

Finished vehicles - Vehicle Status Report

DOC REF No: FV09

VERSION No: V1R0

DATE:

May 2020

Finished vehicles - Vehicle Status Report

based on

IFTSTA

International multimodal status report message

UN D.18B S3

Version: V1R0
Issue date: May 2020
Author: ECG/Odette/VDA

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No = Consecutive segment number | MaxOcc = Maximum occurrence of the segment/group | St = Status

EDIFACT: M=Mandatory, C=Conditional | User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used



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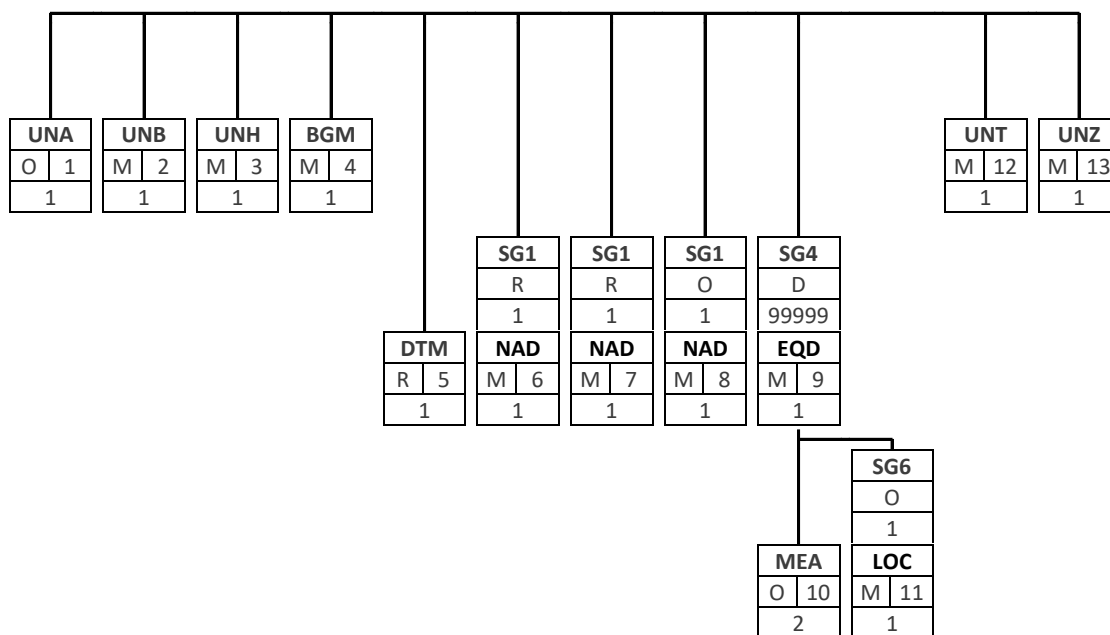
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BRANCHING DIAGRAM OF USED SEGMENTS AND SEGMENT GROUPS



Tag	
St	No
MaxOcc	

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

No = Consecutive segment number, MaxOcc = Maximum occurrence of the segment/group

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SEGMENT DETAILS

Segment:

UNA

Status:

O Max. Occ.: 1

Seq. No.:

1

Service string advice

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
UNA1	Component data element separator	M an1	M an1	Colon
UNA2	Data element separator	M an1	M an1	Plus sign
UNA3	Decimal notation	M an1	M an1	Full stop
UNA4	Release indicator	M an1	M an1	Question mark
UNA5	Reserved for future use	M an1	M an1	Blank
UNA6	Segment terminator	M an1	M an1	Apostrophe

Remark:

Example: UNA:+.? '

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SEGMENT DETAILS

Segment:

UNB

Status:

M Max. Occ.: 1

Seq. No.:

