



EDI Implementation Guidelines

EDIFACT DELFOR D97.A
Delivery Forecast

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2. Message Definition:

2.1. Introduction:

Dräxlmaier is transmitting VDA4905/4 as a delivery forecast to most of its suppliers. Alternatively EDIFACT DELFOR can be sent.

This document provides the definition of a Delivery Instruction Message, based on the EDIFACT DELFOR D97.A, to be used in Electronic Data Interchange (EDI) between the Dräxlmaier Group and its Trading Partners.

The intention of this document is to describe the Dräxlmaier specific interchange structure. Therefore only segments used by Dräxlmaier are explained and additional standard related documentation might be necessary.

2.2. Generation

There are two occasions initiating the generation of a DELFOR message:

- Weekly release: The sending schedule renews the demand and received shipments of all articles.
- Daily release (conditional): The sending schedule supersedes applicable articles. It only contains articles that have a changed demand since the last forecast message. This schedule is created within 24 hours after the change has been made.

2.3. Function

EDIFACT DELFOR is a message from Dräxlmaier to a supplier giving details for short and long term material requirements in line with the conditions set out in the purchase contract. This message gives authorization to ship the firmed and immediately needed quantities. Furthermore it provides a planning forecast, allowing the supplier to purchase raw materials to cover future requirements.

2.4. Departures from the GM Guideline:

It was necessary to slightly modify the Dräxlmaier EDI from the GM Guideline. Below all departures are listed:

- The accumulation start/reset date of the cumulative quantity received and scheduled is not given in the forecast. Instead a dummy date 2005-01-01 will be transferred.
- The Interchange Control Reference is not the calendar week but a unique number for each DELFOR message.
- A quantity/date expressed in the QTY segment of the Delivery Schedule Detail Section with qualifier 83 is a backorder quantity.
- A quantity/date with qualifier 84 is specifying an urgent demand.
- QTY+83 and QTY+84 are transferred in the segment SCC+10+P2 and both requirements must be delivered as soon as possible.
- Quantities/dates expressed in the QTY segment of the Delivery Schedule Detail Section with qualifier 183 are articles that have no further demand / dropped its demand to zero. If applicable, this information is transmitted in a user-defined SCC segment (SCC+9).
- The IMD-segment might be used two times per article to transfer the part description and its GM-number.
- The flexible interval is not necessarily starting on a Monday and ending on a Sunday. It might display a full or just a part of a calendar month.
- Additionally, the number, date and amount of the last shipment received is given in segment 15 (QTY+48)

3. Message Description

3.1. Segment Table

The segment table illustrates how the segments will be repeated in the Dräxlmaier specific Delivery Forecast. The numbers indicate the maximum occurrences for each segment. Re-occurring segment groups are explained only one time.

0	1	2	3	4	5	Level
UNB						M 1 Interchange Header
UNH						M 1 Start of Delivery Schedule Message
	BGM					M 1 Message Identification
	DTM					M 1 Message generation date
	DTM					C 1 Horizon start date
	DTM					C 1 Horizon end date
	Seg02					M 1 Names and locations relevant to the whole delivery schedule
	NAD					M 1 Material release issuer (Buyer)
	NAD					M 1 Supplier identification
	NAD					C 1 Ship from identification
	Seg06					M 1 Details on delivery points, products and related information
	GIS					M 1 Start of detail section
	Seg07					M 1 Needed to identify a delivery point
	NAD					M 1 Ship to destination plant
	Seg12					M 9999 Details of the individual article
	LIN					M 1 Article identification
		IMD				C 1 GM/Supplier-Part number
		IMD				C 1 Article description
		LOC				M 1 Receiving plant/dock information
	Seg13					M 1 References to the article
	RFF					M 1 Purchase order number
	Seg15					M 1 Received and scheduled cumulative quantities of the article
		QTY				M 1 Cumulative quantity received
			DTM			M 1 Start date
			DTM			M 1 Date last shipment received
	Seg15					M 1 %
		QTY				M 1 Cumulative quantity scheduled
			DTM			M 1 Start date
			DTM			M 1 End date

