

**VOLVO**

Volvo Car Corporation

**Application Of Odette / EDIFACT**

**DELFOR**

9805 (2007-04-11)

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## ***1. General***

This document describes Volvo's application of the Odette subset of EDIFACT message DELINS/DELFOR.

The specification offers a detailed description of those data elements that will be used.

The basis of this application is the Odette subset of EDIFACT message entitled DELINS/DELFOR V4R0, issued by the secretariat in September 1996.

The frequency and scope of the delivery schedules are specific for each company within Volvo.

## ***2. Description of how DELFOR are used at different units at Volvo Car***

<b>ID</b>	<b>Code:</b>	<b>When to deliver:</b>
BP2TC	4 & 1	Forecast at 4 and deliver at 1
BP2TD	4	When the day is reached
BP2TE	9	When the day is reached
BP2TG	4 & 1	Forecast at 4 and deliver at 1
BP2TH	4	When the day is reached
BP2TU	4	When the day is reached
BP2TW	3 4 & 1	When the day is reached Forecast at 4 and deliver at 1
BSB5A	4 & 3	Forecast at 4 and deliver at 3
BS8CA	4	When the day is reached
BS8CB	4 & 1	Forecast at 4 and deliver at 1
BSNRA	9	When the day is reached
C7CUL	4 & 1	Forecast at 4 and deliver at 1
S7VVA	4	When the day is reached

### 3. Examples of application

A delivery schedule for supplier 12345 for delivery of item/article 1234567 to Volvo Cars 1127 Uddevalla.

UNH+1144295+DELFOR:D:96A:UN:A09040'	Message header
BGM+241+200103010118'	241 = Delivery schedule
DTM+137:20010301:102'	137 = Document/message date/time
DTM+157:20010301:102'	157 = Validity start date
NAD+BY+ESWVC4::91'	BY = Buyer assigned by seller
NAD+SE+1ABCD::92'	SE = Seller assigned by buyer
UNS+D'	Header/detailed section separation
NAD+CN+BP2TH::92++VOLVO CARS'	CN = Consignee assigned by buyer and Name
LIN++3+1234567:IN'	3 = Changed. IN Buyer's item/article number
PIA+1+P04:DR	1 = Additional identification DR = Drawing revision number
LOC+11+VTV'	11 = Place/port of discharge
LOC+159+VTV'	159 = Additional internal destination
DTM+257:20010301:102'	257 = Calculation date
DTM+51:20010101:102'	51 = Cumulative quantity strt date
RFF+ON:123412345445'	ON = Order number
RFF+AIF:200102220119'	AIF = Previous delivery instruction number
QTY+70:210'	70 = Cumulative quantity received
QTY+12:30'	12 = Despatch quantity
QTY+48:30'	48 = Received quantity
RFF+AAK:110197'	AAK = Despatch advice number
DTM+171:20010220:102'	171 = Reference date/time
QTY+12:30'	12 = Despatch quantity
QTY+48:30'	48 = Received quantity
RFF+AAK:108375'	AAK = Despatch advice number
DTM+171:20010213:102'	171 = Reference date/time
QTY+12:30'	12 = Despatch quantity
QTY+48:30'	48 = Received quantity
RFF+AAK:108089'	AAK = Despatch advice number
DTM+171:20010212:102'	171 = Reference date/time
QTY+83:60'	83 = Backorder quantity
QTY+113:30'	113 = Quantity to be delivered
SCC+4'	4 = Planning/forecast
DTM+2:200103060000:203'	2 = Delivery date/time, requested
QTY+113:30'	113 = Quantity to be delivered
SCC+4'	4 = Planning/forecast
DTM+2:200103120000:203'	2 = Delivery date/time, requested
QTY+113:30'	113 = Quantity to be delivered
SCC+4'	4 = Planning/forecast
DTM+2:200103150000:203'	2 = Delivery date/time, requested
QTY+113:30'	113 = Quantity to be delivered
SCC+4'	4 = Planning/forecast
DTM+2:200103270000:203'	2 = Delivery date/time, requested
---	
---	
---	
---	
UNS+S'	Detail/summary section separation
UNT+106+1144295'	Message Trailer

#### ***4. Detailed application***

The following section includes only those segments and data elements, which are included in Volvo's DELINS file.

