Supplier EDI Specification

Delivery Forecast
DELFOR
EDIFACT DELFOR D97.A

Nexteer Version 5.0

Document Change Log

Version	Date	Description
1.0	2012.05.11	Document issued.
1.1	2012.10.09	Changed NAD+SU to be DUNS number of supplier
2.0	2013.09.19	RFF segment removed the line item number not required as it is not sent on the DELFOR or DELJIT
3.0	2015.04.09	Added EM example for COM segment for Contact Email.
4.0	2015.06.15	Added post Mexico updates.
5.0	2015.07.22	Added Note about removing the RFF:SI and DTM reference for last shipper received.

0. TABLE OF CONTENT

1. INTRODUCTION

This document provides the specific description of the EDIFACT DELFOR D97.A message.

2. MESSAGE DEFINITION

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 Nexteer and its Trading Partners.

This documentation is fully comprehensive and allows the implementation of the EDIFACT DELFOR without the necessity for any additional standard related documentation.

2.1. FUNCTIONAL DEFINITION

The Delivery Instruction message is a message from Nexteer to a Nexteer Supplier giving details for both short and long-term material requirements in line with the conditions set out in the purchase contract.

This message may only be used as planning forecast, shipping instruction will be provided in an additional call-off message.

2.2. PRINCIPLES

The Delivery Instruction message is intended to:

- Specify requirements based on the delivery conditions.
- Define the aspects that guarantee synchronisation between Nexteer and the Supplier.
- Provide information allowing the Supplier to plan for future requirements, to purchase raw materials.

2.3. REFERENCES

The content of this message is based on:

☐ The message structure as defined by EDIFACT for the Delivery Schedule Message DELFOR as published in the UN/EDIFACT D97.A Directory.

☐ The agreement between the Trading Partners on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this document.

☐ Although the DELINS subset defined by ODETTE has been based on the EDIFACT D96.A Directory, which is not upward compatible with the D97.A Directory, the subset defined by Nexteer and described in this document follows as close as possible the structure of the ODETTE subset.

2.4. FIELD OF APPLICATION

The following definition of a Delivery Instruction Message in EDIFACT format is applicable for the interchange of delivery instructions issued by Nexteer for material deliveries to one or more Nexteer operations.

3. MESSAGE DESCRIPTION

Following pages contain a full description of the EDIFACT DELFOR D97.A message as implemented by Nexteer. All segments are included regardless whether used or not used in the interchange with Nexteer. The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with Nexteer. Those remarks contain specific code values used, additional information on the values shown in a specific field, etc. The aim of those remarks is to simplify the implementation of the message.

3.1. INTRODUCTION

3.1.1. How to read the documentation

All segments in the subset used by Nexteer are described in the following pages. The segment description is to be read as follows:

❶ **0020   BGM**- BEGINNING OF MESSAGE

❷	Segment group:	None.	Level:	1.
❸	EDIFACT status:	Mandatory.	Nexteer status:	Mandatory.
❹	Maximum use:	1 per message.	Nexteer occurrences:	1 per message.
❺	Function:	Segment for the unique identification of the delivery schedule document, by means of its name and its number.		
❺	Nexteer interchange:	See remarks.		
❻	Example:	**BGM+241+05001+5'**		

             A   B C

"**+**" separates segment sections; "**:**" separates elements within a segment section

			EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
❼									
❽	REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	A	C002	*DOCUMENT/MESSAGE NAME*	C			C		
		1001	Document/message name, coded	C	an..3	:	C	an..3	'**241**' = Delivery Schedule
❾		1131	Code list qualifier	C	an..3	:			
		3055	Code list responsible agency, coded	C	an..3	:			
		1000	Document/message name	C	an..35	+			
	B	C106	*DOCUMENT/MESSAGE IDENTIFICATION*	C					
		1004	Document/message number	C	an..35	:	C	an..35	Nexteer assigned release number
		1056	Version	C	an..9	:			
		1060	Revision number	C	an..6	+			
	C	1225	MESSAGE FUNCTION, CODED	C	an..3	+	C	an..3	Function of the message. For code values see below.
		4343	RESPONSE TYPE, CODED	C	an..3	'			

❿ **COMMENTS**

❿ **CODE VALUES**

LEGEND

❶   segment position in the message structure, segment tag and segment name.

