

## FV19 Finished vehicles - Vehicle Inventory Report

If the OEM needs the inventory of a certain compound or geo-fence zone, a request message is sent to the LSP. The LSP then sends back a response message containing the requested information. This guideline covers both functions.

VERSION No: V1R1  
DATE: SEPTEMBER 2022  
Author: ECG/Odette/VDA

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## CHANGE HISTORY

No	Changes
01	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Header/ReceiverID/@Agency
02	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Header/SenderID/@Agency
03	Date 2022-05-05 Version 1.1 Change Description extension of integer changed to extension of string to match added formats. Path Envelope/Body/VehicleInventoryReport/IssueDate
04	Date 2022-09-13 Version 1.1 Change Description Deleted CCYYMMDDhhmmZ and CCYYMMDDhhmssZ - no appropriate EDIFACT codes available. Use corresponding format with CCYYMMDDhhmssZZZ and CCYYMMDDhhmssZZZ with UTC to denominate zulu-time Path Envelope/Body/VehicleInventoryReport/IssueDate/@Format
05	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Body/VehicleInventoryReport/IssueDate/@Format
06	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Body/VehicleInventoryReport/Header/SenderID/@Agency
07	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Body/VehicleInventoryReport/Header/ReceiverID/@Agency
08	Date 2022-02-15 Version 1.1 Change Description Spelling corrected Path Envelope/Body/VehicleInventoryReport/Header/LogisticsServiceProvider
09	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Body/VehicleInventoryReport/Header/LogisticsServiceProvider/Identifier/@Agency
10	Date 2022-05-05 Version 1.1 Change Description extension of integer changed to extension of string to match added formats. Path Envelope/Body/VehicleInventoryReport/Line/InventoryDate
11	Date 2022-09-13 Version 1.1 Change Description Deleted CCYYMMDDhhmmZ and CCYYMMDDhhmssZ - no appropriate EDIFACT codes available. Use corresponding format with CCYYMMDDhhmssZZZ and CCYYMMDDhhmssZZZ with UTC to denominate zulu-time Path Envelope/Body/VehicleInventoryReport/Line/InventoryDate/@Format

## CHANGE HISTORY

No	Changes
12	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Body/VehicleInventoryReport/Line/InventoryDate/@Format
13	Date 2022-02-17 Version 1.1 Change Description From required to optional, because comment says: Either this element is used and vehicles are grouped by location area, or alternatively the element under Vehicle is used, then vehicles can be transmitted without being sorted / grouped by location. Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Area
14	Date 2022-02-15 Version 1.1 Change Description Spelling corrected Hight -> Height Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Model/Height
15	Date 2022-02-08 Version 1.1 Change Description additional qualifier codes Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/CharacteristicProperty
16	Date 2022-09-13 Version 1.1 Change Description new codes added to align with EDIFACT message Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/CharacteristicProperty/@Qualifier
17	Date 2022-05-05 Version 1.1 Change Description extension of integer changed to extension of string to match added formats. Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/PositioningDate
18	Date 2022-09-13 Version 1.1 Change Description Deleted CCYMMDDhhmmZ and CCYMMDDhhmssZ - no appropriate EDIFACT codes available. Use corresponding format with CCYMMDDhhmssZZZ and CCYMMDDhhmssZZZ with UTC to denominate zulu-time Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/PositioningDate/@Format
19	Date 2022-05-12 Version 1.1 Change Description optional -> required Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/PositioningDate/@Format
20	Date 2022-05-05 Version 1.1 Change Description extension of integer changed to extension of string to match added formats. Path Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/ReadyDate
21	Date 2022-09-13 Version 1.1 Change Description Deleted CCYMMDDhhmmZ and CCYMMDDhhmssZ - no appropriate EDIFACT codes available. Use corresponding format with CCYMMDDhhmssZZZ and CCYMMDDhhmssZZZ with UTC to denominate



## CHANGE HISTORY

No	Changes	
		zulu-time Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/ReadyDate/ @Format
22	Date Version Change Description Path	2022-05-12 1.1 optional -> required Envelope/Body/VehicleInventoryReport/Line/Inventory/Vehicle/ReadyDate/ @Format
23	Date Version Change Description Path	2022-05-12 1.1 optional -> required Envelope/Body/VehicleInventoryReport/Line/Inventory/OriginalShipFrom/ Identifier/@Agency
24	Date Version Change Description Path	2022-05-12 1.1 optional -> required Envelope/Body/VehicleInventoryReport/Line/Inventory/ShipTo/Identifier/@Agency
25	Date Version Change Description Path	2022-05-12 1.1 optional -> required Envelope/Body/VehicleInventoryReport/Line/Inventory/UltimateCustomer/ Identifier/@Agency
26	Date Version Change Description Path	2022-09-13 1.1 Code "Originator" added Envelope/Body/VehicleInventoryReport/Line/Inventory/UltimateCustomer/ Identifier/@Agency

**STRUCTURE**

Occurrence	Element/Attribute
	<b>Envelope</b>
required	@ Version
required	@ ControllingInstance
1 .. 1	xs:sequence
1 .. 1	<b>Header</b>
1 .. 1	xs:sequence
1 .. 1	<b>ReceiverID</b>
required	@ Agency
1 .. 1	<b>SenderID</b>
required	@ Agency
1 .. 1	<b>MessageType</b>
1 .. 1	<b>InterchangeID</b>
1 .. 1	<b>Timestamp</b>
0 .. 1	<b>TestIndicator</b>
1 .. 1	<b>Body</b>
1 .. 1	xs:sequence
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	<b>VehicleInventoryReport</b>
required	@ Version
required	@ ControllingInstance
1 .. 1	xs:sequence
1 .. 1	<b>SubType</b>
0 .. 1	<b>Profile</b>
1 .. 1	<b>DocumentID</b>
1 .. 1	<b>IssueDate</b>
required	@ Format
1 .. 1	<b>Header</b>
1 .. 1	xs:sequence
1 .. unbounded	<b>SenderID</b>
required	@ Agency
1 .. unbounded	<b>ReceiverID</b>
required	@ Agency
1 .. 1	<b>LogisticsServiceProvider</b>
1 .. 1	xs:sequence
1 .. unbounded	<b>Identifier</b>
required	@ Agency
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
0 .. 1	<b>Name1</b>
0 .. 1	<b>Name2</b>
0 .. 1	<b>Street1</b>
0 .. 1	<b>Street2</b>
0 .. 1	<b>PostalCode</b>
0 .. 1	<b>City</b>
0 .. 1	<b>CountryCode</b>