0 1 2 3 4 5 Level

	Seg15	C	1	Last shipment received
	QTY	M	1	Quantity of received article
	Seg16	M	1	Last shipment received
	REF	M	1	Packing slip number
	DTM	M	1	Date of receiving
	Seg17	C	1	Schedule information for the article
	SCC	M	1	User defined schedule status
	Seg18	M	1	Product quantities and associated dates
	QTY	M	1	Zero-demand
	DTM	C	1	Date of message
	Seg17	C	1	%
	SCC	M	1	Immediate shipment schedule status
	Seg18	C	1	%
	QTY	M	1	Back order quantity
	DTM	M	1	Date of preceding week
	Seg18	C	1	%
	QTY	M	1	Urgent demand quantity
	DTM	M	1	Date of message
	Seg17	C	2	%
	SCC	M	1	Weekly schedule status (authorization to ship)
	Seg18	M	999	%
	QTY	M	1	Quantity to be delivered in week x
	DTM	M	1	Expected date of delivery
	Seg17	C	2	%
	SCC	M	1	Flexible interval schedule status (planning)
	Seg18	M	999	%
	QTY	M	1	Quantity planned for period x - y
	DTM	M	1	Horizon start date
	DTM	M	1	Horizon end date
UNT		M	1	End of message
UNZ		M	1	End of interchange

3.2. Service Segments Description

UNB - Interchange Header

Level: 0 DRX status: M
 Segment: none DRX occurrences: 1 per interchange
 UNB

Tag	Name	St	Format	Remark
S001	Syntax identifier	M		
0001	Syntax identifier	M	A4	“UNOA” = UN/ECE level A
0002	Syntax version number	M	N1	“2” = version 2
S002	Interchange Sender	M		
0004	Sender identification	M	AN..35	Dräxlmaier mailbox number as agreed
0007	Identification code qualifier	C	AN..4	Qualifier as agreed
0008	Address for Reverse Routing	-	-	-
S003	Interchange Recipient	M		
0010	Recipient identification	M	AN..35	Trading partner mailbox number
0007	Identification code qualifier	C	AN..4	Trading partner qualifier
0014	Routing address	-	-	-
S004	Date / Time of preparation	M		
0017	Date of preparation	M	N6	YYMMDD
0019	Time of preparation	M	N4	HHMM
0020	Interchange Control Reference	M	N..5	Unique number
S005	Recipients reference password	-	-	-
0022	Recipient’s reference/password	-	-	-
0025	Recipient’s reference/password qualifier	-	-	-
0026	Application reference	C	AN..14	“MGO”
0029	Processing code priority	-	-	-
0031	Acknowledgement request	-	-	-
0032	Communications agreement ID	-	-	-
0035	Test Indicator	-	-	-

Link to VDA4905 element:
 0020 = SA511, Pos6

Example:

UNB+UNOA:2+DRAX0001:ZZ+098063683:01+070807:1154+85++MGO'

UNH - Message Header

Level: 0 DRX status: M
 Segment: none DRX occurrences: 1 per message
 UNB.UNH

Tag	Name	St	Format	Remark
0062	Message Reference Number	M		Unique Number for each message starting with 1
S009	Message identifier	M		
0065	Message type	M	AN..6	"DELFOR"
0052	Message version number	M	AN..3	"D"
0054	Message release number	M	AN..3	"97A"
0051	Controlling agency	M	AN..2	"UN"
0057	Association assigned code	-	-	-
0068	Common access reference	-	-	-
S010	Status of transfer	-	-	-
0070	Sequence of transfer	-	-	-
0073	First and last transfer	-	-	-

Link to VDA4905 element:

-

Example:

UNH+1+DELFOR:D:97A:UN'

UNT - Message Trailer

Level: 0 DRX status: M
Segment: none DRX occurrences: 1 per message
UNB.UNH.UNT

Tag	Name	St	Format	Remark
0074	Number of segments in the message	M	N..6	Control count of the number of segments in the message, including UNH and UNT.
0062	Message Reference Number	M	AN..14	Number must be identical to UNH tag 0062.

Link to VDA4905 element:

-

Example:

UNT+333+1 '

UNZ - Interchange Trailer

Level: 0 DRX status: M
Segment: none DRX occurrences: 1 per interchange
UNB.UNZ

Tag	Name	St	Format	Remark
0036	Interchange Control Count	M	N..6	Number of messages in an interchange.
0020	Interchange Control Reference	M	AN..14	Value must be the same as in UNB tag 0020.