2

Interchange header

UN/EDIFACT			Implementation	
	Name	St	Format	Use / Remarks
S001	Syntax identifier	M	M	
0001	Syntax identifier	M	a4	UNOA UN/ECE level A UNOB UN/ECE level B UNOC UN/ECE level C UNOD UN/ECE level D
0002	Syntax version number	M	n1	2 Version 2 3 Version 3
S002	Interchange sender	M	M	
0004	Sender identification	M	an..35	Unique ID of the sender in the data transmission network.
0007	Partner identification code qualifier	C	an..4	
0008	Address for reverse routing	C	an..14	Address of an application or internal system at sender's site to which reply messages should be routed.
S003	Interchange recipient	M	M	
0010	Recipient identification	M	an..35	Unique ID of the receiver in the data transmission network.
0007	Partner identification code qualifier	C	an..4	
0014	Routing address	C	an..14	Address of an application or an internal system at receiver's side.
S004	Date/time of preparation	M	M	
0017	Date of preparation	M	n6	Format YYMMDD
0019	Time of preparation	M	n4	Format HHMM
0020	Interchange control reference	M	an..14	Unique ID of an interchange.
S005	Recipient's reference, password	C	N	not used
0022	Recipient's reference/password	M	an..14	not used
0025	Recipient's reference/password qualifier	C	an2	not used
0026	Application reference	C	an..14	not used
0029	Processing priority code	C	a1	not used
0031	Acknowledgement request	C	n1	not used
0032	Communications agreement ID	C	an..35	not used
0035	Test indicator	C	n1	1 Interchange is a test Only to be used for data interchange test purposes.

Remark: The structure of the EDIFACT interchange and the specification of the service segments for electronic data exchange used in the automotive industry are described in detail in the VDA Recommendation 4900.

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SEGMENT DETAILS

Segment:

UNB

Status:

M

Max. Occ.: 1

Seq. No.: 2

Interchange header

Example: UNB+UNOC:3+OD012345:59:123+987654321:1:LEFAS+200601:1446+144659+++++1'

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SEGMENT DETAILS

Segment:

UNH

Status:

M Max. Occ.: 1

Seq. No.:

3

Message header

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
0062	Message reference number	M an..14	M an..14	Message reference number (in the interchange)
S009	Message identifier	M	M	
0065	Message type	M an..6	M an..6	IFTSTA International multimodal status report message
0052	Message version number	M an..3	M an..3	D Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M an..3	18B Release 2018 - B
0051	Controlling agency	M an..2	M an..2	UN UN/CEFACT
0057	Association assigned code	C an..6	R an..6	Identification of the subset release, assigned by VDA. GBOG10 Odette Finished Vehicles Status Report V1.0
0068	Common access reference	C an..35	N	not used
S010	Status of the transfer	C	N	not used
0070	Sequence of transfers	M n..2	N	not used
0073	First and last transfer	C a1	N	not used

Remark:

Example: UNH+12345+IFTSTA:D:18B:UN:GBOG10'

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SEGMENT DETAILS

Segment:

BGM

Status:

M Max. Occ.: 1

Seq. No.:

4

Beginning of message

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
C002	Document/message name	C	R	
1001	Document name code	C an..3	R an..3	X38 Finished Vehicles - Vehicle Status Report
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	R an..3	Code specifying the agency responsible for a code list. 10 ODETTE
1000	Document name	C an..35	O an..35	Process indicator Can be used to specify a company-specific profile of this application description.
C106	Document/message identification	C	R	
1004	Document identifier	C an..70	R an..70	
1056	Version identifier	C an..9	N	not used
1060	Revision identifier	C an..6	N	not used
1225	Message function code	C an..3	R an..3	9 Original
4343	Response type code	C an..3	N	not used
1373	Document status code	C an..3	N	not used
3453	Language name code	C an..3	N	not used

Remark:

Example: BGM+X38::10:X+X+9'

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SEGMENT DETAILS

Segment:

DTM

Status:

R Max. Occ.: 1

Seq. No.:

5

Message date/time

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	137 Document issue date time
2380	Date or time or period text	C an..35	R an..17	an..17 Date/time of creation of message
2379	Date or time or period format code	C an..3	R an..3	When the format qualifier 205 is used, the time is displayed according to UTC (Universal Time Coordinated) with the time deviation (+ or -) in hours and minutes. 201901011000+0000: 1 January 2019 10:00 UTC 201901011000+0100: 1 January 2019 10:00 UTC + 1 hour. This corresponds to the Central European Time. 201901011000-0600: 1 January 2019 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM