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



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**STRUCTURE**

Occurrence	Element/Attribute
0 .. 1	CountryName
0 .. 1	<b>Contact</b>
required	@ Qualifier
1 .. 1	xs:sequence
0 .. 1	Identifier
1 .. 1	Name
0 .. 1	Telephone
0 .. 1	Telefax
0 .. 1	Email
0 .. unbounded	Reference
required	@ Qualifier
0 .. 1	FreeText
1 .. unbounded	<b>Line</b>
1 .. 1	xs:sequence
0 .. 1	InventoryDate
required	@ Format
1 .. unbounded	<b>Inventory</b>
required	@ LevelID
	@ Direction
	@ Type
1 .. 1	xs:sequence
0 .. 1	Area
0 .. 1	Description
0 .. 1	ParentID
0 .. 1	<b>Model</b>
	@ Cluster
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Version
0 .. 1	ModelGroup
0 .. 1	<b>Manufacturer</b>
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	CountryCode
0 .. 1	GrossWeight
0 .. 1	Length
0 .. 1	Width
0 .. 1	Height
0 .. 1	VehicleQuantity
0 .. 1	CapacityUsage
0 .. unbounded	<b>Vehicle</b>
	@ Priority
	@ DispatchType
	@ OrderType
	@ OrderStatus
1 .. 1	xs:sequence
1 .. 1	xs:sequence

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## STRUCTURE

Occurrence	Element/Attribute
1 .. 2 required	<b>VehicleID</b> @ Type
0 .. unbounded required	<b>CharacteristicProperty</b> @ Qualifier xs:sequence
1 .. 1	<b>Value</b>
1 .. 1	<b>Reference</b> @ Qualifier
0 .. unbounded required	<b>Area</b>
0 .. 1	<b>ParentID</b>
0 .. 1	<b>PositioningDate</b> @ Format
required	<b>ReadyDate</b> @ Format
0 .. 1	<b>OriginalShipFrom</b>
1 .. 1	xs:sequence
0 .. unbounded required	<b>Identifier</b> @ Agency
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
0 .. 1	<b>Name1</b>
0 .. 1	<b>Name2</b>
0 .. 1	<b>Street1</b>
0 .. 1	<b>Street2</b>
0 .. 1	<b>PostalCode</b>
0 .. 1	<b>City</b>
0 .. 1	<b>CountryCode</b>
0 .. 1	<b>CountryName</b>
0 .. 1	<b>ShipTo</b>
1 .. 1	xs:sequence
0 .. unbounded required	<b>Identifier</b> @ Agency
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
0 .. 1	<b>Name1</b>
0 .. 1	<b>Name2</b>
0 .. 1	<b>Street1</b>
0 .. 1	<b>Street2</b>
0 .. 1	<b>PostalCode</b>
0 .. 1	<b>City</b>
0 .. 1	<b>CountryCode</b>
0 .. 1	<b>CountryName</b>
0 .. 1	<b>UnloadingPoint</b> @ Lat @ Lon
1 .. 1	xs:sequence
1 .. 1	<b>LocationID</b>

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**STRUCTURE**

Occurrence	Element/Attribute
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
0 .. 1	<b>Name1</b>
0 .. 1	<b>Name2</b>
0 .. 1	<b>Street1</b>
0 .. 1	<b>Street2</b>
0 .. 1	<b>PostalCode</b>
0 .. 1	<b>City</b>
0 .. 1	<b>CountryCode</b>
0 .. 1	<b>CountryName</b>
0 .. 1	<b>UltimateCustomer</b>
1 .. 1	xs:sequence
0 .. unbounded	<b>Identifier</b>
required	@ Agency
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
0 .. 1	<b>Name1</b>
0 .. 1	<b>Name2</b>
0 .. 1	<b>Street1</b>
0 .. 1	<b>Street2</b>
0 .. 1	<b>PostalCode</b>
0 .. 1	<b>City</b>
0 .. 1	<b>CountryCode</b>
0 .. 1	<b>CountryName</b>
0 .. 1	<b>FreeText</b>
	@ Qualifier
	@ Language

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**GUIDELINE**

Element/Attribute	Annotation
<b>Envelope</b>	<p><b>Type</b> extension (EnvelopeType)</p> <p><b>Remark</b> 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.</p> <p>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.</p>
@ <i>Version</i>	<p><b>Type</b> xs:normalizedString</p> <p><b>Fixed</b> 2022A</p> <p><b>Use</b> required</p> <p><b>WhiteSpace</b> replace</p> <p><b>Remark</b> Schema version</p> <p><b>Applicable Codes</b></p> <p>2022A</p>
@ <i>ControllingInstance</i>	<p><b>Type</b> xs:string</p> <p><b>Fixed</b> Odette</p> <p><b>Use</b> required</p> <p><b>Remark</b> To indicate the author (fixed: Odette)</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Header</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> EnvelopeHeaderType</p> <p><b>Remark</b> This element contains the interchange information of the data exchange.</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>ReceiverID</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> PartyIdentifierType</p> <p><b>Length</b> 1 .. 70</p> <p><b>Remark</b> Technical ID of the receiver - e.g. address of a web-service or OFTP2-ID</p>
@ <i>Agency</i>	<p><b>Type</b> IdentifierAssigningAgencyCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p> <p><b>Applicable Codes</b></p> <p><b>Buyer</b> Identifier assigned by the buyer (customer)</p> <p><b>DUNS</b> D.U.N.S. number, assigned by Dun and Bradstreet</p> <p><b>Odette</b> Assigned by Odette</p>

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**GUIDELINE**

Element/Attribute	Annotation
	<p><b>Applicable Codes</b></p> <p><b>Operator</b> Assigned by the owner of the operation</p> <p><b>Seller</b> Identifier assigned by the supplier</p>
<b>SenderID</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> PartyIdentifierType</p> <p><b>Length</b> 1 .. 70</p> <p><b>Remark</b> Technical ID of the sender - e.g. address of a web-service or OFTP2-ID</p>
@ <i>Agency</i>	<p><b>Type</b> IdentifierAssigningAgencyCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p>
	<p><b>Applicable Codes</b></p> <p><b>Buyer</b> Identifier assigned by the buyer (customer)</p> <p><b>DUNS</b> D.U.N.S. number, assigned by Dun and Bradstreet</p> <p><b>Odette Operator</b> Assigned by Odette</p> <p><b>Seller</b> Identifier assigned by the supplier</p>
<b>MessageType</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> ElectronicDocumentTypeCode</p> <p><b>Remark</b> The message type as identified in the web service.</p>
	<p><b>Applicable Codes</b></p> <p><b>VehicleInventoryReport</b></p>
<b>InterchangeID</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> xs:string</p> <p><b>Remark</b> The unique ID assigned by the connector to the interchange. Recommended: combination of sender's URL+timestamp</p>
<b>Timestamp</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> xs:dateTime</p> <p><b>Remark</b> 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</p>
<b>TestIndicator</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:boolean</p> <p><b>Default</b> false</p> <p><b>Remark</b> To mark the interchange as test (true).</p>
<b>Body</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> EnvelopeBodyType</p> <p><b>Remark</b> The Body element contains the business message and - in some cases - Attachments.</p>