❷   identification (when applicable) of the segment group in which the segment is situated and indication at which level the segment is in the message.

❸   status of the segment: as defined by EDIFACT and by Nexteer.

❹   number of occurrences of the segment: as defined by EDIFACT and as used by Nexteer.

❺   description of the function of the segment as defined by EDIFACT and as used by Nexteer.

❻   example of the segment as it may appear in an interchange. This example is only illustrative and does not necessarily represent an actual situation. It should **NOT** be used as a basis to implement this message.

❼   definition of the segment content as defined by EDIFACT and as implemented by Nexteer.

❽   identification of the data elements in the segment
- reference to the example.
- data element tag - data elements with a 'C' denote a composite data element.
- data element name - *italic CAPITALS* denote a composite data element.
- **ST** - the status of the data element.
- **FT** - the format of the data element, i.e. the indication of the number of characters (numerical or alphabetical) for this data element.
- **SP** - the separator used between the data elements.
- remarks on the specific use of the data element in the interchange with Nexteer.

❾   Shaded areas in the Nexteer description mean that Nexteer does not use the data elements.

❿   the segment description can be followed by:
- comments providing more information regarding specific data elements and how they must be used and/or understood in messages from Nexteer.
- code values to be used for data elements contained in the message.

3.1.2. General remarks

Following remarks are applicable for the complete documentation:

□   **Dates**
Unless otherwise specified in the field explanation in the documentation, dates are always expressed as **CCYYMMDD** (qualifier 2379 = 102).

□   **Times**

Unless otherwise specified in the field explanation in the documentation, times are always expressed as **HHMM**.

 Nexteer Status

 Mandatory: All data elements Marked "Mandatory" should be returned in the DESADV
 Conditional: All data elements Marked "Conditional" should be returned in DESADV if sent in the DELJIT / based on some conditions.
 Optional: All data elements marked "Optional" may/may not be returned in the DESADV

3.2. SEGMENT TABLE

The following table shows the segments defined for the EDIFACT UNSM DELFOR D97.A Delivery Forecast message. Shaded areas identify the segments that are not used in the subset of DELFOR used by Nexteer. This table, which should be read in conjunction with the branching diagram indicates the maximum number of occurrences for each segment.

POS.	TAG	NAME	ST	REPEATS	
0010	UNH	Message header	M	1	
0020	BGM	Beginning of message	M	1	
0030	DTM	Date/time/period	M	10	
0040	FTX	Free text	C	5	
0050		**Segment group 1**	**C**	10	
0060	RFF	Reference	M	1	
0070	DTM	Date/time/period	C	1	
0080		**Segment group 2**	**C**	99	
0090	NAD	Name and address	M	1	
0100		**Segment group 3**	**C**	10	
0110	RFF	Reference	M	1	
0120	DTM	Date/time/period	C	1	
0130		**Segment group 4**	**C**	5	
0140	CTA	Contact information	M	1	
0150	COM	Communication contact	C	5	
0160		**Segment group 5**	**C**	10	
0170	TDT	Details of transport	M	1	
0180	DTM	Date/time/period	C	5	
0190		**Segment group 6**	**C**	9999	
0200	GIS	General Indicator	M	1	
0210		**Segment group 7**	**C**	1	
0220	NAD	Name and Address	M	1	
0230	LOC	Place/location identification	C	10	
0240	FTX	Free text	C	5	
0250		**Segment group 8**	**C**	10	
0260	RFF	Reference	M	1	
0270	DTM	Date/time/period	C	1	
0280		**Segment group 9**	**C**	10	
0290	DOC	Document/message details	M	1	
0300	DTM	Date/time/period	C	10	
0310		**Segment group 10**	**C**	5	
0320	CTA	Contact information	M	1	
0330	COM	Communication contact	C	5	
0340		**Segment group 11**	**C**	10	
0350	TDT	Details of transport	M	1	
0360	DTM	Date/time/period	C	5	
0370		**Segment group 12**	**C**	9999	
0380	LIN	Line item	M	1	
0390	PIA	Additional item information	C	10	
0400	IMD	Item description	C	10	
0410	MEA	Measurements	C	5	