##### **Segments**

Under each segment heading, we are giving instructions of when we use it.

Some segments will only be present after special agreement.

##### **Data elements and component element**

Under each element heading we specify the valid conditions.

## 5. DELFOR Delivery Schedule Message

# DELFOR Delivery Schedule Message

### Introduction:

A message from buyer to supplier giving product requirements regarding details for short term delivery instructions and/or medium to long term product/service forecast for planning purposes according to conditions set out in a contract or order. The message can be used to authorize the commitment of labour and materials resources.

### Heading Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
9	0010	UNH	Message Header	M	M	1		
10	0020	BGM	Beginning of Message	M	M	1		
11	0030	DTM	Date/Time/Period	M	M	3		
	0070		Segment Group 2: NAD	C	R		2	
13	0080	NAD	Name and Address	M	M	1		

### Section Control:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
14	0130	UNS	Section Control	M	M	1		

### Detail Section:

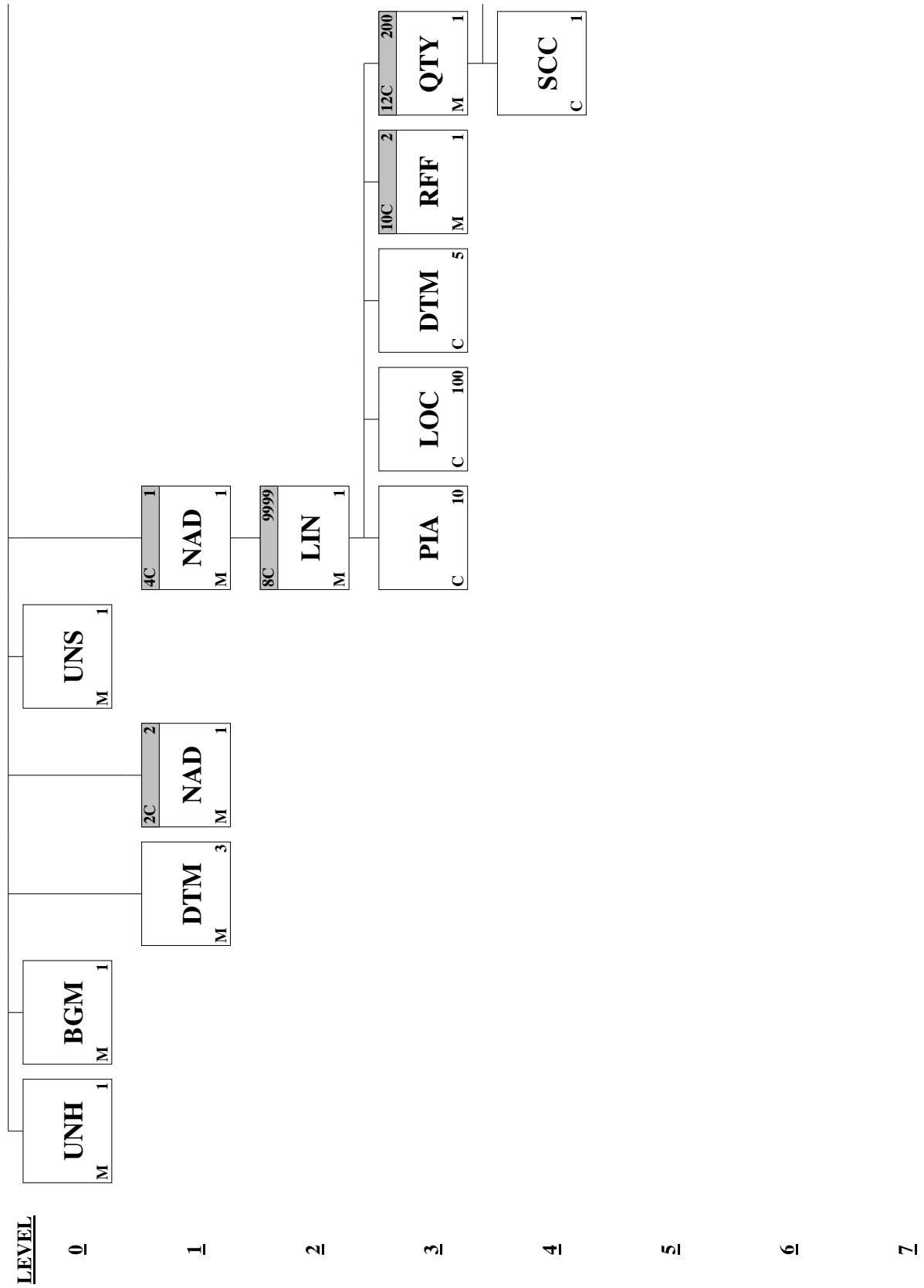
<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0140		Segment Group 4: NAD-SG8	C	R		1	
16	0150	NAD	Name and Address	M	M	1		
	0270		Segment Group 8: LIN-PIA-LOC-DTM-SG10-SG12	C	R		9999	
18	0280	LIN	Line Item	M	M	1		
19	0290	PIA	Additional Product Id	C	D	10		
20	0350	LOC	Place/Location Identification	C	R	100		
21	0360	DTM	Date/Time/Period	C	R	5		
	0410		Segment Group 10: RFF	C	R		2	
23	0420	RFF	Reference	M	M	1		
	0470		Segment Group 12: QTY-SCC-DTM-SG13	C	R		200	
25	0480	QTY	Quantity	M	M	1		
26	0490	SCC	Scheduling Conditions	C		1		
27	0500	DTM	Date/Time/Period	C		2		
	0510		Segment Group 13: RFF-DTM	C	D		10	
29	0520	RFF	Reference	M	M	1		
30	0530	DTM	Date/Time/Period	C	D	1		