Link to VDA4905 element:

-

Example:

UNZ+1+13'

3.3. Data Segments Description

BGM - Beginning of Message

Level: 1 DRX status: M
 Segment: none DRX occurrences: 1 per message
 UNB.UNH.BGM

Tag	Name	St	Format	Remark
C002	Document/message name	M		
1001	Document/message name, coded	M	AN..3	“241” = Delivery schedule. The quantities must be planned for shipment during the week indicated.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	-	-	-
1000	Document/message name	M	AN..35	“DL” = Delivery Based.
C106	Document/message identification	C		
1004	Document/message number	M	AN..35	Unique. Same number as used for the Interchange Control Reference (UNB segment).
1056	Version	-	-	-
1060	Revision number	-	-	-
1225	Message Function, coded	M	AN..3	“4” = Message contains items that must be changed in a previous message
4343	Response Type, coded	-	-	-

Link to VDA4905 element:
 1004 = SA511, Pos6

Example:
 BGM+241:::DL+85+4'

DTM - Date/Time/Period

Level: 1 DRX status: M
 Segment: none DRX occurrences: max. 3 per message
 UNB.UNH.DTM

Tag	Name	St	Format	Remark
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Document generation date:

C507	Date/Time/Period	M		
2005	Date/Time/Period qualifier	M	AN..3	"137" = Document message date
2380	Date/Time/Period	M	AN..35	Actual issue date of the document
2379	Date/Time/Period	M	AN..3	"102"= YYYYMMDD

Horizon start date:

C507	Date/Time/Period	C		
2005	Date/Time/Period qualifier	M	AN..3	"158" = Horizon start date
2380	Date/Time/Period	M	AN..35	Start date of planning horizon
2379	Date/Time/Period	M	AN..3	"102"= YYYYMMDD

Horizon end date:

C507	Date/Time/Period	C		
2005	Date/Time/Period qualifier	M	AN..3	"159" = Horizon end date
2380	Date/Time/Period	M	AN..35	End date of planning horizon
2379	Date/Time/Period	M	AN..3	"102"= YYYYMMDD

Link to VDA4905 element:

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Example:

DTM+137:20070807:102'

DTM+158:20070806:102'

DTM+159:20080131:102'

NAD - Name and address

Level: 1 DRX status: M
 Segment: 2 DRX occurrences: max. 3 per message
 UNB.UNH.G02.NAD

Tag	Name	St	Format	Remark
Supplier:				
3035	Party qualifier	M	AN..3	“SU” = Supplier
C082	Party identification details	M		
3039	Party identification	M	AN..35	Code identifying the supplier.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	“16” = DUNS (9-digit) “92” = Assigned by buyer
<i>Rest of segment not used.</i>				

Planning schedule/material issuer (buyer):				
3035	Party qualifier	M	AN..3	“MI” = Material issuer
C082	Party identification details	M		
3039	Party identification	M	AN..35	Code identifying the issuer of the planning schedule.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	“16” = DUNS (9-digit)
<i>Rest of segment not used.</i>				

Ship From Location (conditional; only used when this is different from SU):				
3035	Party qualifier	M	AN..3	“SF” = Ship From
C082	Party identification details	M		
3039	Party identification	M	AN..35	Code identifying the ship from location.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	“16” = DUNS (9-digit) “92” = Assigned by buyer
<i>Rest of segment not used.</i>				

Link to VDA4905 element:

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Example:

NAD+SU+130228021:::16'
 NAD+MI+946803459:::16'
 NAD+SF+787118579:::16'

GIS - General Indicator

Level: 1 DRX status: M
 Segment: 6 DRX occurrences: 1 per segment group 6
 UNB.UNH.G06.GIS

Tag	Name	St	Format	Remark
C529	Processing Indicator	M		
7365	Processing indicator, coded	M	AN..3	"37" = Complete information; further explained in chapter 1.2
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	-	-	-
7187	Process type identification	-	-	-

Link to VDA4905 element:

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Example:

GIS+37'

NAD - Name and Address

Level: 2 DRX status: M
 Segment: 7 DRX occurrences: 1 per segment group 7
 UNB.UNH.G06.GIS.G07.NAD

Tag	Name	St	Format	Remark
3035	Party qualifier	M	AN..3	"ST" = Ship To
C082	Party identification details	M		
3039	Party identification	M	AN..35	Code identifying the plant where the material must be delivered
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	"92" = Assigned by buyer
<i>Rest of segment not used.</i>				

Link to VDA4905 element:
 3039 = SA512, Pos3

Example:
 NAD+ST+A5:::92'