POS.	TAG	NAME	ST	REPEATS	
0420	ALI	Additional information	C	5	
0430	GIN	Goods identity number	C	999	
0440	GIR	Related identification numbers	C	999	
0450	LOC	Place/location identification	C	999	
0460	DTM	Date/time/period	C	5	
0470	FTX	Free text	C	5	
0480		**Segment group 13**	**C**	**10**	
0490	RFF	Reference	M	1	
0500	DTM	Date/time/period	C	1	
0510		**Segment group 14**	**C**	**10**	
0520	TDT	Details of transport	M	1	
0530	DTM	Date/time/period	C	2	
0540		**Segment group 15**	**C**	**10**	
0550	QTY	Quantity	M	1	
0560	DTM	Date/time/period	C	2	
0570		**Segment group 16**	**C**	**10**	
0580	RFF	Reference	M	1	
0590	DTM	Date/time/period	C	1	
0600		**Segment group 17**	**C**	**999**	
0610	SCC	Scheduling conditions	M	1	
0620		**Segment group 18**	**C**	**999**	
0630	QTY	Quantity	M	1	
0640	DTM	Date/time/period	C	2	
0650		**Segment group 19**	**C**	**10**	
0660	RFF	Reference	M	1	
0670	DTM	Date/time/period	C	1	
0680		**Segment group 20**	**C**	**99**	
0690	PAC	Package	M	1	
0700	MEA	Measurements	C	10	
0710	QTY	Quantity	C	5	
0720	DTM	Date/time/period	C	5	
0730		**Segment group 21**	**C**	**10**	
0740	PCI	Package identification	M	1	
0750	GIN	Goods identity number	C	10	
0760		**Segment group 22**	**C**	**999**	
0770	NAD	Name and address	M	1	
0780	LOC	Place/location identification	C	10	
0790	FTX	Free text	C	5	
0800		**Segment group 23**	**C**	**10**	
0810	DOC	Document/message details	M	1	
0820	DTM	Date/time/period	C	1	
0830		**Segment group 24**	**C**	**5**	
0840	CTA	Contact information	M	1	
0850	COM	Communication contact	C	5	
0860		**Segment group 25**	**C**	**10**	
0870	QTY	Quantity	M	1	
0880	DTM	Date/time/period	C	2	
0890		**Segment group 26**	**C**	**10**	
0900	RFF	Reference	M	1	
0910	DTM	Date/time/period	C	1	

POS.	TAG	NAME	ST	REPEATS	
0920		**Segment group 27**	**M**	**999**	
0930	SCC	Scheduling conditions	M	1	
0940		**Segment group 28**	**M**	**999**	
0950	QTY	Quantity	M	1	
0960	DTM	Date/time/period	C	2	
0670		**Segment group 29**	**C**	**10**	
0980	RFF	Reference	M	1	
0990	DTM	Date/time/period	C	1	
1000		**Segment group 30**	**C**	**10**	
1010	TDT	Details of transport	M	1	
1020	DTM	Date/time/period	C	5	
1030	UNT	Message trailer	M	1	

3.3. BRANCHING DIAGRAM

The branching diagram shows the structure of the message. It is a combination of various segments that are organised in a certain hierarchical order.

A segment is a pre-defined set of functionally related values (e.g., segment NAD groups all values that relate to a Party: name - address - etc.)

Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.
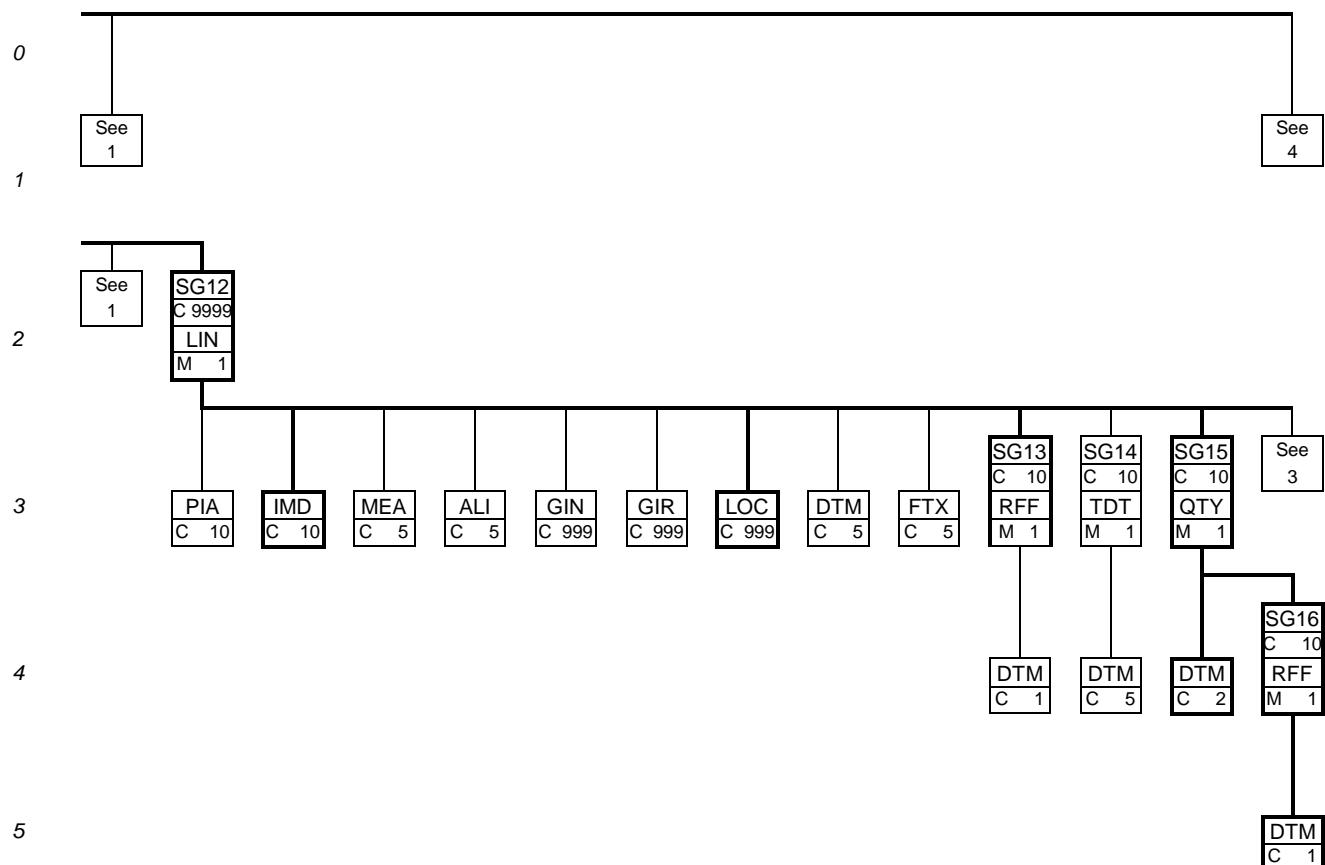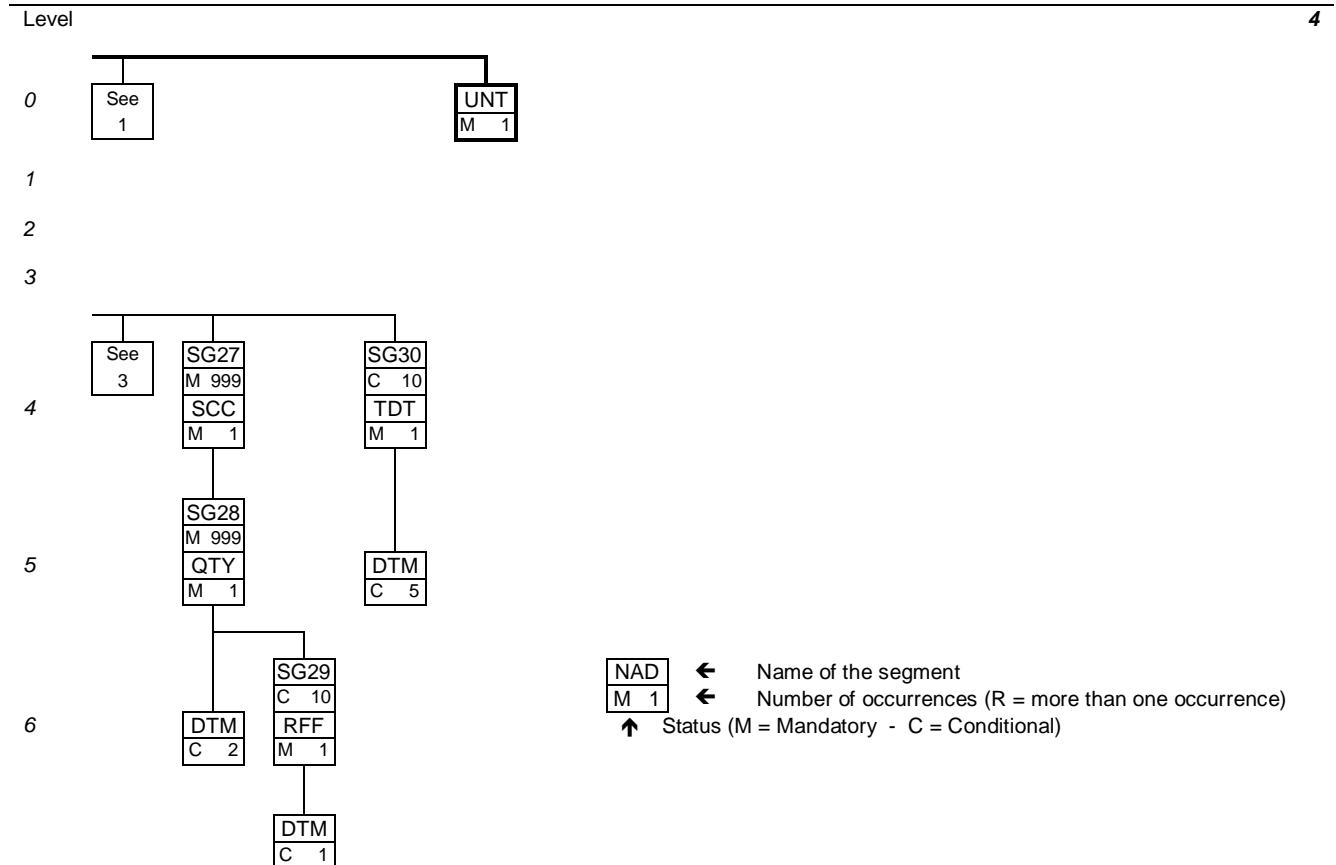
Level **1**

```
0    UNH                                                                    See
     M  1                                                                    4

          SG01  SG02        SG05  SG06
          C  10  C  99       C  10  C 9999
1    BGM  DTM  FTX  RFF  NAD        TDT  GIS
     M  1  M  10 C  5  M  1  M  1    M  1  M  1

                    SG03  SG04        SG07              See
                    C  10  C  5        C  1              2
2         DTM       RFF  CTA   DTM    NAD
          C  1       M  1  M  1  C  5   M  1

                                                  SG08  SG09  SG10  SG11
                                                  C  10  C  10  C  5   C  10
3                    DTM  COM    LOC  FTX  RFF  DOC  CTA  TDT
                     C  1  C  5    C  10 C  5  M  1  M  1  M  1  M  1

                                                  DTM  DTM  COM  DTM
4                                                 C  1  C  10 C  5  C  5
```