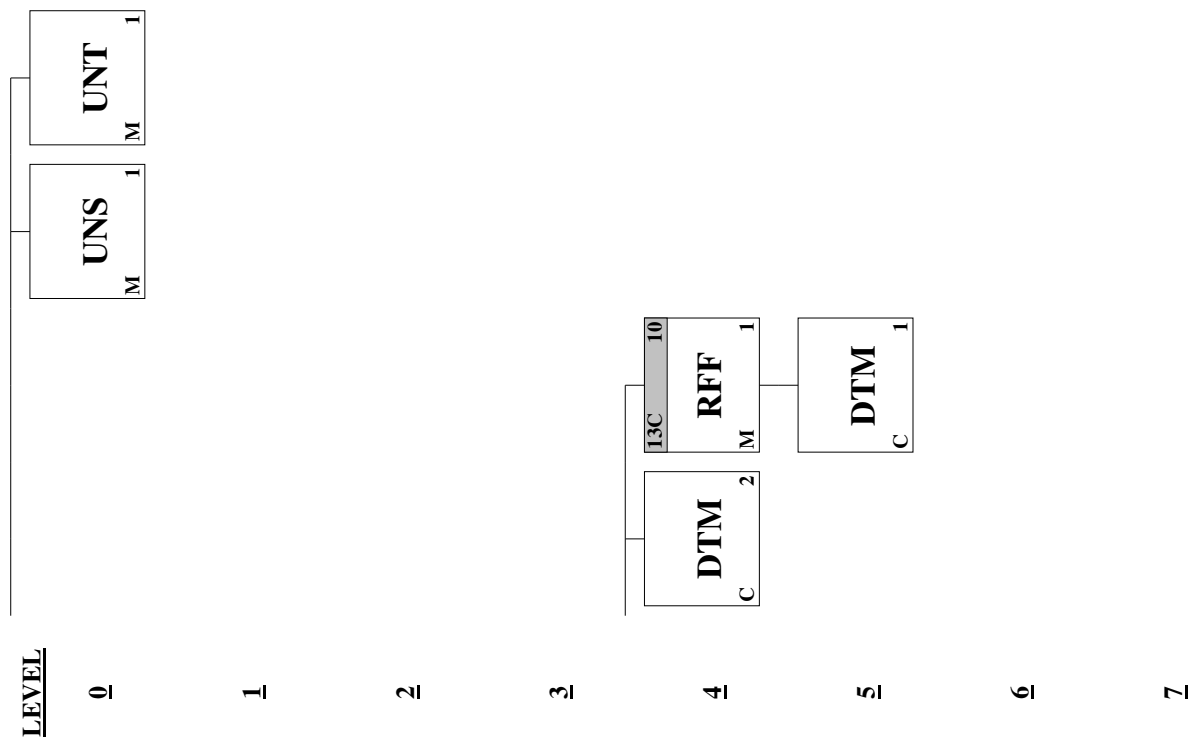
### Section Control:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
31	1220	UNS	Section Control	M	M	1		