LIN - Line Item

Level: 2 DRX status: M
 Segment: 12 DRX occurrences: 1 per segment group 12
 UNB.UNH.G06.GIS.G12.LIN

Tag	Name	St	Format	Remark
1082	Line Item Number	-	-	-
1229	Action Request / Notification	-	-	-
C212	Item number identification	M		
7140	Item number	M	AN..35	Dräxlmaier 8-digit material number
7143	Item number type, coded	M	AN..3	"IN" = Buyer's item number
1131	Code list qualifier	-	-	-
3055	Code list responsible agency	-	-	-
<i>Rest of segment not used.</i>				

Link to VDA4905 element:
 7140 = SA512, Pos8

Example:
 LIN+++B0004151:IN'

IMD - Item Description

Level: 3 DRX status: C
 Segment: 12 DRX occurrences: max. 2 per segment group 12
 UNB.UNH.G06.GIS.G12.LIN.IMD

Tag	Name	St	Format	Remark
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Supplier's part number / GM assigned part number:

7077	Item Description Type, coded	C	AN..3	"C" = Code
7081	Item Characteristic, coded	C	AN..3	"8" = Product
C273	Item Description	C		
7009	Item Description Identification	-	-	-
1131	Code list qualifier	-	-	-
3055	Code list responsible agency	-	-	-
7008	Item Description	C	AN..35	Supplier's / GM assigned part number
7008	Item Description	-	-	-
3453	Language, coded	-	-	-
7383	Surface/Layer Indicator, coded	-	-	-

Article Description:

7077	Item Description Type, coded	C	AN..3	"E" = Free-form short description
7081	Item Characteristic, coded	C	AN..3	"8" = Product
C273	Item Description	C		
7009	Item Description Identification	-	-	-
1131	Code list qualifier	-	-	-
3055	Code list responsible agency	-	-	-
7008	Item Description	C	AN..35	Text description of the part #1
7008	Item Description	C	AN..35	Text description of the part #2
3453	Language, coded	-	-	-
7383	Surface/Layer Indicator, coded	-	-	-

Link to VDA4905 element:

7008 = SA518, Pos3

7008 = SA518, Pos4 and Pos5

Example:

IMD+C+8+:::15854388'

IMD+E+8+:::GMX322 STEERING COLUMN ASM - CLOSEO:UT BOOT LHD'

LOC - Place / Location Identification

Level: 3 DRX status: M
 Segment: 12 DRX occurrences: 1 per segment group 12
 UNB.UNH.G06.GIS.G12.LIN.LOC

Tag	Name	St	Format	Remark
3227	Place / Location Qualifier	M	AN..3	"11" = Place / Port of discharge
C517	Location Identification	M		
3225	Place / Location Identification	M	AN..25	Code identifying the receiving dock at the plant or the plant itself if no further information is available
<i>Rest of segment not used.</i>				

Link to VDA4905 element:
 3225 = SA512, Pos11

Example:
 LOC+11+A5 '

RFF - Reference

Level: 3 DRX status: M
 Segment: 13 DRX occurrences: 1 per segment group 13
 UNB.UNH.G06.GIS.G12.LIN.G13.RFF

Tag	Name	St	Format	Remark
C506	Reference	M		
1153	Reference Qualifier	M	AN..3	"ON" = Order number
1154	Reference Number	M	AN..35	Number of the Purchase Order relevant for the article
1156	Line Number	-	-	-
4000	Reference version number	-	-	-
<i>Rest of segment not used.</i>				

Link to VDA4905 element:
 1154 = SA512, Pos10

Example:
 RFF+ON: 46186-09'

QTY - Quantity

Level: 3 DRX status: M
 Segment: 15 DRX occurrences: 1 per segment group 15
 UNB.UNH.G06.GIS.G12.LIN.G15.QTY

Tag	Name	St	Format	Remark
C186	Quantity Details	M		
6063	Quantity Qualifier	M	AN..3	"3" = Cumulative Quantity Cumulative quantity received. The total quantity received of that material since a bilaterally agreed reset date.
6060	Quantity	M	N..15	
6411	Measure Unit Qualifier	M	AN..3	

Link to VDA4905 element:

6060 = SA513, Pos7

6411 = SA512, Pos13

Example:

QTY+3:200:C62'

DTM+51:20050101:102'

DTM+11:20070703:102'