Level **2**

```
0    See                                                                    See
     1                                                                       4

1

          SG12
          C 9999
2    See  LIN
     1    M  1

                                                            SG13  SG14  SG15  See
                                                            C  10  C  10  C  10  3
3    PIA  IMD  MEA  ALI  GIN  GIR  LOC  DTM  FTX  RFF  TDT  QTY
     C  10 C  10 C  5  C  5  C 999 C 999 C 999 C  5  C  5  M  1  M  1  M  1

                                                                          SG16
                                                                          C  10
4                                                  DTM  DTM  DTM  RFF
                                                   C  1  C  5  C  2  M  1

5                                                                      DTM
                                                                       C  1
```

Level **3**

Level 4

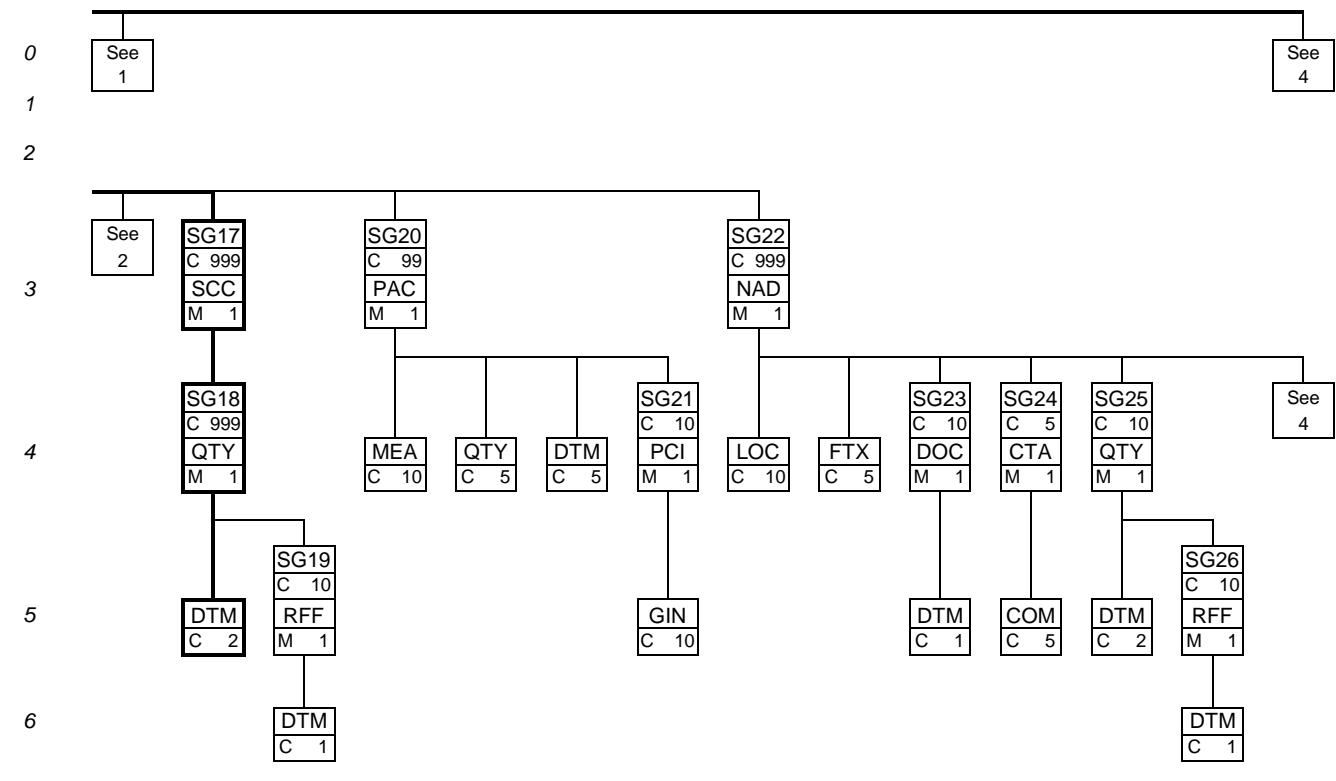| NAD | ← | Name of the segment |
| M 1 | ← | Number of occurrences (R = more than one occurrence) |
| ↑ | Status (M = Mandatory - C = Conditional) | |

3.4. MESSAGE STANDARD DESCRIPTION

This section provides the description of the UN Standard Message DELFOR as defined in the 97.A Directory. Only the segments printed in bold are used in the subset defined by Nexteer and will be further explained in section 3.6.

3.4.1   Header section

Information to be provided in the Header section:

0010 UNH, Message header
A service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR.

0020 BGM, Beginning of message
A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, and change).

0030 DTM, Date/time/period
The DTM segment shall be specified at least once to identify the Delivery schedule message date. This segment can be included to indicate the beginning and the end date of the schedule.

0040 FTX, Free text
A segment with free text in coded or clear form to give further clarification when required. In computer-to-computer exchanges such text will normally require the receiver to process this segment manually.

0050 Segment group 1: RFF-DTM
A group of segments giving references relevant to the whole message, e.g. contract number.

0060 RFF, Reference
A segment for giving references to the whole Delivery schedule message, e.g. contract, original message number (AGO), previous message number (ACW), import or export license.

0070 DTM, Date/time/period
Date or time, or date and time of the reference.

0080 Segment group 2: NAD-SG3-SG4
A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

0090 NAD, Name and address
A segment for identifying names and addresses and their functions relevant for the whole Delivery schedule. The principal parties for the Delivery schedule message shall be identified. The identification of the recipient of the goods must be given in the NAD segment in the detail section.