Summary Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
32	1250	UNT	Message Trailer	M	M	1		





**Segment:** **UNH** Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR.  
 Note: Delivery schedule messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 DELFOR 0052 D 0054 96A 0051  
 UN

**Comments:**

**Notes:** Example: UNH+1144295+DELFOR:D:96A:UN:A09040'

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	<b>M an..14</b>	<b>M</b>
S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	<b>M</b>	<b>M</b>
	0065	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. DELFOR Delivery schedule message	<b>M an..6</b>	<b>M</b>
	0052	<b>Message type version number</b> Version number of a message type. D Draft	<b>M an..3</b>	<b>M</b>
	0054	<b>Message type release number</b> Release number within the current message type version number (0052). 96A	<b>M an..3</b>	<b>M</b>
	0051	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	<b>M an..2</b>	<b>M</b>
	0057	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. A09040	<b>C an..6</b>	<b>R</b>

**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for the unique identification of the delivery schedule document, by means of its name and its number.

**Comments:**

**Notes:** Example: BGM+241+200103010118'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b> Identification of a type of document/message by code or name. Code preferred.	<b>C</b>	<b>R</b>
	<b>1001</b>	<b>Document/message name, coded</b> Document/message identifier expressed in code. 241 Delivery schedule	<b>C an..3</b>	<b>R</b>
<b>1004</b>		<b>DOCUMENT/MESSAGE NUMBER</b> Reference number assigned to the document/message by the issuer.	<b>C an..35</b>	<b>R an..17</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 3  
**Purpose:** A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the Delivery Schedule document date.  
 The date/time/period segment within other Segment group should be used whenever the date/time/period is logically related to another specified data item.

**Comments:**

**Notes:** Example: DTM+137:20010301:102'  
 DTM+157:20010305:102'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	M	M
	2005	<b>Date/time/period qualifier</b> Code giving specific meaning to a date, time or period.	M an..3	M
		137 Document/message date/time		
		157 Validity start date		
	2380	<b>Date/time/period</b> The value of a date, a date and time, a time or of a period in a specified representation.	C an..35	an..12
	2379	<b>Date/time/period format qualifier</b> Specification of the representation of a date, a date and time or of a period.	C an..3	
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		

**Group:** **NAD** Segment Group 2: Name and Address  
**Position:** 0070  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 2  
**Purpose:** A group of segments identifying names, addresses, locations, and contacts relevant to the whole Delivery Schedule.

### Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>
	<b><u>Repeat</u></b>				
M	0080	NAD	Name and Address	M	1

**Segment:** **NAD** Name and Address  
**Position:** 0080 (Trigger Segment)  
**Group:** Segment Group 2 (Name and Address) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying names and addresses and their functions relevant for the whole Delivery Schedule. Identification of the seller and buyer parties is recommended for the Delivery Schedule message. Exception: the identification of the recipient of the goods must be given in the NAD segment in the detail section when required.  
 It is recommended that where possible only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

