FV22   Finished vehicles - Envelope

VERSION No: V1R1
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STRUCTURE

Occurrence	Element/Attribute

Envelope

required	@ Version
required	@ ControllingInstance
1 .. 1	xs:sequence
1 .. 1	**Header**
1 .. 1	xs:sequence
1 .. 1	**ReceiverID**
required	@ Agency
1 .. 1	**SenderID**
required	@ Agency
1 .. 1	**MessageType**
1 .. 1	**InterchangeID**
1 .. 1	**Timestamp**
0 .. 1	**TestIndicator**
1 .. 1	**Body**
1 .. 1	xs:sequence
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	**DummyMessage**
0 .. unbounded	**Attachment**
	@ Id
	@ MimeType
	@ Encoding

Bold = Simple Element, Bold on grey background = Complex Element, @ + Italic = Attribute, Grey = Group

GUIDELINE

Element/Attribute	Annotation	
Envelope	**Type**	extension (EnvelopeType)
	Remark	The Envelope element provides a wrapper around the message that can be used by traditional EDI-systems and web-services to identify the message sender and receiver on a technical level rather than the commercial level. It contains also a unique interchange number for tracking, tracing and reference, a timestamp and an indicator, whether the interchange is a test.
		To keep it simple each envelope contains exactly one specified business message in its Body sub-element. For technical reasons (e.g. to select the correct converter-procedure in the EDI-system) this business message type must be specified in the Envelope/Header element as well.
⌐ @ *Version*	**Type**	xs:normalizedString
	Fixed	2022A
	Use	required
	WhiteSpace	replace
	Remark	Schema version
	Applicable Codes	
	2020A	
	2022A	
⌐ @ *ControllingInstance*	**Type**	xs:string
	Fixed	Odette
	Use	required
	Remark	To indicate the author (fixed: Odette)
⌐ xs:sequence	**Occurence**	1 .. 1
⌐ **Header**	**Occurence**	1 .. 1
	Type	EnvelopeHeaderType
	Remark	This element contains the interchange information of the data exchange.
⌐ xs:sequence	**Occurence**	1 .. 1
⌐ **ReceiverID**	**Occurence**	1 .. 1
	Type	PartyIdentifierType
	Length	1 .. 70
	Remark	Technical ID of the receiver - e.g. address of a web-service or OFTP2-ID
⌐ @ *Agency*	**Type**	IdentfierAssigningAgencyCode
	Use	required
	Remark	Responsible agency or organisation assigning the identifier.
	Applicable Codes	
	Buyer	Identifier assigned by the buyer (customer)
	DUNS	D.U.N.S. number, assigned by Dun and Bradstreet

Bold = Element, @ + Italic = Attribute, Grey = Group

GUIDELINE

Element/Attribute	Annotation

	Applicable Codes
	Odette Assigned by Odette
	Operator Assigned by the owner of the operation
	Seller Identifier assigned by the supplier

SenderID	**Occurence** 1 .. 1
	Type PartyIdentifierType
	Length 1 .. 70
	Remark Technical ID of the sender - e.g. address of a web-service or OFTP2-ID

@ *Agency*	**Type** IdentfierAssigningAgencyCode
	Use required
	Remark Responsible agency or organisation assigning the identifier.
	Applicable Codes
	Buyer Identifier assigned by the buyer (customer)
	DUNS D.U.N.S. number, assigned by Dun and Bradstreet
	Odette Assigned by Odette
	Operator Assigned by the owner of the operation
	Seller Identifier assigned by the supplier

MessageType	**Occurence** 1 .. 1
	Type ElectronicDocumentTypeCode
	Remark The message type of the message contained in this Envelope.

InterchangeID	**Occurence** 1 .. 1
	Type xs:string
	Remark The unique ID assigned by the connector or EDI-system to the interchange.

Timestamp	**Occurence** 1 .. 1
	Type xs:dateTime
	Remark Date and time of generation of the envelope (may differ from the message date itself), local time CCYY-MM-DDTHH:MM:SS - example: 2010-10-04T10: 15:32

TestIndicator	**Occurence** 0 .. 1
	Type xs:boolean
	Default false
	Remark To mark the interchange as test (true).

Body	**Occurence** 1 .. 1
	Type EnvelopeBodyType
	Remark The Body element contains the business message and - in some cases - Attachments.

| xs:sequence | **Occurence** 1 .. 1 |

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GUIDELINE

Element/Attribute	Annotation	
xs:sequence	**Occurence**	1 .. 1
xs:choice	**Occurence**	1 .. 1
	Remark	Here, exactly one of the defined message elements follows.
DummyMessage	**Occurence**	1 .. 1
	Type	xs:string
	Name	This is a placeholder only - here, one of the documented messages must be included
Attachment	**Occurence**	0 .. unbounded
	Type	ObjectType
	Remark	Messages can have attachments embedded in the Body element and encoded as base64Binaries.
@ Id	**Type**	xs:ID
	Pattern	[\i-[:]][\c-[:]]*
	WhiteSpace	collapse
	Remark	Unique ID of the attachment.
@ MimeType	**Type**	xs:string
	Remark	Identifies the format of the attachment.
	Applicable Codes	
	application/pdf	
	application/zip	
	image/gif	
	image/jpeg	
	image/png	
	text/csv	
@ Encoding	**Type**	xs:anyURI
	Default	base64Binary
	Remark	Attachments are to be encoded as base64 binaries.

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EXAMPLE(S)

XML interchange structure

```xml
<?xml version="1.0" encoding="UTF-8"?>
<Envelope Version="2022A"
    ControllingInstance="Odette">
  <Header>
    <ReceiverID>urn:autogration:de:firma:ort:001</ReceiverID>
    <SenderID>urn:autogration:uk:company:city:001</SenderID>
    <MessageType>VehicleTransportOrder</MessageType>
    <InterchangeID>www.abc.com_201010151433</InterchangeID>
    <Timestamp>2010-10-15T14:33:55</Timestamp>
    <TestIndicator>false</TestIndicator>
  </Header>
  <Body>
  <!-- here, the real message is included -->
  <!-- in the example, it is a general text message -->
    <GeneralMessage Version="1.1" ControllingInstance="Odette">
      <SubType>GeneralMessage</SubType>
      <DocumentID>1234567</DocumentID>
      <IssueDate>201009281433</IssueDate>
      <Header>
        <SenderID>ABC 123</SenderID>
        <ReceiverID>XYZ 789</ReceiverID>
        <FreeText>See attached photo</FreeText>
      </Header>
    </GeneralMessage>
    <Attachment Id="_1_photo.png" MimeType="image/png" Encoding="base64Binary">
      A2B3C2 ….
    </Attachment>
  </Body>
</Envelope>
```