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**GUIDELINE**

Element/Attribute	Annotation
xs:sequence	<b>Occurence</b> 1 .. 1
xs:sequence	<b>Occurence</b> 1 .. 1
xs:choice	<b>Occurence</b> 1 .. 1 <b>Remark</b> Here, exactly one of the defined message elements follows.
<b>VehicleInventoryReport</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> extension (ElectronicDocumentType_2) <b>Remark</b> If the OEM needs the inventory of a certain compound or geo-fence zone, a request message is sent to the LSP. The LSP then sends back a response message containing the requested information. This guideline covers both functions.
@ <i>Version</i>	<b>Type</b> xs:normalizedString <b>Fixed</b> 1.1 <b>Use</b> required <b>WhiteSpace</b> replace <b>Remark</b> Schema version
@ <i>ControllingInstance</i>	<b>Type</b> ControllingInstanceCode <b>Fixed</b> Odette <b>Use</b> required <b>Remark</b> To indicate the author.
	<b>Applicable Codes</b>
	<b>Odette</b>
xs:sequence	<b>Occurence</b> 1 .. 1
<b>SubType</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> ElectronicDocumentSubTypeCode <b>Remark</b> To define the sub-type of the document - see codes
	<b>Applicable Codes</b>
	<b>VehicleInventoryReport</b> Inventory report for finished vehicles
	<b>VehicleInventoryRequest</b> Request to take inventory of finished vehicles in a compound or area of a compound.
<b>Profile</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:string <b>Name</b> To identify the implementation profile of the message (e.g. the underlying business process etc.)
<b>DocumentID</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> string_1_35 <b>Length</b> 1 .. 35 <b>Remark</b> The number issued by the creator of the document.
<b>IssueDate</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> DateType2 <b>Remark</b> Issue date / time of this message
@ <i>Format</i>	<b>Type</b> DateTypeFormatCode <b>Use</b> required

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**GUIDELINE**

Element/Attribute	Annotation
	<p><b>Remark</b> Format of date / date + time , coded</p> <p><b>Applicable Codes</b></p> <p><b>CCYYMMDD</b> Date</p> <p><b>CCYYMMDDhhmm</b> Date and time</p> <p><b>CCYYMMDDhhmmZhmm</b> Date &amp; time with time zone offset, e. g. 20190124153000+0100 =&gt; 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)</p> <p><b>CCYYMMDDhhmmss</b> Date &amp; time including seconds</p> <p><b>CCYYMMDDhhmmssZhmm</b> Date &amp; time including seconds with time zone</p>
<b>Header</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> VehicleInventoryHeaderType</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>
<b>SenderID</b>	<p><b>Occurrence</b> 1 .. unbounded</p> <p><b>Type</b> PartyIdentifierType</p> <p><b>Length</b> 1 .. 70</p> <p><b>Remark</b> Commercial ID of the sender of the message</p>
@ Agency	<p><b>Type</b> IdentifierAssigningAgencyCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p> <p><b>Applicable Codes</b></p> <p><b>AccountNumber</b> Account number assigned by Buyer</p> <p><b>Buyer</b> Identifier assigned by the buyer (customer)</p> <p><b>DUNS</b> D.U.N.S. number, assigned by Dun and Bradstreet</p> <p><b>Odette</b> Assigned by Odette</p> <p><b>Seller</b> Identifier assigned by the supplier</p> <p><b>VAT</b> VAT registration number assigned by national tax authorities</p>
<b>ReceiverID</b>	<p><b>Occurrence</b> 1 .. unbounded</p> <p><b>Type</b> PartyIdentifierType</p> <p><b>Length</b> 1 .. 70</p> <p><b>Remark</b> Commercial ID of the receiver of the message.</p>
@ Agency	<p><b>Type</b> IdentifierAssigningAgencyCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p> <p><b>Applicable Codes</b></p> <p><b>AccountNumber</b> Account number assigned by Buyer</p> <p><b>Buyer</b> Identifier assigned by the buyer (customer)</p> <p><b>DUNS</b> D.U.N.S. number, assigned by Dun and Bradstreet</p>

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Element/Attribute	Annotation
	<p><b>Applicable Codes</b></p> <p><b>Odette Seller</b> Assigned by Odette</p> <p><b>VAT</b> Identifier assigned by the supplier VAT registration number assigned by national tax authorities</p>
<b>LogisticsServiceProvider</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> extension (PartyType_4)</p> <p><b>Remark</b> In this message, the LSP is usually the compound operator.</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>
<b>Identifier</b>	<p><b>Occurrence</b> 1 .. unbounded</p> <p><b>Type</b> PartyIdentifierType</p> <p><b>Length</b> 1 .. 70</p> <p><b>Remark</b> Unique identifier of a party / business partner</p>
@ Agency	<p><b>Type</b> IdentifierAssigningAgencyCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p>
	<p><b>Applicable Codes</b></p> <p><b>Buyer</b> Identifier assigned by the buyer (customer)</p> <p><b>DUNS</b> D.U.N.S. number, assigned by Dun and Bradstreet</p> <p><b>Odette Seller</b> Assigned by Odette Identifier assigned by the supplier</p>
<b>Address</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> AddressType_2</p> <p><b>Remark</b> Name and address information</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>
<b>Name1</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Name - line 1</p>
<b>Name2</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Name - line 2</p>
<b>Street1</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Street - line 1</p>
<b>Street2</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p>

