPDEC/Body/TransactionCode		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 5	Maximum: 7	<i>tns:STransactionCode</i>
Value:	Possible values are: <ul style="list-style-type: none"> • CREATE • REPLACE • CANCEL 		

Element Name:	Document		
Description:	Holds all the information about the document. There is only 1 document group allowed. Within the document group 1 document can be included. This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.		
xPath:	/Envelope/Body/IMPDEC/Body/Document		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Value:	See section 3.4.3 for more detail		
	Attribute Name:	type	
	Description:	Type of the document	
	xPath:	/Envelope/Body/IMPDEC/Body/Document@type	
	Occurrence:	Minimum: 1	Maximum: 1 Mandatory
	Length:	Minimum: 3	Maximum: 3 <i>tns:SDocumentType</i>
	Value:	MRN	

Element Name:	Cargos		
Description:	Holds all the information about the vehicles that are connected to the document. There is only 1 cargos group allowed. Within the cargos group more than 1 cargo number can be included. This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.		
xPath:	/Envelope/Body/IMPDEC/Body/Cargos		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Value:	See section 3.5.3 for more detail		
	Attribute Name:	type	
	Description:	The type of cargo	
	xPath:	/Envelope/Body/IMPDEC/Body/Cargos@type	
	Occurrence:	Minimum: 1	Maximum: 1 Mandatory
	Length:	Minimum: 4	Maximum: 4 <i>tns:SCargoType</i>
	Value:	RORO	

Element Name:	Units		
Description:	<p>Holds all the information about the units (ferry) that are connected to the document. There is only 1 cargos group allowed. Within the cargos group more than 1 cargo number can be included.</p> <p>This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.</p>		
xPath:	/Envelope/Body/IMPDEC/Body/Units		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Value:	See section 3.5.3 for more detail		
	Attribute Name:	type	
	Description:	The type of cargo	
	xPath:	/Envelope/Body/IMPDEC/Body/UnitType@Qualifier	
	Occurrence:	Mininum: 1	Maximum: 1 Mandatory
	Length:	Minimum: 4	Maximum: 4 <i>tns:SUnitTypeQualifier</i>
	Value:	FRRY	

Element Name:	Attachment		
Description:	<p>Holds all the information about the attachment connected to the reported document. There is only 1 attachment group allowed. This group is made to allow 1 attachment.</p> <p>This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.</p> <p>The Attachment group should only be included when reporting a Transit document.</p>		
xPath:	/Envelope/Body/IMPDEC/Body/Attachment		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Value:	See section 3.6.3 for more detail		

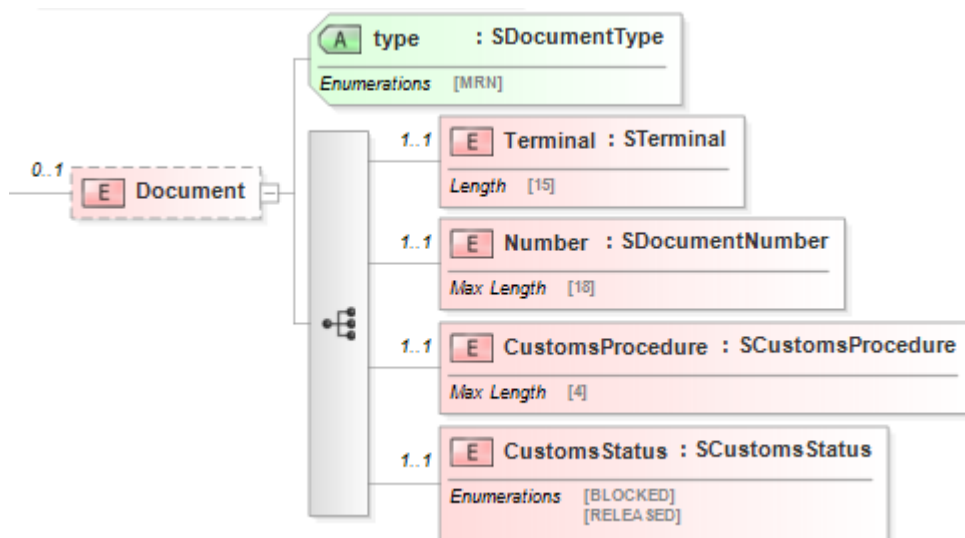
3.4 Document

3.4.1 General

Holds all the information about the document. There is only 1 document group allowed. Within the document group 1 document can be included.