Remark:

Example: DTM+137:20200601:102'

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SEGMENT DETAILS

Group: **SG1** Status: R Max. Occ.: 1
Message sender

Segment: **NAD** Status: M Max. Occ.: 1 Seq. No.: 6
Message sender - ID

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
3035	Party function code qualifier	M an..3	M an..3	MS Document/message issuer/sender
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	Unique identification of a party by an ID. an..35
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	R an..3	10 ODETTE 16 US, D&B (Dun & Bradstreet Corporation) 91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.
C058	Name and address	C	N	not used
3124	Name and address description	M an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
C080	Party name	C	N	not used
3036	Party name	M an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3045	Party name format code	C an..3	N	not used
C059	Street	C	N	not used
3042	Street and number or post office box identifier	M an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used

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SEGMENT DETAILS

Group: **SG1** Status: R Max. Occ.: 1
Message sender

Segment: **NAD** Status: M Max. Occ.: 1 Seq. No.: 6
Message sender - ID

UN/EDIFACT				Implementation		
	Name	St	Format	St	Format	Use / Remarks
3164	City name	C	an..35	N		not used
C819	Country subdivision details	C		N		not used
3229	Country subdivision identifier	C	an..9	N		not used
1131	Code list identification code	C	an..17	N		not used
3055	Code list responsible agency code	C	an..3	N		not used
3228	Country subdivision name	C	an..70	N		not used
3251	Postal identification code	C	an..17	N		not used
3207	Country identifier	C	an..3	N		not used

Remark:

Example: NAD+MS+Identifier::10'

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SEGMENT DETAILS

Group: **SG1** Status: R Max. Occ.: 1
Message recipient

Segment: **NAD** Status: M Max. Occ.: 1 Seq. No.: 7
Message recipient - ID

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
3035	Party function code qualifier	M an..3	M an..3	MR Message recipient
C082	Party identification details	C	O	
3039	Party identifier	M an..35	M an..35	Unique identification of a party by an ID. an..35
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	R an..3	10 ODETTE 16 US, D&B (Dun & Bradstreet Corporation) 91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.
C058	Name and address	C	N	not used
3124	Name and address description	M an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
C080	Party name	C	N	not used
3036	Party name	M an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3045	Party name format code	C an..3	N	not used
C059	Street	C	N	not used
3042	Street and number or post office box identifier	M an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used

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SEGMENT DETAILS

Group: **SG1** Status: R Max. Occ.: 1
Message recipient

Segment: **NAD** Status: M Max. Occ.: 1 Seq. No.: 7
Message recipient - ID

UN/EDIFACT				Implementation		
	Name	St	Format	St	Format	Use / Remarks
3164	City name	C	an..35	N		not used
C819	Country subdivision details	C		N		not used
3229	Country subdivision identifier	C	an..9	N		not used
1131	Code list identification code	C	an..17	N		not used
3055	Code list responsible agency code	C	an..3	N		not used
3228	Country subdivision name	C	an..70	N		not used
3251	Postal identification code	C	an..17	N		not used
3207	Country identifier	C	an..3	N		not used

Remark:

Example: NAD+MR+Identifier::10'

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SEGMENT DETAILS

Group: **SG1** Status: O Max. Occ.: 1
Compound

Segment: **NAD** Status: M Max. Occ.: 1 Seq. No.: 8
Name / Id of the compound

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
3035	Party function code qualifier	M an..3	M an..3	TR Terminal operator
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	Compound ID
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	N	not used
C058	Name and address	C	N	not used
3124	Name and address description	M an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
3124	Name and address description	C an..35	N	not used
C080	Party name	C	R	
3036	Party name	M an..70	M an..35	Compound name an..35
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3036	Party name	C an..70	N	not used
3045	Party name format code	C an..3	N	not used
C059	Street	C	N	not used
3042	Street and number or post office box identifier	M an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used
3042	Street and number or post office box identifier	C an..256	N	not used
3164	City name	C an..35	N	not used
C819	Country subdivision details	C	N	not used