DTM - Date / Time / Period

Level: 4 DRX status: M
 Segment: 15 DRX occurrences: max. 2 per segment group 15
 UNB.UNH.G06.GIS.G12.LIN.G15.QTY.DTM

Tag	Name	St	Format	Remark
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Start Date:

C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	"51" = Cumulative quantity start date
2380	Date/Time/Period	M	AN..35	"20050101" = Standard value The start date is individually for each material and has to be arranged personally. The agreed value is not transmitted per EDI; instead the above-mentioned standard value is given.
2379	Date/Time/Period Format Qualifier	M	AN..3	"102" = YYYYMMDD

Last recorded shipment date:

C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	"11" = Despatch Date / Time
2380	Date/Time/Period	M	AN..35	Date of the last shipment received for this part. In case there is no preceding shipment the System's date will be used instead.
2379	Date/Time/Period Format Qualifier	M	AN..3	"102" = YYYYMMDD

Link to VDA4905 element:

2380 = SA511, Pos8, currently not available

2380 = SA513, Pos5 or SA511, Pos7

Example:

QTY+3:200:C62'

DTM+51:20050101:102'

DTM+11:20070703:102'

QTY - Quantity

Level: 3 DRX status: M
 Segment: 15 DRX occurrences: 1 per segment group 15
 UNB.UNH.G06.GIS.G12.LIN.G15.QTY

Tag	Name	St	Format	Remark
C186	Quantity Details	M		
6063	Quantity Qualifier	M	AN..3	"79" = Previous cumulative quantity
6060	Quantity	M	N..15	Cumulative quantity scheduled. If different from the Cumulative received in QTY+3, the QTY+79 reflects the quantity that was expected to be delivered.
6411	Measure Unit Qualifier	M	AN..3	For code value see chapter 4.1

Link to VDA4905 element:

6060 = SA513, Pos7, calculated

6411 = SA512, Pos13

Example:

QTY+79:250:C62'

DTM+51:20050101:102'

DTM+52:20070703:102'

DTM - Date / Time / Period

Level: 4 DRX status: M
 Segment: 15 DRX occurrences: max. 2 per segment group 15
 UNB.UNH.G06.GIS.G12.LIN.G15.QTY.DTM

Tag	Name	St	Format	Remark
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Start Date:

C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	"51" = Cumulative quantity start date
2380	Date/Time/Period	M	AN..35	"20050101" = Standard value The start date is individually for each material and has to be arranged personally. The agreed value is not transmitted per EDI; instead the above-mentioned standard value is given.
2379	Date/Time/Period Format Qualifier	M	AN..3	"102" = YYYYMMDD

End Date:

C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	"52" = Cumulative quantity end date
2380	Date/Time/Period	M	AN..35	Last date for accumulation of delivery quantities.
2379	Date/Time/Period Format Qualifier	M	AN..3	"102" = YYYYMMDD

Link to VDA4905 element:

2380 = SA511, Pos8, currently n/a
 2380 = SA511, Pos7

Example:

QTY+79:250:C62'
 DTM+51:20050101:102'
 DTM+52:20070703:102'

QTY - Quantity

Level: 3 DRX status: C
Segment: 15 DRX occurrences: 1 per segment group 15
UNB.UNH.G06.GIS.G12.LIN.G15.QTY

Tag	Name	St	Format	Remark
C186	Quantity Details	M		
6063	Quantity Qualifier	M	AN..3	"48" = Received quantity
6060	Quantity	M	N..15	Received quantity
6411	Measure Unit Qualifier	M	AN..3	For code value see chapter 4.1

Link to VDA4905 element:

6060 = SA513, Pos6

6411 = SA512, Pos13

Example:

QTY+48:1456000:C62'

RFF+AAU:H1693301'

DTM+171:20071030:102'

RFF - Reference

Level: 4 DRX status: M
 Segment: 16 DRX occurrences: 1 per segment group 16
 UNB.UNH.G06.GIS.G12.LIN.G15.QTY.G16.RFF

Tag	Name	St	Format	Remark
C506	Reference	M		
1153	Reference Qualifier	M	AN..3	“AAU” = Despatch note number
1154	Reference Number	M	AN..35	Packing slip number
1156	Line Number	-	-	-
4000	Reference version number	-	-	-
<i>Rest of segment not used.</i>				