This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.

3.4.2 Diagram Document group



3.4.3 Field description

Element Name:	Terminal		
Description:	The terminal where the vehicle arrives.		
xPath:	/Envelope/Body/IMPDEC/Body/Document/Terminal		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 15	Maximum: 15	<i>tns:STerminal</i>
Value:	Variable. Format : "<Locode><Fairwaysection><TerminalCode>" Ex : BEZEE0750200505 Please check the code list included in the package, concatenating the columns 'Locode', 'Fairway section' and 'Berth'.		

Element Name:	Number		
Description:	Number of the document.		
xPath:	/Envelope/Body/IMPDEC/Body/Document/Number		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 1	Maximum: 18	<i>tns:SDocumentNumber</i>
Value:	Variable Length of the document number depends on the CustomsProcedure. For some customs procedures a number of exact 18 characters is expected. For other customs procedures		

	free text is allowed. Please check the code list of customs procedures in the package.
--	--

Element Name:	CustomsProcedure		
Description:	The customs procedure connected to the document		
xPath:	/Envelope/Body/IMPDEC/Body/Document/CustomsProcedure		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 1	Maximum: 4	<i>tns:SCustomsProcedure</i>
Value:	Variable. Please check the code list included in the package.		

Element Name:	CustomsStatus		
Description:	Indication whether the cargo has to stay at or can leave the terminal.		
xPath:	/Envelope/Body/IMPDEC/Body/Document/CustomsStatus		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 7	Maximum: 8	<i>tns:SCustomsStatus</i>
Value:	Possible values are : <ul style="list-style-type: none"> • BLOCKED • RELEASED Value BLOCKED should be used if the cargo cannot leave the terminal (e.g. because the cargo was placed in customs storage (douane-entrepot) at the terminal). Value RELEASED should be used if the cargo is released by the customs authorities: this means that the cargo can leave the terminal. For some CustomsProcedures both CustomsStatus BLOCKED and RELEASED are possible: e.g. with CustomsProcedure 'DEN' or 'EIR', cargo can be placed in customs storage at the terminal of discharge. But it is also possible that with this procedure the cargo is moved to another location. Therefore the CustomsStatus should always be reported.		

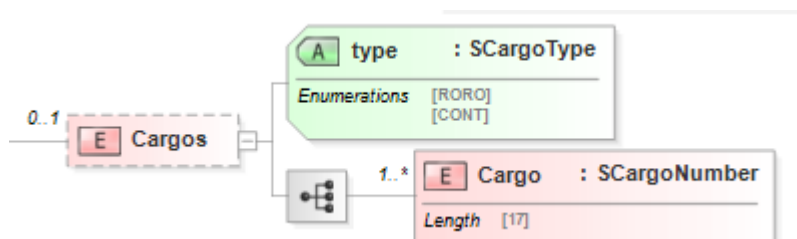
3.5 Cargos

3.5.1 General

Holds all the information about the vehicles that are connected to the document. There is only 1 cargos group allowed. Within the cargos group more than 1 vehicle can be included.

This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.

3.5.2 Diagram Cargos group



3.5.3 Field description

Element Name:	Cargo		
Description:	Holds the vehicle numbers connected to the reported document. A vehicle number can be reported only once in the same IMPDEC message.		
xPath:	/Envelope/Body/IMPDEC/Body/Cargos/Cargo		
Occurrence:	Minimum: 1	Maximum: unbounded	<i>Optional</i>
Length:	Minimum: 17	Maximum: 17	<i>tns:SCargoNumber</i>
Value:	Variable		

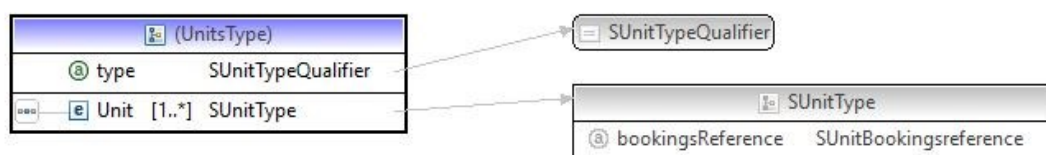
3.6 Units

3.6.1 General

Holds all the information about the ferry units that are connected to the document. There is only 1 units group allowed. Within the units group more than 1 ferry unit can be included.

This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.