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SEGMENT DETAILS

Group: **SG1** Status: O Max. Occ.: 1
Compound

Segment: **NAD** Status: M Max. Occ.: 1 Seq. No.: 8
Name / Id of the compound

UN/EDIFACT				Implementation		
	Name	St	Format	St	Format	Use / Remarks
3229	Country subdivision identifier	C	an..9	N		not used
1131	Code list identification code	C	an..17	N		not used
3055	Code list responsible agency code	C	an..3	N		not used
3228	Country subdivision name	C	an..70	N		not used
3251	Postal identification code	C	an..17	N		not used
3207	Country identifier	C	an..3	N		not used

Remark:

Example: NAD+TR+COMPOUND X++ECA, PORT ROTTERDAM'

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SEGMENT DETAILS

Group: **SG4** Status: D Max. Occ.: 99999

Vehicle status information

At least one SG4 must be sent.

Segment: **EQD** Status: M Max. Occ.: 1 Seq. No.: 9

Vehicle identification

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
8053	Equipment type code qualifier	M an..3	M an..3	VV Vehicle identity number V01 Production number of a vehicle V02 Commission number of a vehicle V17 Project number to identify a vehicle V18 Vehicle tracking number
C237	Equipment identification	C	R	
8260	Equipment identifier	C an..17	R an..17	Vehicle identification Usually the vehicle identification number (VIN) or another identification number if the VIN is not known.
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	N	not used
3207	Country identifier	C an..3	N	not used
C224	Equipment size and type	C	N	not used
8155	Equipment size and type description code	C an..10	N	not used
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	N	not used
8154	Equipment size and type description	C an..35	N	not used
8077	Equipment supplier code	C an..3	N	not used
8249	Equipment status code	C an..3	O an..3	This element can be used to confirm a requested action: e.g. the compound manager has asked to unlock a vehicle and in response, the OEM sends an "unlocked" code in this element to indicate that the request has been actioned. Either the MEA segment with a measurement or this DE must be transmitted. 01 Located 02 Locked during transport 03 Locked during storage 04 Unlocked during transport 05 Unlocked during storage
8169	Full or empty indicator code	C an..3	N	not used

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SEGMENT DETAILS

Group: **SG4** Status: D Max. Occ.: 99999

Vehicle status information

Segment: **EQD** Status: M Max. Occ.: 1 Seq. No.: 9

Vehicle identification

UN/EDIFACT				Implementation		
	Name	St	Format	St	Format	Use / Remarks
4233	Marking instructions code	C	an..3	N		not used

Remark:

Example: EQD+VV+12345678901234567+++01'

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Group: **SG4** Status: D Max. Occ.: 99999

Vehicle status information

Segment: **MEA** Status: O Max. Occ.: 2 Seq. No.: 10

Measurements

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
6311	Measurement purpose code qualifier	M an..3	M an..3	AAE	Measurement
C502	Measurement details	C	R		
6313	Measured attribute code	C an..3	R an..3	X01 X02	High voltage battery charge level Low voltage battery charge level
6321	Measurement significance code	C an..3	N	not used	
6155	Non-discrete measurement name code	C an..17	N	not used	
6154	Non-discrete measurement name	C an..70	N	not used	
C174	Value/range	C	R		
6411	Measurement unit code	C an..8	R an..8	P1	percent
6314	Measure	C an..18	R an..18	Measured value	
6162	Range minimum quantity	C n..18	N	not used	
6152	Range maximum quantity	C n..18	N	not used	
6432	Significant digits quantity	C n..2	N	not used	
7383	Surface or layer code	C an..3	N	not used	

Remark: Either the MEA segment with a measurement or the DE 8249 in EQD segment must be transmitted.