Link to VDA4905 element:
 1154 = SA513, Pos4

Example:

```
QTY+48:1456000:C62 '
RFF+AAU:H1693301 '
DTM+171:20071030:102 '
```

DTM - Date / Time / Period

Level: 5 DRX status: M
 Segment: 16 DRX occurrences: 1 per segment group 16
 UNB.UNH.G06.GIS.G12.LIN.G15.QTY.G16.RFF.DTM

Tag	Name	St	Format	Remark
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Start Date:

C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	“171” = Reference date/time
2380	Date/Time/Period	M	AN..35	Date of shipment received
2379	Date/Time/Period Format Qualifier	M	AN..3	“102” = YYYYMMDD

Link to VDA4905 element:
 2380 = SA513, Pos5

Example:

QTY+48:1456000:C62 '
 RFF+AAU:H1693301 '
 DTM+171:20071030:102 '

SCC - Scheduling Conditions

Level: 3 DRX status: C
 Segment: 17 DRX occurrences: 1 per segment group 17
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC

Tag	Name	St	Format	Remark
4017	Delivery Plan Status Indicator	M	AN..3	"9" = User defined
4493	Delivery Requirements, coded	-	-	-
C329	Pattern Description	C		
2013	Frequency, coded	-	-	-
2015	Despatch pattern, coded	-	-	-
2017	Despatch pattern timing, coded	-	-	-

Link to VDA4905 element:

-

Example:

SCC+9'

QTY+183:0:C62'

DTM+2:20070814:102'

QTY - Quantity

Level: 4 DRX status: M
 Segment: 18 DRX occurrences: 1 per segment group 18
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC.G18.QTY

Tag	Name	St	Format	Remark
C186	Quantity Details	M		
6063	Quantity Qualifier	M	AN..3	"183" = No delivery requirement in this instruction. There is no further need for this material.
6060	Quantity	M	N..15	In this case the quantity is always zero.
6411	Measure Unit Qualifier	M	AN..3	For code value see chapter 4.1

Link to VDA4905 element:

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Example:

```
SCC+9 '
QTY+183:0:C62 '
DTM+2:20070814:102 '
```

DTM - Date / Time / Period

Level: 5 DRX status: C
 Segment: 18 DRX occurrences: max. 2 per segment group 18
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC.G18.QTY.DTM

Tag	Name	St	Format	Remark
C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	"2" = Delivery date/time, requested
2380	Date/Time/Period	M	AN..35	Generating System's current date
2379	Date/Time/Period Format Qualifier	M	AN..3	"102" = YYYYMMDD

Link to VDA4905 element:

-

Example:

```
SCC+9'  

QTY+183:0:C62'  

DTM+2:20070814:102'
```

SCC - Scheduling Conditions

Level: 3 DRX status: C
 Segment: 17 DRX occurrences: 1 per segment group 17
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC

Tag	Name	St	Format	Remark
4017	Delivery Plan Status Indicator	M	AN..3	"10" = Immediate. Indicates that the scheduling information is for immediate execution.
4493	Delivery Requirements, coded	M	AN..3	"P2" = Ship as soon as possible
C329	Pattern Description	C		
2013	Frequency, coded	-	-	-
2015	Despatch pattern, coded	-	-	-
2017	Despatch pattern timing, coded	-	-	-

Link to VDA4905 element:

-

Example:

SCC+10+P2'

QTY+83:281:C62'

DTM+2:20070703:102'

QTY - Quantity

Level: 4 DRX status: M
 Segment: 18 DRX occurrences: 1 per segment group 18
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC.G18.QTY

Tag	Name	St	Format	Remark
-----	------	----	--------	--------

Backlog:

C186	Quantity Details	M		
6063	Quantity Qualifier	M	AN..3	“83” = Backorder quantity
6060	Quantity	M	N..15	Scheduled quantity that was failed to deliver on time and must be shipped immediately.
6411	Measure Unit Qualifier	M	AN..3	For code value see chapter 4.1

Immediate Demand:

C186	Quantity Details	M		
6063	Quantity Qualifier	M	AN..3	“84” = Urgent delivery quantity
6060	Quantity	M	N..15	Sudden demand, which is urgent and needed as soon as possible
6411	Measure Unit Qualifier	M	AN..3	For code value see chapter 4.1

Link to VDA4905 element:

-

Example:

```
SCC+10+P2 '  
QTY+83:281:C62 '  
DTM+2:20070703:102 '
```


DTM - Date / Time / Period

Level: 5 DRX status: C
 Segment: 18 DRX occurrences: max. 2 per segment group 18
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC.G18.QTY.DTM