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**GUIDELINE**

Element/Attribute	Annotation
<b>PostalCode</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> string_1_10 <b>Length</b> 1 .. 10
<b>City</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> string_1_35 <b>Length</b> 1 .. 35
<b>CountryCode</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> CountryCode <b>Remark</b> Country, coded according to ISO 3166-2
<b>CountryName</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> string_1_40 <b>Length</b> 1 .. 40 <b>Remark</b> Country name
<b>Contact</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> extension (ContactType) <b>Remark</b> Contact information for the business partner
<i>@ Qualifier</i>	<b>Type</b> ContactQualifierCode <b>Use</b> required
	<b>Applicable Codes</b>
	<b>Information</b> General information contact
xs:sequence	<b>Occurence</b> 1 .. 1
<b>Identifier</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> IdentifierType <b>Length</b> 1 .. 20 <b>Remark</b> A unique identifier for this contact.
<b>Name</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> string_1_30 <b>Length</b> 1 .. 30 <b>Remark</b> Name of the contact partner or organisation unit.
<b>Telephone</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> string_1_25 <b>Length</b> 1 .. 25 <b>Remark</b> Telephone number
<b>Telefax</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> string_1_25 <b>Length</b> 1 .. 25 <b>Remark</b> Telefax number
<b>Email</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:string <b>Remark</b> Email address
<b>Reference</b>	<b>Occurence</b> 0 .. unbounded <b>Type</b> SimpleReferenceType <b>Length</b> 1 .. 70 <b>Remark</b> Reference to other business documents or messages
<i>@ Qualifier</i>	<b>Type</b> DocumentReferenceQualifierCode <b>Use</b> required

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**GUIDELINE**

Element/Attribute	Annotation								
<b>FreeText</b>	<p><b>Remark</b> Qualifies the type of reference - see code list in schema file</p> <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> FreeTextType</p> <p><b>Remark</b> To transmit free text information</p>								
<b>Line</b>	<p><b>Occurrence</b> 1 .. unbounded</p> <p><b>Type</b> VehicleInventoryLineType</p>								
<i>xs:sequence</i>	<p><b>Occurrence</b> 1 .. 1</p>								
<b>InventoryDate</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> DateType2</p> <p><b>Remark</b> requested or actual inventory date</p>								
<i>@ Format</i>	<p><b>Type</b> DateTypeFormatCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Format of date / date + time , coded</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td>CCYYMMDD</td> <td>Date</td> </tr> <tr> <td>CCYYMMDDhhmm</td> <td>Date and time</td> </tr> <tr> <td>CCYYMMDDhhmmZZZ</td> <td>Date &amp; time with time zone</td> </tr> <tr> <td>CCYYMMDDhhmmZhmm</td> <td>Date &amp; time with time zone offset, e. g. 20190124153000+0100 =&gt; 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)</td> </tr> </table>	CCYYMMDD	Date	CCYYMMDDhhmm	Date and time	CCYYMMDDhhmmZZZ	Date & time with time zone	CCYYMMDDhhmmZhmm	Date & time with time zone offset, e. g. 20190124153000+0100 => 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)
CCYYMMDD	Date								
CCYYMMDDhhmm	Date and time								
CCYYMMDDhhmmZZZ	Date & time with time zone								
CCYYMMDDhhmmZhmm	Date & time with time zone offset, e. g. 20190124153000+0100 => 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)								
<b>Inventory</b>	<p><b>Occurrence</b> 1 .. unbounded</p> <p><b>Type</b> VehicleInventoryArea</p>								
<i>@ LevelID</i>	<p><b>Type</b> xs:string</p> <p><b>Use</b> required</p> <p><b>Pattern</b> 1 2 3</p> <p><b>Remark</b> Denomination of the Inventory level:                      1 - Port or compound                      2 - Level 2 area within level 1 area (usually defined by a geo-fence)                      3 - Level 3 area within level 2 area (usually defined by a geo-fence)</p>								
<i>@ Direction</i>	<p><b>Type</b> xs:string</p> <p><b>Remark</b> Can be used to qualify inventory movement information</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td><b>in</b></td> <td>Vehicles moved into the inventory / storage area</td> </tr> <tr> <td><b>out</b></td> <td>Vehicles moved out of the inventory / storage area</td> </tr> </table>	<b>in</b>	Vehicles moved into the inventory / storage area	<b>out</b>	Vehicles moved out of the inventory / storage area				
<b>in</b>	Vehicles moved into the inventory / storage area								
<b>out</b>	Vehicles moved out of the inventory / storage area								
<i>@ Type</i>	<p><b>Type</b> xs:string</p> <p><b>Name</b> Type of inventory figures</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td><b>calculated</b></td> <td>inventory figures are based on bookkeeping information / calculation</td> </tr> <tr> <td><b>counted</b></td> <td>inventory has been counted physically</td> </tr> </table>	<b>calculated</b>	inventory figures are based on bookkeeping information / calculation	<b>counted</b>	inventory has been counted physically				
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**GUIDELINE**

Element/Attribute	Annotation
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Area</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Area identification:                      For level 2 zones, the following zone identification terms shall be used:                      - Production                      - Factory handover                      - Storage                      - Non-conform products                      - Pre-loading area                      - Workshop standby                      - Workshop                      - Workshop done                      - Customs import                      - Customs export                      - Shipment                      - First place of rest (FPOR)                      - Transport                      For further details, see the process description: If necessary, index numbers or values can be added to differentiate several level 2 areas of the same function (e.g. Workshop 1, Workshop 2 or the like).</p> <p>It is strongly recommended to apply the following scheme to build the IDs of zones:                      a. L1 : CENTREXXXX                      b. L2 : L2_CENTREXXXX_STORAGE1                      c. L3 : L3_CENTREXXXX_STORAGE1_AREA1 (name of Level 3 is free)</p> <p>Either this element is used and vehicles are grouped by location area, or alternatively the element under Vehicle is used, then vehicles can be transmitted without being sorted / grouped by location.</p>
<b>Description</b>	<p><b>Name</b> Level 1, 2 or 3 area ID</p> <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Additional description of the area</p>
<b>ParentID</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> ID of the next higher level area, this area belongs to (only applicable to level 2 and 3).</p>

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**GUIDELINE**

Element/Attribute	Annotation
<b>Model</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> VehicleModelType</p> <p><b>Remark</b> Details of the model, the vehicle(s) belong to or the inventory is taken for.</p>
<i>@ Cluster</i>	<p><b>Type</b> ModelClassificationTypeCode</p> <p><b>Remark</b> Type of vehicle - see code list</p> <p><b>Applicable Codes</b></p> <p>Hatchback</p> <p>Other</p> <p>SUV</p> <p>Sedan</p> <p>VAN</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Name</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> xs:string</p> <p><b>Remark</b> Model name</p>
<b>Version</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:string</p> <p><b>Remark</b> Model version</p>
<b>ModelGroup</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Denominates a grouping criterion</p>
<b>Manufacturer</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> PartyType_6</p> <p><b>Remark</b> Optional identifier, optional address</p> <p>Car manufacturer</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Name</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p>
<b>CountryCode</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> CountryCode</p>
<b>GrossWeight</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:integer</p> <p><b>FractionDigits</b> 0</p> <p><b>Remark</b> Weight in kg</p>
<b>Length</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:integer</p> <p><b>FractionDigits</b> 0</p> <p><b>Remark</b> Length in mm</p>
<b>Width</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:integer</p> <p><b>FractionDigits</b> 0</p> <p><b>Remark</b> Width in mm</p>