**Comments:**

**Notes:** Example: NAD+BY+ESWVC4::91'  
 NAD+SE+1ABCD::92'

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b>	M an..3	M
		Code giving specific meaning to a party.		
	BY	Buyer		
		The customer number assigned by the supplier. Inoperative with code 91 in 3055		
C082		<b>PARTY IDENTIFICATION DETAILS</b>	C	R
		Identification of a transaction party by code.		
	3039	<b>Party id. identification</b>	M an..35	M an..20
		Code identifying a party involved in a transaction.		
3055		<b>Code list responsible agency, coded</b>	C an..3	
		Code identifying the agency responsible for a code list.		
	91	Assigned by seller or seller's agent		
	92	Assigned by buyer or buyer's agent		

**Segment:** **UNS** Section Control  
**Position:** 0130  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment placed at the start of the detail section to avoid segment collision. The detail section consists of two main Segment groups: Segment group 4 and Segment group 18. The use of one of the Segment groups assumes that the other group will not be used. There are two methods of conveying Product Delivery forecast information. First method is by delivery point (Segment groups 4-17), the second is product driven (Segment group 18-31).

**Comments:**

**Notes:** Example: UNS+D'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0081		<b>SECTION IDENTIFIER</b>	<b>M a1</b>	<b>M</b>
		A character identifying the next section in a message.		
		D Header/detail section separation		

**Group:** **NAD** Segment Group 4: Name and Address  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group containing delivery names and addresses, related information and details of line items to be consigned to the delivery points.

### Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0150	NAD	Name and Address	M	1
	0270		Segment Group 8: Line Item	C	9999

**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** Segment Group 4 (Name and Address) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying names and addresses and their functions relevant to the delivery point.  
 All other segments in this segment group 4 following the NAD segment refer to that delivery point.

**Comments:**

**Notes:** Example: NAD+CN+S7VVA::92++VOLVO CARS'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party. CN Consignee	M an..3	M
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	R
	3039	<b>Party id. identification</b> Code identifying a party involved in a transaction. BP2TC Knock Down Operation, Maastricht BP2TD Body Plant, Torslanda BP2TE Chassis Centre, Torslanda BP2TF Special Vehicles, Torslanda BP2TG Engine Centre, Torslanda BP2TH Assembly Plant, Torslanda BP2TU Pilot Plant, Torslanda BP2TW Customer Service, Torslanda BS8CA Assembly Plant, Gent BS8CB Engine Center, Gent BSB5A Engine, Floby BSNRA Body Components, Olofström C7CUL Engine Plant, Skövde S7VVA Assembly Plant, Uddevalla	M an..35	M an5
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	C an..3	R
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	
	3036	<b>Party name</b> Name of a party involved in a transaction. Consignee, text en clair, shall be printed on the transport label in the field "Receiver"	M an..35	M

**Group:** **LIN** Segment Group 8: Line Item  
**Position:** 0270  
**Group:** Segment Group 4 (Name and Address) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 9999  
**Purpose:** A group of segments providing details of the individual line items for the specified delivery point.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0280	LIN	Line Item	M	1
D	0290	PIA	Additional Product Id	C	10
R	0350	LOC	Place/Location Identification	C	100
R	0360	DTM	Date/Time/Period	C	5
	0410		Segment Group 10: Reference	C	2
	0470		Segment Group 12: Quantity	C	200

**Segment:** **LIN** Line Item  
**Position:** 0280 (Trigger Segment)  
**Group:** Segment Group 8 (Line Item)      Conditional (Required)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.

**Comments:**  
**Notes:** Example: LIN++3+1234567:IN'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1229		<b>ACTION REQUEST/NOTIFICATION, CODED</b> Code specifying the action to be taken or already taken. 3                      Changed	C an..3	R
			Replace the whole plan from validity start date.	
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C	R
	7140	<b>Item number</b> A number allocated to a group or item.	C an..35	R
	7143	<b>Item number type, coded</b> Identification of the type of item number. IN                      Buyer's item number	C an..3	

**Segment:** **PIA** Additional Product Id  
**Position:** 0290  
**Group:** Segment Group 8 (Line Item)      Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Dependent)  
**Max Use:** 10  
**Purpose:** A segment providing additional product identification.  
**Comments:**  
**Notes:** Used after special agreement.  
 PIA+1+P04:DR'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4347		<b>PRODUCT ID. FUNCTION QUALIFIER</b> Indication of the function of the product code. 1 Additional identification	M an..3	M
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	M	M
	7140	<b>Item number</b> A number allocated to a group or item. To specify the technical status of drawing documentation.	C an..35	R an..14
	7143	<b>Item number type, coded</b> Identification of the type of item number. DR Drawing revision number	C an..3	R

**Segment:** **LOC** Place/Location Identification  
**Position:** 0350  
**Group:** Segment Group 8 (Line Item) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 100  
**Purpose:** A segment identifying a specific location to which products, as specified in the LIN-Segment group, should be delivered.