3.6.2 Diagram Units group



3.6.3 Field description

Element Name:	Unit		
Description:	Holds the unit identification numbers connected to the reported document. A unit identification number can be reported only once in the same IMPDEC message.		
xPath:	/Envelope/Body/IMPDEC/Body/Units/Unit		
Occurrence:	Minimum: 1	Maximum: unbounded	Optional
Length:	Minimum: 1	Maximum: 17	tns:UnitType
Value:	Variable		
	Attribute Name:	bookingsReference	
	Description:	The bookings reference of the unit	
	xPath:	/Envelope/Body/IMPDEC/Body/Units/Unit/UnitBookingsReference	
	Occurrence:	Mininum: 1	Maximum: 1
	Length:	Minimum: 1	Maximum: 23
	Value:	Variable	

3.7 Attachment

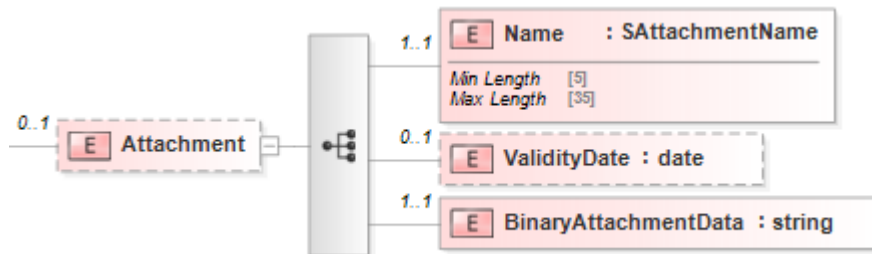
3.7.1 General

Holds all the information about the attachment connected to the reported document. There is only 1 attachment group allowed. This group is made to allow 1 attachment.

This group may only be used if the TransactionCode is CREATE or REPLACE and should not be used if the TransactionCode is CANCEL.

The Attachment group should only be included when reporting a Transit document.

3.7.2 Diagram Attachment group



3.7.3 Field description

Element Name:	Name		
Description:	Name and extension of the attachment.		
xPath:	/Envelope/Body/IMPDEC/Body/Attachment/Name		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 5	Maximum: 35	<i>tns:SAttachmentName</i>
Value:	Variable The attachment name should include the extension of the attached file. Since only attachments in PDF are allowed in the IMPDEC message, the extension is always '.pdf'.		

Element Name:	ValidityDate		
Description:	Validity date of the attachment.		
xPath:	/Envelope/Body/IMPDEC/Body/Attachment/ValidityDate		
Occurrence:	Minimum: 0	Maximum: 1	<i>Optional</i>
Length:	Minimum: 10	Maximum: 10	<i>xs:date</i>
Value:	Variable The date is specified in the following form "YYYY-MM-DD" Ex. 2016-09-19		

Element Name:	BinaryAttachmentData		
Description:	PDF-file coded in Base64 format.		
xPath:	/Envelope/Body/IMPDEC/Body/Attachment/BinaryAttachmentData		
Occurrence:	Minimum: 1	Maximum: 1	Mandatory
Length:	Minimum: 1	Maximum: unbounded	<i>xs:string</i>
Value:	Variable		