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**GUIDELINE**

Element/Attribute	Annotation								
<b>Height</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:integer</p> <p><b>FractionDigits</b> 0</p> <p><b>Remark</b> Height in mm</p>								
<b>VehicleQuantity</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:string</p> <p><b>Remark</b> Total number of vehicles of this model in this group</p>								
<b>CapacityUsage</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:string</p> <p><b>Remark</b> Used storage capacity in the area.</p>								
<b>Vehicle</b>	<p><b>Occurrence</b> 0 .. unbounded</p> <p><b>Type</b> InventoryVehicleType</p> <p><b>Remark</b> Individual vehicle(s) in this group</p>								
<i>@ Priority</i>	<p><b>Type</b> xs:boolean</p> <p><b>Remark</b> true - with priority false - no priority</p>								
<i>@ DispatchType</i>	<p><b>Type</b> xs:string</p> <p><b>Remark</b> New, used, other</p>								
<i>@ OrderType</i>	<p><b>Type</b> xs:string</p> <p><b>Name</b> see code list</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td>customer</td> <td>customer order</td> </tr> <tr> <td>dealer</td> <td>dealer stock</td> </tr> <tr> <td>other</td> <td>other</td> </tr> <tr> <td>stock</td> <td>stock</td> </tr> </table>	customer	customer order	dealer	dealer stock	other	other	stock	stock
customer	customer order								
dealer	dealer stock								
other	other								
stock	stock								
<i>@ OrderStatus</i>	<p><b>Type</b> xs:string</p> <p><b>Remark</b> see code list</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td>X01</td> <td>without transport order</td> </tr> <tr> <td>X02</td> <td>with transport order</td> </tr> <tr> <td>X03</td> <td>lot building in progress</td> </tr> <tr> <td>X04</td> <td>lot built</td> </tr> </table>	X01	without transport order	X02	with transport order	X03	lot building in progress	X04	lot built
X01	without transport order								
X02	with transport order								
X03	lot building in progress								
X04	lot built								
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>								
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>								
<b>VehicleID</b>	<p><b>Occurrence</b> 1 .. 2</p> <p><b>Type</b> extension (string_1_35)</p> <p><b>Length</b> 1 .. 35</p> <p><b>Name</b> Typically the vehicle is identified with the VIN. If that is not possible, however, a different unique identification can be used to identify the vehicle.</p>								
<i>@ Type</i>	<p><b>Type</b> VehicleIDTypeCode</p> <p><b>Use</b> required</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td>CommissionNumber</td> <td>self explanatory</td> </tr> <tr> <td>ProductionNumber</td> <td>self explanatory</td> </tr> </table>	CommissionNumber	self explanatory	ProductionNumber	self explanatory				
CommissionNumber	self explanatory								
ProductionNumber	self explanatory								

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Element/Attribute	Annotation
	<p><b>Applicable Codes</b></p> <p><b>ProjectNumber</b> self explanatory</p> <p><b>TrackingNumber</b> self explanatory</p> <p><b>VIN</b> Vehicle identification number according to ISO 3779</p>
<b>CharacteristicProperty</b>	<p><b>Occurrence</b> 0 .. unbounded</p> <p><b>Type</b> VehicleCharacteristicPropertyType</p> <p><b>Remark</b> To communicate specific properties of a product, material etc.</p>
<i>@ Qualifier</i>	<p><b>Type</b> VehiclePropertyQualifierCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> To qualify the property</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>
<b>Value</b>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> extension (xsd:string)</p> <p><b>Remark</b> Value of the property</p>
<b>Reference</b>	<p><b>Occurrence</b> 0 .. unbounded</p> <p><b>Type</b> SimpleReferenceType</p> <p><b>Length</b> 1 .. 70</p> <p><b>Remark</b> Transaction- or booking reference</p>
<i>@ Qualifier</i>	<p><b>Type</b> DocumentReferenceQualifierCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Qualifies the type of reference - see code list</p>
	<p><b>Applicable Codes</b></p> <p><b>BookingNumber</b> Reference number assigned to a booking e.g. in financial or inventory ledgers</p> <p><b>TransactionNumber</b> Unique number assigned to a transaction</p>
<b>Area</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Area identification: For level 2 zones, the following zone identification terms shall be used:</p> <ul style="list-style-type: none"> <li>- Production</li> <li>- Factory handover</li> <li>- Storage</li> <li>- Non-conform products</li> <li>- Pre-loading area</li> <li>- Workshop standby</li> <li>- Workshop</li> <li>- Workshop done</li> <li>- Customs import</li> <li>- Customs export</li> <li>- Shipment</li> </ul>

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Element/Attribute	Annotation								
	<p>- First place of rest (FPOR)                      - Transport                      For further details, see the process description: If necessary, index numbers or values can be added to differentiate several level 2 areas of the same function (e.g. Workshop 1, Workshop 2 or the like).</p> <p>Either this element under Vehicle is used, then vehicles can be transmitted without being sorted / grouped by location, or alternatively the element is used and vehicles are grouped by location area, or alternatively the element under Inventory is used to group all vehicles by location.</p>								
<b>ParentID</b>	<p><b>Name</b> Level 2 or 3 area ID  <b>Occurrence</b> 0 .. 1  <b>Type</b> string_1_35  <b>Length</b> 1 .. 35  <b>Remark</b> ID of the next higher level area, this area belongs to (only applicable to level 2 and 3).</p>								
<b>PositioningDate</b>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> DateType2  <b>Remark</b> Date/time, when the vehicles are or have been positioned in the identified compound area.</p>								
<i>@ Format</i>	<p><b>Type</b> DateTypeFormatCode  <b>Use</b> required  <b>Remark</b> Format of date / date + time , coded</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td>CCYYMMDD</td> <td>Date</td> </tr> <tr> <td>CCYYMMDDhhmm</td> <td>Date and time</td> </tr> <tr> <td>CCYYMMDDhhmmZZZ</td> <td>Date &amp; time with time zone</td> </tr> <tr> <td>CCYYMMDDhhmmZhmm</td> <td>Date &amp; time with time zone offset, e.g. 20190124153000+0100 =&gt; 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)</td> </tr> </table>	CCYYMMDD	Date	CCYYMMDDhhmm	Date and time	CCYYMMDDhhmmZZZ	Date & time with time zone	CCYYMMDDhhmmZhmm	Date & time with time zone offset, e.g. 20190124153000+0100 => 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)
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CCYYMMDDhhmm	Date and time								
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<b>ReadyDate</b>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> DateType2  <b>Remark</b> Ready for shipment date/time</p>								
<i>@ Format</i>	<p><b>Type</b> DateTypeFormatCode  <b>Use</b> required  <b>Remark</b> Format of date / date + time , coded</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr> <td>CCYYMMDD</td> <td>Date</td> </tr> <tr> <td>CCYYMMDDhhmm</td> <td>Date and time</td> </tr> <tr> <td>CCYYMMDDhhmmZZZ</td> <td>Date &amp; time with time zone</td> </tr> <tr> <td>CCYYMMDDhhmmZhmm</td> <td>Date &amp; time with time zone offset, e.g. 20190124153000+0100 =&gt; 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)</td> </tr> </table>	CCYYMMDD	Date	CCYYMMDDhhmm	Date and time	CCYYMMDDhhmmZZZ	Date & time with time zone	CCYYMMDDhhmmZhmm	Date & time with time zone offset, e.g. 20190124153000+0100 => 24.01. 2019 15:30:00 Berlin time zone (UTC +1 hour)
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**GUIDELINE**