**Comments:**

**Notes:** Example: LOC+11+445'  
 LOC+159+445 M1'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location.	M an..3	M
		11 Place/port of discharge Volvo Car's identity on the place of discharge; delivery address. Not to be stated on the transport label. Note (an..8) used in LOC 3225.		
		159 Additional internal destination Final unloading point. To be printed on the transport label in the field "Dock and Gate". This field can differ from one plan to another. Note (an..12) used in LOC 3225.		
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C	R
	3225	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name.	C an..25	R an..12

**Segment:** **DTM** Date/Time/Period  
**Position:** 0360  
**Group:** Segment Group 8 (Line Item)      Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 5  
**Purpose:** Date/time/period associated with the line item.  
**Comments:**  
**Notes:**

Example: DTM+257:20010305:102'  
 DTM+51:20010101:102'

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	M	M
	2005	<b>Date/time/period qualifier</b> Code giving specific meaning to a date, time or period.	M an..3	M
		51                      Cumulative quantity start date		
		257                     Calculation date		
	2380	<b>Date/time/period</b> The value of a date, a date and time, a time or of a period in a specified representation.	C an..35	an..12
	2379	<b>Date/time/period format qualifier</b> Specification of the representation of a date, a date and time or of a period.	C an..3	
		102                     CCYYMMDD		
		203                     CCYYMMDDHHMM		

**Group:** **RFF** Segment Group 10: Reference  
**Position:** 0410  
**Group:** Segment Group 8 (Line Item) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 2  
**Purpose:** A group of segments giving references related to the line item and where necessary, their dates.

### Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>
	<b><u>Repeat</u></b>				
M	0420	RFF	Reference	M	1

**Segment:** **RFF** Reference  
**Position:** 0420 (Trigger Segment)  
**Group:** Segment Group 10 (Reference)      Conditional (Required)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.

**Comments:**

**Notes:** Example: RFF+ON:123412345445'  
 RFF+AIF:200102220119'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	1153	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number.	<b>M an..3</b>	<b>M</b>
		AIF      Previous delivery instruction number Not present in the first delivery schedule.		
		ON      Order number (purchase)		
1154	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>	<b>R</b>	

**Group:** **QTY** Segment Group 12: Quantity  
**Position:** 0470  
**Group:** Segment Group 8 (Line Item) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 200  
**Purpose:** A group of segments specifying quantity related information for actual delivery, reporting or cumulative quantities and forecast quantities as required for the line item.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0480	QTY	Quantity	M	1
	0490	SCC	Scheduling Conditions	C	1
	0500	DTM	Date/Time/Period	C	2
	0510		Segment Group 13: Reference	C	10

**Segment:** **QTY** Quantity  
**Position:** 0480 (Trigger Segment)  
**Group:** Segment Group 12 (Quantity)      Conditional (Required)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify pertinent quantities which may be relating to schedule(s) and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date.

**Comments:**

**Notes:** Example: QTY+70:210'  
 QTY+12:30'  
 QTY+48:30'  
 QTY+83:60'  
 QTY+113:30'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		<b>QUANTITY DETAILS</b>	<b>M</b>	<b>M</b>
		Quantity information in a transaction, qualified when relevant.		
	6063	<b>Quantity qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a quantity.		
		12      Despatch quantity		
		Present if despatch is received		
		48      Received quantity		
		This qualifier will be omitted, if no despatch is received.		
		Will follow by RFF qual. AAK and DTM qual. 171		
		70      Cumulative quantity received		
		73      Outstanding quantity		
		Used for 1441 Customer Service (Spare Parts)		
	83      Backorder quantity			
	113      Quantity to be delivered			
	Followed by SCC and DTM			
6060	<b>Quantity</b>		<b>M n..15</b>	<b>M n..10</b>
	Numeric value of a quantity.			