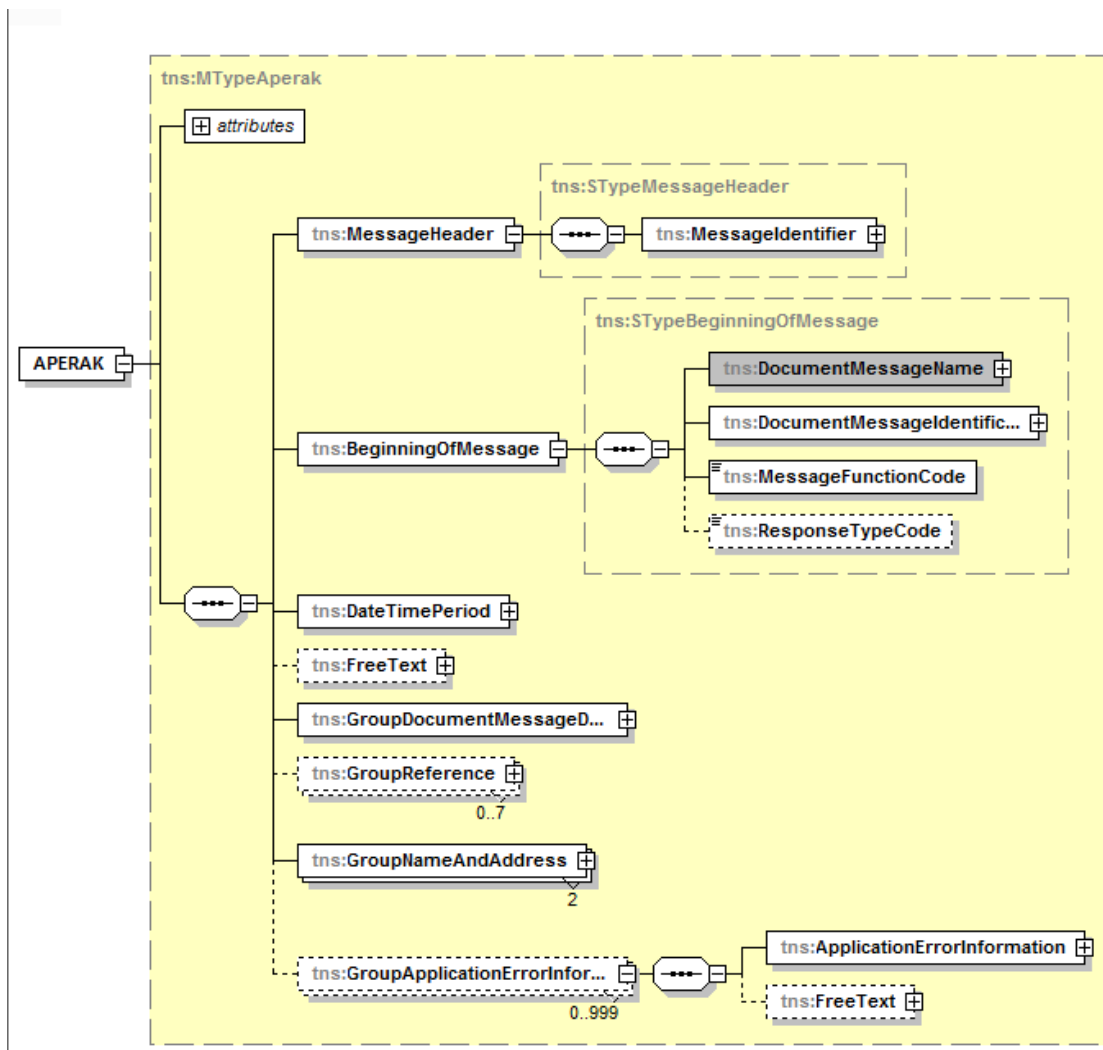
	PDF-file coded in Base64 format.
--	----------------------------------

3.8 APERAK response message

Every IMPDEC-message will be answered with an APERAK-message to confirm the correct processing by eBalie or to report that the file has been rejected. In case it is rejected, the customer needs to send a new transaction (with a new message number!) to correct the original message.

Please find the basic structure below, for more details we would like to refer to the separate APERAK-manual and XSD. The response type code is either AP (Accepted) or RE, RP (Rejected). The APERAK is also wrapped in the standard SOAP envelope, similar to the IMPDEC.

Response Type code	Description
AP	The message was accepted.
RE	The message was rejected due to logical errors (Unknown company, unknown message ref...)
RP	The message was rejected due to technical errors. (Validation against the XSD, unknown message type, system errors...)



Please find the list of error codes that will be returned in the APERAK (FreeText within GroupApplicationErrorInformation):

- message.already.exists: message with the same message reference already received
- no.previous.message: replace or cancel with a previous reference that's not in the database
- invalid.message.format: invalid message type (no IMPDEC, IMPREP or IMPREQ)
- company.not.found: unknown company (sender or receiver)
- terminal.not.usable: the terminal is not connected to the eBalie import module
- invalid.length.documentNumber: the document number is too long or too short.
- missing.documentType: document type is not mentioned
- invalid.documentType: document type is not 'MRN'
- invalid.customs.procedure: the mentioned customs procedure is not valid
- only.one.document.allowed: there was more than one document group mentioned in the message
- customs.status.not.correct: another CustomsStatus than 'BLOCKED' or 'RELEASED' was reported
- name.attachment.required: the attachment name is not mentioned
- BinaryAttachmentData.attachment.required: the binary file is missing
- BinaryAttachmentData.attachment.no.pdf: another file extension than .pdf is mentioned
- only.one.cargos.allowed: there was more than one cargos group mentioned in the message
- expected.at.least.one.vehicle: there is no cargo mentioned in the cargos group