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	+1 hour)
<b>OriginalShipFrom</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> PartyType_5</p> <p><b>Remark</b> The original ship-from (e.g. plant)</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Identifier</b>	<p><b>Occurrence</b> 0 .. unbounded</p> <p><b>Type</b> PartyIdentifierType</p> <p><b>Length</b> 1 .. 70</p> <p><b>Remark</b> Unique identifier of a party / business partner</p>
@Agency	<p><b>Type</b> IdentifierAssigningAgencyCode</p> <p><b>Use</b> required</p> <p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p>
	<b>Applicable Codes</b>
	<p><b>Buyer</b> Identifier assigned by the buyer (customer)</p> <p><b>DUNS</b> D.U.N.S. number, assigned by Dun and Bradstreet</p> <p><b>Odette Operator</b> Assigned by Odette</p> <p><b>Seller UN</b> Identifier assigned by the supplier UN/ECE</p>
<b>Address</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> AddressType_2</p> <p><b>Remark</b> Name and address information</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Name1</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Name - line 1</p>
<b>Name2</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Name - line 2</p>
<b>Street1</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Street - line 1</p>
<b>Street2</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p>
<b>PostalCode</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_10</p> <p><b>Length</b> 1 .. 10</p>

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Element/Attribute	Annotation
City	<b>Occurrence</b> 0 .. 1 <b>Type</b> string_1_35 <b>Length</b> 1 .. 35
CountryCode	<b>Occurrence</b> 0 .. 1 <b>Type</b> CountryCode <b>Remark</b> Country, coded according to ISO 3166-2
CountryName	<b>Occurrence</b> 0 .. 1 <b>Type</b> string_1_40 <b>Length</b> 1 .. 40 <b>Remark</b> Country name
ShipTo	<b>Occurrence</b> 0 .. 1 <b>Type</b> extension (PartyType_5) <b>Remark</b> Optional identifier, optional address <b>Remark</b> Ship-to for the next transport leg
xs:sequence	<b>Occurrence</b> 1 .. 1
Identifier	<b>Occurrence</b> 0 .. unbounded <b>Type</b> PartyIdentifierType <b>Length</b> 1 .. 70 <b>Remark</b> Unique identifier of a party / business partner
@ Agency	<b>Type</b> IdentifierAssigningAgencyCode <b>Use</b> required <b>Remark</b> Responsible agency or organisation assigning the identifier.
<b>Applicable Codes</b>	
Buyer	Identifier assigned by the buyer (customer)
DUNS	D.U.N.S. number, assigned by Dun and Bradstreet
Odette Operator	Assigned by Odette Assigned by the owner of the operation
Seller UN	Identifier assigned by the supplier UN/ECE
Address	<b>Occurrence</b> 0 .. 1 <b>Type</b> AddressType_2 <b>Remark</b> Name and address information
xs:sequence	<b>Occurrence</b> 1 .. 1
Name1	<b>Occurrence</b> 0 .. 1 <b>Type</b> string_1_35 <b>Length</b> 1 .. 35 <b>Remark</b> Name - line 1
Name2	<b>Occurrence</b> 0 .. 1 <b>Type</b> string_1_35 <b>Length</b> 1 .. 35 <b>Remark</b> Name - line 2

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**GUIDELINE**

Element/Attribute	Annotation
<b>Street1</b>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Street - line 1</p>
<b>Street2</b>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p>
<b>PostalCode</b>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> string_1_10</p> <p><b>Length</b> 1 .. 10</p>
<b>City</b>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p>
<b>CountryCode</b>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> CountryCode</p> <p><b>Remark</b> Country, coded according to ISO 3166-2</p>
<b>CountryName</b>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> string_1_40</p> <p><b>Length</b> 1 .. 40</p> <p><b>Remark</b> Country name</p>
<b>UnloadingPoint</b>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> LocationType</p> <p><b>Remark</b> To specify a specific location</p>
<i>@ Lat</i>	<p><b>Type</b> xs:decimal</p> <p><b>FractionDigits</b> 7</p> <p><b>Inclusive</b> -90 .. 90</p> <p><b>Remark</b> Latitude of the location, max 6 fraction digits</p>
<i>@ Lon</i>	<p><b>Type</b> xs:decimal</p> <p><b>FractionDigits</b> 7</p> <p><b>Inclusive</b> -180 .. 180</p> <p><b>Remark</b> Longitude of the location, max 6 fraction digits</p>
<b>xs:sequence</b>	<p><b>Occurence</b> 1 .. 1</p>
<b>LocationID</b>	<p><b>Occurence</b> 1 .. 1</p> <p><b>Type</b> IdentifierType</p> <p><b>Length</b> 1 .. 20</p> <p><b>Remark</b> A unique identifier for this location.</p>
<i>@ Agency</i>	<p><b>Type</b> IdentifierAssigningAgencyCode</p> <p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p>
<b>Applicable Codes</b>	
<b>Buyer</b>	Identifier assigned by the buyer (customer)
<b>DUNS</b>	D.U.N.S. number, assigned by Dun and Bradstreet
<b>Odette</b>	Assigned by Odette
<b>Operator</b>	Assigned by the owner of the