Tag	Name	St	Format	Remark
C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	"2" = Delivery date/time, requested Monday of preceding week for backlog quantities; current date in case of urgent demand
2380	Date/Time/Period	M	AN..35	
2379	Date/Time/Period Format Qualifier	M	AN..3	"102" = YYYYMMDD

Link to VDA4905 element:

-

Example:

SCC+10+P2'

QTY+83:281:C62'

DTM+2:20070703:102'

SCC - Scheduling Conditions

Level: 3 DRX status: C
 Segment: 17 DRX occurrences: 1 per segment group 17
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC

Tag	Name	St	Format	Remark
4017	Delivery Plan Status Indicator	M	AN..3	"1" = Firm quantity or "4" = Planning quantity
4493	Delivery Requirements, coded	-	-	-
C329	Pattern Description	C		
2013	Frequency, coded	C	AN..3	"W" = Weekly interval or "F" = Flexibly interval
2015	Despatch pattern, coded	C	AN..3	Days for routine shipments: "13" = Monday "22" = Each week of the month
2017	Despatch pattern timing, coded	-	-	-

Link to VDA4905 element:

-

Example:

```
SCC+1++W:13 '
QTY+1:375:C62 '
DTM+2:20070702:102 '
...
SCC+4++F:22 '
QTY+1:2500:C62 '
DTM+158:20071101:102 '
DTM+159:20071130:102 '
```

QTY - Quantity

Level: 4 DRX status: M
 Segment: 18 DRX occurrences: 1 per segment group 18
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC.G18.QTY

Tag	Name	St	Format	Remark
C186	Quantity Details	M		
6063	Quantity Qualifier	M	AN..3	"1" = Discrete quantity
6060	Quantity	M	N..15	Forecasted quantity
6411	Measure Unit Qualifier	M	AN..3	For code value see chapter 4.1

Link to VDA4905 element:

-

Example:

```
SCC+1++W:13 '
QTY+1:375:C62 '
DTM+2:20070702:102 '
...
SCC+4++F:22 '
QTY+1:2500:C62 '
DTM+158:20071101:102 '
DTM+159:20071130:102 '
```

DTM - Date / Time / Period

Level: 5 DRX status: C
 Segment: 18 DRX occurrences: max. 2 per segment group 18
 UNB.UNH.G06.GIS.G12.LIN.G17.SCC.G18.QTY.DTM

Tag	Name	St	Format	Remark
-----	------	----	--------	--------

1st occurrence (always):

C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	“2” = Delivery date/time, requested
2380	Date/Time/Period	M	AN..35	“158” = Horizon start date
2379	Date/Time/Period Format Qualifier	M	AN..3	Monday of the week or start date of flexibly period “102” = YYYYMMDD

2nd occurrence (flexibly intervals only):

C507	Date / Time / Period	M		
2005	Date/Time/Period Qualifier	M	AN..3	“159” = Horizon end date
2380	Date/Time/Period	M	AN..35	End date of flexibly period
2379	Date/Time/Period Format Qualifier	M	AN..3	“102” = YYYYMMDD

Link to VDA4905 element:

-

Example:

```
SCC+1++W:13'  

QTY+1:375:C62'  

DTM+2:20070702:102'  

...  

SCC+4++F:22'  

QTY+1:2500:C62'  

DTM+158:20071101:102'  

DTM+159:20071130:102'
```