**Segment:** **SCC** Scheduling Conditions  
**Position:** 0490  
**Group:** Segment Group 12 (Quantity)      Conditional (Required)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment specifying the type and status of the schedule being given, and optionally defining a pattern to be established, e.g. firm or proposed delivery schedule for a weekly pattern.

**Comments:****Notes:**

Note. Used different between Volvo Cars units/plants

Example: SCC+1'

SCC+3'

SCC+4'

SCC+9'

SCC+24'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4017		<b>DELIVERY PLAN STATUS INDICATOR, CODED</b>	<b>M an..3</b>	<b>M</b>
		Code indicating the level of commitment of schedule information.		
		1                      Firm		
		3                      Commitment for material		
		4                      Planning/forecast		
		24                     Reference to commercial agreement between partners		

**Segment:** **DTM** Date/Time/Period  
**Position:** 0500  
**Group:** Segment Group 12 (Quantity) Conditional (Required)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment indicating the date/time/period details relating to the quantity and schedule details in the QTY/SCC segments. This segment may indicate date/time ranges, e.g. start and end dates for a delivery pattern, or delivery window.

**Comments:**

**Notes:** Example: DTM+2:200103060000:203'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	<b>Date/time/period qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a date, time or period.		
		2 Delivery date/time, requested		
		63 Delivery date/time, latest		
		64 Delivery date/time, earliest		
	2380	<b>Date/time/period</b>	<b>C an..35</b>	<b>R an..12</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	<b>Date/time/period format qualifier</b>	<b>C an..3</b>	<b>R</b>
	Specification of the representation of a date, a date and time or of a period.			
	102 CCYYMMDD			
	203 CCYYMMDDHHMM			
	Used when there is more than one call off during one day.			

**Group:** **RFF** Segment Group 13: Reference  
**Position:** 0510  
**Group:** Segment Group 12 (Quantity) Conditional (Required)  
**Level:** 4  
**Usage:** Conditional (Dependent)  
**Max Use:** 10  
**Purpose:** A group of segments for referencing specific product delivery release information and where necessary their date.  
**Notes:** Regarding Value: AAK: This segment will be omitted, if no despatch is received.  
 Regarding Value AAP: Used after special agreement with Volvo Car, a reference is made here to an order line or other customer-oriented reference concept.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0520	RFF	Reference	M	1
D	0530	DTM	Date/Time/Period	C	1

**Segment:** **RFF** Reference  
**Position:** 0520 (Trigger Segment)  
**Group:** Segment Group 13 (Reference)      Conditional (Dependent)  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for referencing specific product delivery release information e.g. appointment.

**Comments:**

**Notes:** Example: RFF+AAK:110197'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C506</b>		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number. AAK                      Despatch advice number AAP                      Part consignment number	<b>M an..3</b>	<b>M</b>
	<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>	<b>R</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0530  
**Group:** Segment Group 13 (Reference) Conditional (Dependent)  
**Level:** 5  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** Date/time of the referred document.

**Comments:**

**Notes:** Present when qualifier AAK is used in RFF 1153, if despatch is received.  
 Example: DTM+171:20010220:102'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	<b>Date/time/period qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a date, time or period.		
		171 Reference date/time		
	2380	<b>Date/time/period</b>	<b>C an..35</b>	<b>R an..12</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	<b>Date/time/period format qualifier</b>	<b>C an..3</b>	<b>R</b>
		Specification of the representation of a date, a date and time or of a period.		
		102 CCYYMMDD		
	203 CCYYMMDDHHMM			



**Segment:** **UNT** Message Trailer  
**Position:** 1250  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.  
**Comments:**  
**Notes:** Example: UNT+106+1144295'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0074		<b>NUMBER OF SEGMENTS IN A MESSAGE</b> Control count of number of segments in a message.	M n..6	M
0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M an..14	M