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Element/Attribute	Annotation
	<b>Applicable Codes</b>
	operation Identifier assigned by the supplier
<b>Address</b>	<b>Seller</b> Occurrence 0 .. 1 Type AddressType_2 Remark Name and address of the location
xs:sequence	Occurrence 1 .. 1
<b>Name1</b>	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35 Remark Name - line 1
<b>Name2</b>	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35 Remark Name - line 2
<b>Street1</b>	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35 Remark Street - line 1
<b>Street2</b>	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35
<b>PostalCode</b>	Occurrence 0 .. 1 Type string_1_10 Length 1 .. 10
<b>City</b>	Occurrence 0 .. 1 Type string_1_35 Length 1 .. 35
<b>CountryCode</b>	Occurrence 0 .. 1 Type CountryCode Remark Country, coded according to ISO 3166-2
<b>CountryName</b>	Occurrence 0 .. 1 Type string_1_40 Length 1 .. 40 Remark Country name
<b>UltimateCustomer</b>	Occurrence 0 .. 1 Type PartyType_5 Remark Ultimate destination - customer Party / importer / dealer
xs:sequence	Occurrence 1 .. 1
<b>Identifier</b>	Occurrence 0 .. unbounded Type PartyIdentifierType Length 1 .. 70 Remark Unique identifier of a party / business partner
<i>@ Agency</i>	Type IdentifierAssigningAgencyCode Use required

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



Print date: 27.09.2022

**GUIDELINE**

Element/Attribute	Annotation
	<p><b>Remark</b> Responsible agency or organisation assigning the identifier.</p> <p><b>Applicable Codes</b></p> <p><b>Buyer</b> Identifier assigned by the buyer (customer)</p> <p><b>DUNS</b> D.U.N.S. number, assigned by Dun and Bradstreet</p> <p><b>Odette Originator</b> Assigned by Odette Assigned by the originator of the message</p> <p><b>Seller</b> Identifier assigned by the supplier</p>
<b>Address</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> AddressType_2</p> <p><b>Remark</b> Name and address information</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>
<b>Name1</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Name - line 1</p>
<b>Name2</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Name - line 2</p>
<b>Street1</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p> <p><b>Remark</b> Street - line 1</p>
<b>Street2</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p>
<b>PostalCode</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_10</p> <p><b>Length</b> 1 .. 10</p>
<b>City</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_35</p> <p><b>Length</b> 1 .. 35</p>
<b>CountryCode</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> CountryCode</p> <p><b>Remark</b> Country, coded according to ISO 3166-2</p>
<b>CountryName</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> string_1_40</p> <p><b>Length</b> 1 .. 40</p> <p><b>Remark</b> Country name</p>
<b>FreeText</b>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> FreeTextType</p> <p><b>Remark</b> To transmit free text information or special instructions</p>

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



Print date: 27.09.2022

**GUIDELINE**

Element/Attribute	Annotation
<b>@ Qualifier</b>	related to the inventory
	<b>Type</b> FreeTextQualifierCode
	<b>Remark</b> To qualify the purpose/content of the text information
	<b>Applicable Codes</b>
<b>@ Language</b>	<b>General</b> General txt information
	<b>SpecialInstructions</b> Other special instructions related to the message
	<b>Type</b> xs:language
	<b>Pattern</b> ([a-zA-Z]{2} [il]-[a-zA-Z]+ [xX]-[a-zA-Z]{1,8})-[a-zA-Z]{1,8}* <b>WhiteSpace</b> collapse
	<b>Remark</b> Language according to 2-alpha code

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



Print date: 27.09.2022

**EXAMPLE(S)**

**EXAMPLE(S)**

## Vehicle inventory request

If, for any reason, the OEM needs the inventory of a certain compound or geo-fence zone, a request message is sent to the LSP. The LSP then sends back a response message containing the requested information.

After receiving the request for inventory, the LSP will create the response out of the compound management system to give a precise view of current stock inventory for this OEM.

```
<?xml version="1.0" encoding="UTF-8"?>
<Envelope Version="2022A" ControllingInstance="Odette">
  <Header>
    <ReceiverID>urn:autogratiion:de:firma:ort:001</ReceiverID>
    <SenderID>urn:autogratiion:de:firma:ort:001</SenderID>
    <MessageType>VehicleInventoryReport</MessageType>
    <InterchangeID>www.abc.com_201010151433</InterchangeID>
    <Timestamp>2010-10-15T14:33:55</Timestamp>
    <TestIndicator>>false</TestIndicator>
  </Header>
  <Body>
    <VehicleInventoryReport Version="1.1" ControllingInstance="Odette">
      <SubType>VehicleInventoryRequest</SubType>
      <Profile>OEM XYZ</Profile>
      <DocumentID>12345</DocumentID>
      <IssueDate Format="CCYYMMDD">20191130</IssueDate>
      <Header>
        <SenderID Agency="Buyer">CCC</SenderID>
        <ReceiverID Agency="Buyer">ECM</ReceiverID>
        <LogisticsSeviceProvider>
          <Identifier>ECM</Identifier>
          <Address>
            <Name1>European Compound</Name1>
            <Name2>Management SE</Name2>
            <CountryCode>NL</CountryCode>
          </Address>
          <Contact Qualifier="Information">
            <Name>Susann Mueller</Name>
            <Email>susann.mueller@ecm.com</Email>
          </Contact>
        </LogisticsSeviceProvider>
      </Header>
      <Line>
        <Inventory LevelID="1">
          <Area>FR PAR</Area>
          <Description>Paris compound</Description>
          <Model>
            <Name>VAN ABC</Name>
          </Model>
        </Inventory>
      </Line>
    </VehicleInventoryReport>
  </Body>
</Envelope>
```