- `import.only.possible.for.roro`: no cargo type was mentioned or another cargo type than 'RORO' was mentioned
- `cargonumber.not.unique`: the same CargoNumber was mentioned more than once in the message
- `document.already.exists`: the reported DocumentNumber already exists in the eBalie import module
- `combination.vehicle.terminal.owned.by.other.company`: a document was already registered for a vehicle at the reported terminal by another company
- `unit.was.already.released`: when a unit is released at a terminal, it is not allowed to register an additional document for the unit for this terminal
- `vehicle.was.already.released`: when a vehicle is released at a terminal, it is not allowed to register an additional document for the vehicle for this terminal

In case of validation errors against the XSD, the customer also receives this error in the same field of the APERAK. Example: "Message with id = 7307082 could not be handled. Message is invalid: validation failed cvc-length-valid: Value 'TESTWIM00000' with length = '12' is not facet-valid with respect to length '17' for type 'SCargoNumber'".

4 Examples

4.1 Example 1: IMPDEC message, for a T1 document, sent to C-Point

In this example the message sender reports the release of 4 vehicles with a T1 document. Since the T1 document should accompany the cargo when it is transported to its next location, the T1 document is sent in attachment with the message. At the terminal the T1 document can be printed.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<S:Envelope xmlns:S="http://www.w3.org/2003/05/soap-envelope"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
  xmlns:ebi="http://www.myvan.descartes.com/ebi/2004/r1">
  <S:Header>
    <wsa:From>
      <wsa:Address>urn:duns:371031225</wsa:Address>
    </wsa:From>
    <wsa:To>urn:duns:370859360</wsa:To>
    <wsa:Action>urn:myvan:IFTMCA</wsa:Action>
    <ebi:Sequence>
      <ebi:MessageNumber>4</ebi:MessageNumber>
    </ebi:Sequence>
    <ebi:Created>2016-09-12 18:20:02</ebi:Created>
    <ebi:TestIndicator>P</ebi:TestIndicator>
  </S:Header>
  <S:Body>
    <?xml version="1.0" encoding="utf-8"?>
    <IMPDEC xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xmlns="urn:EBAIMP" VersionMajor="1" VersionMinor="0" >
      <Header>
        <Sender codeType="EORI">BE0245394311</Sender>
        <Receiver codeType="EORI">BE0248399380</Receiver>
        <MessageNo>P110467369853000018088</MessageNo>
        <DateTimeStamp>2016-09-12T18:20:10</DateTimeStamp>
      </Header>
      <Body>
        <TransactionCode>CREATE</TransactionCode>
        <Document type="MRN">
          <Terminal>BEZEE0750200505</Terminal>
          <Number>16BE10100016194298</Number>
          <CustomsProcedure>T1</CustomsProcedure>
          <CustomsStatus>RELEASED</CustomsStatus>
        </Document>
        <Cargos type="RORO">
          <Cargo>WDD2050401F451839</Cargo>
          <Cargo>WDD2050401F451864</Cargo>
          <Cargo>WDD2050401F451599</Cargo>
          <Cargo>WDD2050401F451017</Cargo>
        </Cargos>
        <Attachment>
          <Name>16BE10100016194298.pdf</Name>
          <ValidityDate>2016-09-17</ValidityDate>
          <BinaryAttachmentData>TWfUIGlzIGRpc3Rpbmd1aXNoZWQsIG5vdCBvbm55IGJ5I...</BinaryAttachmentData>
        </Attachment>
      </Body>
    </IMPDEC>
  </S:Body>
</S:Envelope>
```

4.2 Example 2: IMPDEC CANCEL message, sent to C-Point

With this example the message of example 1 (see section 4.1) is cancelled.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<S:Envelope xmlns:S="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
xmlns:ebi="http://www.myvan.descartes.com/ebi/2004/r1">
  <S:Header>
    <wsa:From>
      <wsa:Address>urn:duns:371031225</wsa:Address>
    </wsa:From>
    <wsa:To>urn:duns:370859360</wsa:To>
    <wsa:Action>urn:myvan:IFTMCA</wsa:Action>
    <ebi:Sequence>
      <ebi:MessageNumber>4</ebi:MessageNumber>
    </ebi:Sequence>
    <ebi:Created>2016-09-12 19:20:02</ebi:Created>
    <ebi:TestIndicator>P</ebi:TestIndicator>
  </S:Header>
  <S:Body>
    <?xml version="1.0" encoding="utf-8"?>
    <IMPDEC xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:EBAIMP" VersionMajor="1" VersionMinor="0">
      <Header>
        <Sender codeType="EORI">BE0245394311</Sender>
        <Receiver codeType="EORI">BE0248399380</Receiver>
        <MessageNo>P110467369853000020222</MessageNo>
        <PreviousMessageNo>P110467369853000018088</PreviousMessageNo>
        <DateTimeStamp>2016-09-12T19:20:10</DateTimeStamp>
      </Header>
      <Body>
        <TransactionCode>CANCEL</TransactionCode>
      </Body>
    </IMPDEC>
  </S:Body>
</S:Envelope>
```