3.4. Example of Message

```
UNB+UNOA:2+DRAX0001:ZZ+812387637:01+070819:1506+137++MGO'  
UNH+1+DELFOR:D:97A:UN'  
BGM+241:::DL+137+4'  
DTM+137:20070819:102'  
DTM+158:20070819:102'  
DTM+159:20071231:102'  
NAD+SU+812387637:::16'  
NAD+MI+946803459:::16'  
GIS+37'  
NAD+ST+B6:::92'  
LIN+++R4100021:IN'  
IMD+C+8+:::8 174 044.9'  
IMD+E+8+:::MONTANA LEATHER HIDE - GREY'  
LOC+11+B6'  
RFF+ON:45074-13'  
QTY+3:14028:MTK'  
DTM+51:20050101:102'  
DTM+11:20070817:102'  
QTY+79:14028:MTK'  
DTM+51:20050101:102'  
DTM+52:20070819:102'  
SCC+9'  
QTY+183:0:MTK'  
DTM+2:20070819:102'  
LIN+++00100276:IN'  
IMD+C+8+:::15855836'  
IMD+E+8+:::INSULATOR I-P UPR T-PNL / GMN10034:M, TYPE 1'  
LOC+11+B6'  
RFF+ON:46142-05'  
QTY+3:2500:C62'  
DTM+51:20050101:102'  
DTM+11:20070819:102'  
QTY+48:1000:C62'  
RFF+AAU:H1728786'  
DTM+171:20070813:102'  
QTY+79:7500:C62'  
DTM+51:20050101:102'  
DTM+52:20070819:102'  
SCC+10+P2'  
QTY+83:5000:C62'  
DTM+2:20070819:102'  
SCC+1++W:13'  
QTY+1:5000:C62'  
DTM+2:20070820:102'  
QTY+1:5000:C62'  
DTM+2:20070903:102'  
SCC+4++W:13'  
QTY+1:5000:C62'  
DTM+2:20070917:102'  
QTY+1:5000:C62'  
DTM+2:20071001:102'  
SCC+4++F:22'  
QTY+1:5000:C62'  
DTM+158:20071008:102'  
DTM+159:20071031:102'  
QTY+1:5000:C62'  
DTM+158:20071101:102'  
DTM+159:20071130:102'  
QTY+1:3291:C62'  
DTM+158:20071201:102'  
DTM+159:20071231:102'  
UNT+61+1'  
UNZ+1+137'
```

For a better reading the message has been shown with each segment type on a separate line, which might not be the case when the message is normally transmitted. Depending on the Value-Added-Network used for the transfer the EDI will be generated either with or without line breaks. The next example shows how the message looks like without line breaks.

```
UNB+UNOA:2+DRAX0001:ZZ+812387637:01+070819:1506+137++MGO'UNH+1+DELFOR:D:97A:UN'BGM+241:::DL+137+4'DTM+
137:20070819:102'DTM+158:20070819:102'DTM+159:20071231:102'NAD+SU+812387637:::16'NAD+MI+946803459:::16'G
IS+37'NAD+ST+B6:::92'LIN+++R4100021:IN'IMD+C+8+:::8 174 044.9'IMD+E+8+:::MONTANA LEATHER HIDE - GREY'LO
C+11+B6'RFF+ON:45074-13'QTY+3:14028:MTK'DTM+51:20050101:102'DTM+11:20070817:102'QTY+79:14028:MTK'DTM+5
1:20050101:102'DTM+52:20070819:102'SCC+9'QTY+183:0:MTK'DTM+2:20070819:102'LIN+++O0100276:IN'IMD+C+8+::
:15855836'IMD+E+8+:::INSULATOR I-P UPR T-PNL / GMN10034:M, TYPE 1'LOC+11+B6'RFF+ON:46142-05'QTY+3:2500
:C62'DTM+51:20050101:102'DTM+11:20070819:102'QTY+48:1000:C62'RFF+AAU:H1728786'DTM+171:20070813:102'QTY
+79:7500:C62'DTM+51:20050101:102'DTM+52:20070819:102'SCC+10+P2'QTY+83:5000:C62'DTM+2:20070819:102'SCC+
1++W:13'QTY+1:5000:C62'DTM+2:20070820:102'QTY+1:5000:C62'DTM+2:20070903:102'SCC+4++W:13'QTY+1:5000:C62
'DTM+2:20070917:102'QTY+1:5000:C62'DTM+2:20071001:102'SCC+4++F:22'QTY+1:5000:C62'DTM+158:20071008:102'
DTM+159:20071031:102'QTY+1:5000:C62'DTM+158:20071101:102'DTM+159:20071130:102'QTY+1:3291:C62'DTM+158:2
0071201:102'DTM+159:20071231:102'UNT+61+1'UNZ+1+137'
```

4. Appendix:

4.1. UN/ECE Recommendation No. 20

Dräxlmaier is using code values of the UN/ECE Recommendation No. 20 listed below:

C62	Piece
MMT	Millimeter
MTR	Meter
MTK	Square meter
MTQ	Cubic meter
GRM	Gram
KGM	Kilogram
TNE	Ton
LTR	Liter
CEL	Degrees Celsius
BAR	Bar
SEC	Second
MIN	Minute
NEW	Newton