**EXAMPLE(S)**

```
</Line>  
</VehicleInventoryReport>  
</Body>  
</Envelope>
```

**EXAMPLE(S)**

Vehicle inventory report (1)

```
<?xml version="1.0" encoding="UTF-8"?>
<Envelope Version="2020A" ControllingInstance="Odette">
  <Header>
    <ReceiverID>urn:autogratiion:de:firma:ort:001</ReceiverID>
    <SenderID>urn:autogratiion:de:firma:ort:001</SenderID>
    <MessageType>VehicleInventoryReport</MessageType>
    <InterchangeID>www.abc.com_201010151433</InterchangeID>
    <Timestamp>2010-10-15T14:33:55</Timestamp>
    <TestIndicator>>false</TestIndicator>
  </Header>
  <Body>
    <VehicleInventoryReport Version="1.0" ControllingInstance="Odette">
      <SubType>VehicleInventoryRequest</SubType>
      <Profile>OEM XYZ</Profile>
      <DocumentID>12345</DocumentID>
      <IssueDate Format="CCYYMMDD">20191130</IssueDate>
      <Header>
        <SenderID Agency="Buyer">CCC</SenderID>
        <ReceiverID Agency="Buyer">ECM</ReceiverID>
        <LogisticsSeviceProvider>
          <Identifier>ECM</Identifier>
          <Address>
            <Name1>European Compound</Name1>
            <Name2>Management SE</Name2>
            <CountryCode>NL</CountryCode>
          </Address>
          <Contact Qualifier="Information">
            <Name>Susann Mueller</Name>
            <Email>susann.mueller@ecm.com</Email>
          </Contact>
        </LogisticsSeviceProvider>
      </Header>
      <Line>
        <Inventory LevelID="1" Type="counted">
          <Area>FR PAR</Area>
          <Description>Paris compound</Description>
          <Model>
            <Name>C1A3ASE3S</Name>
          </Model>
          <Vehicle OrderStatus="X02">
            <VehicleID Type="VIN">VIN1BC123AA599934</VehicleID>
            <Reference Qualifier="TransactionNumber">4363</Reference>
            <Area>ZXNEDEY</Area>
            <ParentID>FR PAR</ParentID>
          </Vehicle>
          <Vehicle OrderStatus="X02">
            <VehicleID Type="VIN">VIN1BC123AA599935</VehicleID>
          </Vehicle>
        </Inventory>
      </Line>
    </VehicleInventoryReport>
  </Body>
</Envelope>
```

**EXAMPLE(S)**

```
<Reference Qualifier="TransactionNumber">4364</Reference>
<Area>ZXNEDEY</Area>
<ParentID>FR PAR</ParentID>
</Vehicle>
<Vehicle OrderStatus="X03">
<VehicleID Type="VIN">VIN1BC123AA601873</VehicleID>
<Reference Qualifier="TransactionNumber">4363</Reference>
<Area>ZR1C553</Area>
<ParentID>FR PAR</ParentID>
</Vehicle>
<Vehicle OrderStatus="X02">
<VehicleID Type="VIN">VIN1BC123AA511911</VehicleID>
<Reference Qualifier="TransactionNumber">3541</Reference>
<Area>9214099</Area>
<ParentID>FR PAR</ParentID>
</Vehicle>
</Inventory>
</Line>
</VehicleInventoryReport>
</Body>
</Envelope>
```

**EXAMPLE(S)**

Vehicle inventory report (2)

Another scenario for the use of the inventory report is to notify a transport service provider at regular intervals, which vehicles are ready for pick-up or shipment.



Figure 1: Sample visualisation of filtered inventory data

```
<?xml version="1.0" encoding="UTF-8"?>
<Envelope Version="2014A" ControllingInstance="Odette">
  <Header>
    <ReceiverID>urn:autogratiion:de:firma:ort:001</ReceiverID>
    <SenderID>urn:autogratiion:de:firma:ort:001</SenderID>
    <MessageType>VehicleInventoryReport</MessageType>
    <InterchangeID>www.abc.com_201010151433</InterchangeID>
    <Timestamp>2010-10-15T14:33:55</Timestamp>
    <TestIndicator>>false</TestIndicator>
  </Header>
  <Body>
    <VehicleInventoryReport Version="1.0" ControllingInstance="Odette">
      <SubType>VehicleInventoryRequest</SubType>
      <Profile>OEM XYZ</Profile>
      <DocumentID>12345</DocumentID>
      <IssueDate Format="CCYYMMDD">20191130</IssueDate>
      <Header>
        <SenderID Agency="Buyer">CCC</SenderID>
        <ReceiverID Agency="Buyer">ECM</ReceiverID>
        <LogisticsSeviceProvider>
          <Identifier>ECM</Identifier>
          <Address>
            <Name1>European Compound</Name1>
            <Name2>Management SE</Name2>
            <CountryCode>NL</CountryCode>
          </Address>
        </LogisticsSeviceProvider>
      </Header>
    </VehicleInventoryReport>
  </Body>
</Envelope>
```

**EXAMPLE(S)**

```

<Contact Qualifier="Information">
  <Name>Susann Mueller</Name>
  <Email>susann.mueller@ecm.com</Email>
</Contact>
</LogisticsSeviceProvider>
</Header>
<Line>
<Inventory LevelID="1">
  <Area>DE BRV</Area>
  <Description>ECM compound Bremerhaven</Description>
</Inventory>
<Inventory LevelID="2" Type="calculated">
  <Area>Shipment</Area>
  <Description>ready for shipment area</Description>
  <Model>
    <Name>AMAOK DC TREND</Name>
    <Manufacturer>
      <Name>VW</Name>
      <CountryCode>DE</CountryCode>
    </Manufacturer>
    <GrossWeight>2000</GrossWeight>
    <Length>5254</Length>
    <Width>1944</Width>
    <Hight>1834</Hight>
  </Model>
  <VehicleQuantity>4</VehicleQuantity>
  <Vehicle>
    <VehicleID Type="VIN">WV1ZZZ2HZKH025909</VehicleID>
    <Reference Qualifier="BookingNumber">N19094</Reference>
    <ReadyDate Format="CCYYMMDD">20201026</ReadyDate>
  </Vehicle>
  <Vehicle>
    <VehicleID Type="VIN">WV1ZZZ2HZKH026786</VehicleID>
    <Reference Qualifier="BookingNumber">N19094</Reference>
    <ReadyDate Format="CCYYMMDD">20201024</ReadyDate>
  </Vehicle>
  <Vehicle>
    <VehicleID Type="VIN">WV1ZZZ2HZKH026861</VehicleID>
    <Reference Qualifier="BookingNumber">N19094</Reference>
    <ReadyDate Format="CCYYMMDD">20201024</ReadyDate>
  </Vehicle>
  <Vehicle>
    <VehicleID Type="VIN">WV1ZZZ2HZKH07009</VehicleID>
    <Reference Qualifier="BookingNumber">N19094</Reference>
    <ReadyDate Format="CCYYMMDD">20201022</ReadyDate>
  </Vehicle>
  <ShipTo>
    <Identifier Agency="Operator">ECM OSLO</Identifier>
    <UnloadingPoint>

```

**EXAMPLE(S)**

```
<LocationID>NO OSL</LocationID>
</UnloadingPoint>
</ShipTo>
</Inventory>
</Line>
</VehicleInventoryReport>
</Body>
</Envelope>
```