4.3 Example 3: IMPDEC message, for an IMAJ document, sent to C-Point

With this example the message sender reports to eBalie, with an IMAJ document, that 2 vehicles should stay at the terminal in customs storage (douane entpot).

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<S:Envelope xmlns:S="http://www.w3.org/2003/05/soap-envelope"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
  xmlns:ebi="http://www.myvan.descartes.com/ebi/2004/r1">
  <S:Header>
    <wsa:From>
      <wsa:Address>urn:duns:371031225</wsa:Address>
    </wsa:From>
    <wsa:To>urn:duns:370859360</wsa:To>
    <wsa:Action>urn:myvan:IFTMCA</wsa:Action>
    <ebi:Sequence>
      <ebi:MessageNumber>4</ebi:MessageNumber>
    </ebi:Sequence>
    <ebi:Created>2016-09-09 09:25:02</ebi:Created>
    <ebi:TestIndicator>P</ebi:TestIndicator>
  </S:Header>
  <S:Body>
    <?xml version="1.0" encoding="utf-8"?>
    <IMPDEC xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xmlns="urn:EBAIMP" VersionMajor="1" VersionMinor="0">
      <Header>
        <Sender codeType="EORI">BE0895625566</Sender>
        <Receiver codeType="EORI">BE0248399380</Receiver>
        <MessageNo>P110467369853000000233</MessageNo>
        <DateTimeStamp>2016-09-09T09:25:02</DateTimeStamp>
      </Header>
      <Body>
        <TransactionCode>CREATE</TransactionCode>
        <Document type="MRN">
          <Terminal>BEANR0900601333</Terminal>
          <Number>16BEI0000000024958</Number>
          <CustomsProcedure>IMAJ</CustomsProcedure>
          <CustomsStatus>BLOCKED</CustomsStatus>
        </Document>
        <Cargos type="RORO">
          <Cargo>JTMHV01J0G4202352</Cargo>
          <Cargo>WDD3666401F452085</Cargo>
        </Cargos>
      </Body>
    </IMPDEC>
  </S:Body>
</S:Envelope>
```

4.4 Example 4: IMPDEC message, for an IMAH document, sent to C-Point

With this example the message sender reports to eBalie the release of 1 vehicle that was put in customs storage (see IMPDEC example 3 in section 4.3) with an IMAH message.

Note that:

- the release of a vehicle that was placed in customs storage at the terminal of discharge, can only be reported by the same company that reported the customs storage.
- the release of this vehicle should be reported with a CREATE message. A REPLACE message is only used to make changes to a document that was already reported to eBalie

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<S:Envelope xmlns:S="http://www.w3.org/2003/05/soap-envelope"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
  xmlns:ebi="http://www.myvan.descartes.com/ebi/2004/r1">
  <S:Header>
    <wsa:From>
      <wsa:Address>urn:duns:371031225</wsa:Address>
    </wsa:From>
    <wsa:To>urn:duns:370859360</wsa:To>
    <wsa:Action>urn:myvan:IFTMCA</wsa:Action>
    <ebi:Sequence>
      <ebi:MessageNumber>4</ebi:MessageNumber>
    </ebi:Sequence>
    <ebi:Created>2016-09-18 08:18:03</ebi:Created>
    <ebi:TestIndicator>P</ebi:TestIndicator>
  </S:Header>
  <S:Body>
    <?xml version="1.0" encoding="utf-8"?>
    <IMPDEC xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xmlns="urn:EBAIMP" VersionMajor="1" VersionMinor="0">
      <Header>
        <Sender codeType="EORI">BE0895625566</Sender>
        <Receiver codeType="EORI">BE0248399380</Receiver>
        <MessageNo>P110467369853000001258</MessageNo>
        <DateTimeStamp>2016-09-18T08:18:10</DateTimeStamp>
      </Header>
      <Body>
        <TransactionCode>CREATE</TransactionCode>
        <Document type="MRN">
          <Terminal>BEANR0900601333</Terminal>
          <Number>16BEI0002586324125</Number>
          <CustomsProcedure>IMAH</CustomsProcedure>
          <CustomsStatus>RELEASED</CustomsStatus>
        </Document>
        <Cargos type="RORO">
          <Cargo>JTMHV01J0G4202352</Cargo>
        </Cargos>
      </Body>
    </IMPDEC>
  </S:Body>
</S:Envelope>
```