Example: MEA+AAE+X01+P1:9'

No = Consecutive segment number | MaxOcc = Maximum occurrence of the segment/group | St = Status

EDIFACT: M=Mandatory, C=Conditional | User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used



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Finished vehicles - Vehicle Status Report

DOC REF No: FV09

VERSION No: V1R0

DATE:

May 2020

SEGMENT DETAILS

Group: **SG4** Status: D Max. Occ.: 99999
Vehicle status information

Group: **SG6** Status: O Max. Occ.: 1
Location / area within compound

Segment: **LOC** Status: M Max. Occ.: 1 Seq. No.: 11
Location / area within compound

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
3227	Location function code qualifier	M an..3	M an..3	300 Location of status
C517	Location identification	C	O	
3225	Location identifier	C an..35	R an..17	Compound area, coded as defined in the compound geo-fence data. an..17
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	R an..3	Code specifying the agency responsible for a code list. Has to be provided if 3225 is used. 6 UN/ECE (United Nations - Economic Commission for Europe) 88 Assigned by owner of operation 91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent
3224	Location name	C an..256	N	not used
C519	Related location one identification	C	R	
3223	First related location identifier	C an..35	R an..35	Geo coordinates - latitude/longitude Geo coordinates in decimal degrees: latitude, longitude For latitude: + for the northern hemisphere, - for the southern hemisphere. For longitude: + to the east of the zero meridian, - to the west of the zero meridian.
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency code	C an..3	N	not used
3222	First related location name	C an..70	N	not used
C553	Related location two identification	C	N	not used
3233	Second related location identifier	C an..35	N	not used
1131	Code list identification code	C an..17	N	not used
3055	Code list responsible agency	C an..3	N	not used

No = Consecutive segment number | MaxOcc = Maximum occurrence of the segment/group | St = Status

EDIFACT: M=Mandatory, C=Conditional | User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used



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Finished vehicles - Vehicle Status Report

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SEGMENT DETAILS

Group: **SG4** Status: D Max. Occ.: 99999

Vehicle status information

Group: **SG6** Status: O Max. Occ.: 1

Location / area within compound

Segment: **LOC** Status: M Max. Occ.: 1 Seq. No.: 11

Location / area within compound

UN/EDIFACT			Implementation	
	Name	St	Format	Use / Remarks
	code			
3232	Second related location name	C	an..70	N not used
5479	Relation code	C	an..3	N not used

Remark: If the message is used to indicate a new status of the vehicle due to movement within the compound (e.g. old status was FPOR, new status is now service area), this segment is used to transmit status and new position within the compound (see also process description chapter 8).

Example: LOC+300+WORKSHOP::92+52.4495143,10.7764471'

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Finished vehicles - Vehicle Status Report

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VERSION No: V1R0

DATE:

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SEGMENT DETAILS

Segment:

UNT

Status:

M Max. Occ.: 1

Seq. No.:

12

Message trailer

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
0074	Number of segments in the message	M n..6	M n..6	
0062	Message reference number	M an..14	M an..14	

Remark:

Example: UNT+10+12345'

No = Consecutive segment number | MaxOcc = Maximum occurrence of the segment/group | St = Status

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DATE:

May 2020

SEGMENT DETAILS

Segment:

UNZ

Status:

M

Max. Occ.: 1

Seq. No.:

13

Interchange trailer

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
0036	Interchange control count	M n..6	M n..6	
0020	Interchange control reference	M an..14	M an..14	

Remark:

Example: UNZ+1+144659'

No = Consecutive segment number | MaxOcc = Maximum occurrence of the segment/group | St = Status

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EXAMPLE MESSAGE(S)**FV12 Vehicle status report - finished vehicles IFTSTA**

	UNH+12345+IFTSTA:D:18B:UN:GBOG10'	Message header
	BGM+X38::10:OEM XYZ+1234567+9'	Beginning of message
	DTM+137:20200521:102'	Message date: 2020-05-21
	Segment group	
	NAD+MS+TSP128::10'	Message sender
	Segment group	
	NAD+MR+7654321::92'	Message recipient
	Segment group	
	NAD+TR+COMPOUND X++ECA, PORT ROTTERDAM'	Compound X, ECA Port Rotterdam
	Segment group	
	EQD+VV+12345678901234567+++03'	Vehicle identification: 12345678901234567 03 - Locked during storage
	UNT+8+12345'	Message trailer