4.5 Example 5: Response message

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<S:Envelope xmlns:S="http://www.w3.org/2003/05/soap-envelope"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
  xmlns:ebi="http://www.myvan.descartes.com/ebi/2004/r1">
  <S:Header>
    <wsa:From>
      <wsa:Address> urn:duns:370859360</wsa:Address>
    </wsa:From>
    <wsa:To>urn:duns:371031225</wsa:To>
    <wsa:Action>urn:myvan:APERAK </wsa:Action>
    <ebi:Sequence>
      <ebi:MessageNumber>5</ebi:MessageNumber>
    </ebi:Sequence>
    <ebi:Created>2016-09-12 18:25:04</ebi:Created>
    <ebi:TestIndicator>P</ebi:TestIndicator>
  </S:Header>
  <S:Body>
    <APERAK xmlns="urn:PCM" xmlns:ns2="urn:EBAIMP" VersionMinor="0" VersionMajor="1">
    <MessageHeader>
      <MessageIdentifier>
        <MessageTypeIdentifier>APERAK</MessageTypeIdentifier>
        <MessageTypeVersionNumber>D</MessageTypeVersionNumber>
        <MessageTypeReleaseNumber>03A</MessageTypeReleaseNumber>
        <ControllingAgency>UN</ControllingAgency>
        <AssociationAssignedCode>EBL</AssociationAssignedCode>
      </MessageIdentifier>
    </MessageHeader>
    <BeginningOfMessage>
      <DocumentMessageName>
        <DocumentNameCode>294</DocumentNameCode>
      </DocumentMessageName>
      <DocumentMessageIdentification>
        <DocumentIdentifier>EBL000000000000001044</DocumentIdentifier>
      </DocumentMessageIdentification>
      <MessageFunctionCode>9</MessageFunctionCode>
      <ResponseTypeCode>RE</ResponseTypeCode>
    </BeginningOfMessage>
    <DateTimePeriod>
      <DateTimeFunctionQualifier>137</DateTimeFunctionQualifier>
      <DateOrTimeOrPeriodText>2016-09-12T18:25:03.527Z</DateOrTimeOrPeriodText>
    </DateTimePeriod>
    <GroupDocumentMessageDetails>
      <DocumentMessageName>
        <DocumentNameCode>7</DocumentNameCode>
      </DocumentMessageName>
      <DocumentMessageDetails>
        <DocumentIdentifier>BE0429672881004</DocumentIdentifier>
      </DocumentMessageDetails>
    </GroupDocumentMessageDetails>
    <GroupNameAndAddress>
      <NameAndAddress>
```

```
<PartyFunctionCodeQualifier>MS</PartyFunctionCodeQualifier>
<PartyIdentificationDetails>
  <PartyIdentifier>APCS:APCS</PartyIdentifier>
</PartyIdentificationDetails>
</NameAndAddress>
</GroupNameAndAddress>
<GroupNameAndAddress>
  <NameAndAddress>
    <PartyFunctionCodeQualifier>MR</PartyFunctionCodeQualifier>
    <PartyIdentificationDetails>
      <PartyIdentifier>EORI:BE0429672881</PartyIdentifier>
    </PartyIdentificationDetails>
  </NameAndAddress>
</GroupNameAndAddress>
<GroupApplicationErrorInformation>
  <ApplicationErrorInformation>
    <ApplicationErrorDetail>
      <ApplicationErrorCode>280</ApplicationErrorCode>
      <CodeListIdentificationCode>REJ</CodeListIdentificationCode>
      <CodeListResponsibleAgencyCode>APA</CodeListResponsibleAgencyCode>
    </ApplicationErrorDetail>
  </ApplicationErrorInformation>
  <FreeText>
    <TextSubjectCodeQualifier>AAO</TextSubjectCodeQualifier>
    <TextLiteral>
      <FreeText>
'combination.vehicle.terminal.owned.by.other.company:VIN25369852147852</FreeText>
      </TextLiteral>
    </FreeText>
  </GroupApplicationErrorInformation>
</APERAK>
</S:Body>
</S:Envelope>
```

4.6 Example 6: Response message with an XSD error

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<S:Envelope xmlns:S="http://www.w3.org/2003/05/soap-envelope"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
  xmlns:ebi="http://www.myvan.descartes.com/ebi/2004/r1">
  <S:Header>
    <wsa:From>
      <wsa:Address> urn:duns:370859360</wsa:Address>
    </wsa:From>
    <wsa:To>urn:duns:371031225</wsa:To>
    <wsa:Action>urn:myvan:APERAK </wsa:Action>
    <ebi:Sequence>
      <ebi:MessageNumber>6</ebi:MessageNumber>
    </ebi:Sequence>
    <ebi:Created>2016-09-12 18:25:04</ebi:Created>
    <ebi:TestIndicator>P</ebi:TestIndicator>
  </S:Header>
  <S:Body>
    <APERAK xmlns="urn:PCM" xmlns:ns2="urn:EBAIMP" VersionMinor="0" VersionMajor="1">
      <MessageHeader>
        <MessageIdentifier>
          <MessageTypeIdentifier>APERAK</MessageTypeIdentifier>
          <MessageTypeVersionNumber>D</MessageTypeVersionNumber>
          <MessageTypeReleaseNumber>03A</MessageTypeReleaseNumber>
          <ControllingAgency>UN</ControllingAgency>
          <AssociationAssignedCode>PROT20</AssociationAssignedCode>
        </MessageIdentifier>
      </MessageHeader>
      <BeginningOfMessage>
        <DocumentMessageName>
          <DocumentNameCode>294</DocumentNameCode>
        </DocumentMessageName>
        <DocumentMessageIdentification>
          <DocumentIdentifier>CMB0000000000000010195</DocumentIdentifier>
        </DocumentMessageIdentification>
        <MessageFunctionCode>9</MessageFunctionCode>
        <ResponseTypeCode>RP</ResponseTypeCode>
      </BeginningOfMessage>
      <DateTimePeriod>
        <DateTimeFunctionQualifier>137</DateTimeFunctionQualifier>
        <DateOrTimeOrPeriodText>2016-09-
12T18:25:04.087Z</DateOrTimeOrPeriodText>
      </DateTimePeriod>
      <GroupDocumentMessageDetails>
        <DocumentMessageName>
          <DocumentNameCode>305</DocumentNameCode>
        </DocumentMessageName>
        <DocumentMessageDetails>
          <DocumentIdentifier>EBL0000014</DocumentIdentifier>
        </DocumentMessageDetails>
      </GroupDocumentMessageDetails>
      <GroupNameAndAddress>
```

```

        <NameAndAddress>
          <PartyFunctionCodeQualifier>MS</PartyFunctionCodeQualifier>
          <PartyIdentificationDetails>
            <PartyIdentifier>1</PartyIdentifier>
          </PartyIdentificationDetails>
        </NameAndAddress>
      </GroupNameAndAddress>
    <GroupNameAndAddress>
      <NameAndAddress>
        <PartyFunctionCodeQualifier>MR</PartyFunctionCodeQualifier>
        <PartyIdentificationDetails>
          <PartyIdentifier>20169</PartyIdentifier>
        </PartyIdentificationDetails>
      </NameAndAddress>
    </GroupNameAndAddress>
    <GroupApplicationErrorInformation>
      <ApplicationErrorInformation>
        <ApplicationErrorDetail>
          <ApplicationErrorCode>999</ApplicationErrorCode>
        </ApplicationErrorDetail>
      </ApplicationErrorInformation>
      <FreeText>
        <TextSubjectCodeQualifier>AAO</TextSubjectCodeQualifier>
        <TextLiteral>
          <FreeText>Message with id = 7307082 could not be handled.
Message is invalid: validation failed cvc-length-valid: Value 'TESTWIM00000' with length = '12' is not facet-valid
with respect to length '17' for type 'SCargoNumber'.</FreeText>
        </TextLiteral>
      </FreeText>
    </GroupApplicationErrorInformation>
  </APERAK>
</S:Body>
</S:Envelope>

```

5 Version history

Version	Date	Author	Remarks
1.0	September 20, 2016	An Cant	Document creation
2.0	March 5, 2019	Marjolein Lambrechts	Update for ferry