0100 Segment group 3: RFF-DTM
A group of segments giving references relevant to the party.

0110 RFF, Reference
A segment giving references related to the party.

0120 DTM, Date/time/period
Date/time/period of the reference.

0130 Segment group 4: CTA-COM
A group of segments to identify person, function, or department and appropriate numbers to whom communication should be directed.

0140 CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.

0150 COM, Communication contact
A segment identifying communication types and numbers for the person, function, or department identified in the CTA segment.

0160 Segment group 5: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date/time/period relating to the whole message. This group of segments is used only when the requested mode and means of transport deviates from the norm.

0170   TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport.

0180   DTM, Date/time/period
A segment indicating the date/time/period details relating to the TDT segment.

3.4.2   Detail section

Information to be provided in the Detail section:

0190   Segment group 6: GIS-SG7-SG12
A group of segments providing details on delivery points and products and related information using one of both scheduling methods.

0200   GIS, General indicator
A segment to indicate which method is used by the relevant processing indicator code.

0210   Segment group 7: NAD-LOC-FTX-SG8-SG9-SG10-SG11
A group of segments needed to identify a delivery point and its attached information when the delivery point method is used.

0220   NAD, Name and address
A segment for identifying the consignee.

0230   LOC, Place/location identification
A segment identifying a specific location at the consignee address (e.g. dock, gate,) to which product, as specified in the LIN-Segment groups, should be delivered.

0240   FTX, Free text
A segment with free text in coded or clear form to give further clarification when required. In computer-to-computer exchanges such text will normally require the receiver to process this segment manually.

0250   Segment group 8: RFF-DTM
A group of segments giving references relevant to the consignee.

0260   RFF, Reference
A segment giving references related to the consignee.

0270   DTM, Date/time/period
Date/time/period of the reference.

0280   Segment group 9: DOC-DTM
A group of segments providing information relating to documents required for the consignee.

0290   DOC, Document/message details
A segment describing the documents required for the specified consignee.

0300   DTM, Date/time/period
Date/time/period of documents required.

0310   Segment group 10: CTA-COM
A group of segments to identify a person, function or department at the consignee and appropriate numbers to whom communication should be directed.

0320   CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.

0330   COM, Communication contact
Communication types and numbers for the person, function, or department identified in CTA segment.

0340   Segment group 11: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date and/or time of departure and destination relating to specified delivery point.

0350   TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport.

0360   DTM, Date/time/period
A segment indicating the date/time/period details of departure or arrival relating to the TDT segment.

0370   Segment group 12: LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG13-SG14-SG15-SG17-SG20-SG22
A group of segments providing details of the individual line items for both methods.

0380   LIN, Line item
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.

0390   PIA, Additional product id
A segment providing additional product identification.

0400   IMD, Item description
A segment for describing the product or the service to be delivered.

0410   MEA, Measurements
A segment specifying physical measurements of the item to be delivered in original or unpacked form.

0420   ALI, Additional information
A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.

0430   GIN, Goods identity number
A segment providing identity numbers to be applied to the goods to be delivered, e.g. serial numbers.

0440   GIR, Related identification numbers
A segment providing sets of related identification numbers for a line item, e.g. engine number, chassis number and transmission number for a vehicle.

0450   LOC, Place/location identification
A segment identifying a specific location to which products, as specified in the LIN-Segment group, should be placed after delivery. This function should only be used with the delivery point driven method.

0460   DTM, Date/time/period
Date/time/period associated with the line item, such as the date of the engineering change.

0470   FTX, Free text
A segment with free text in coded or clear form to give further clarification, when required, to the line item to be delivered.

0480   Segment group 13: RFF-DTM
A group of segments giving references related to the line item and where necessary, their dates.

0490   RFF, Reference
A segment for identifying references to the line item, e.g. a contract and its appropriate line item, original message number, previous message number if different per line item.

0500   DTM, Date/time/period
Date/time/period of the reference.

0510   Segment group 14: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date/time/period related to the specified transport details.

0520   TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport of the goods for the specified location.

0530   DTM, Date/time/period
A segment indicating the date/time/period details relating to the TDT segment.

0540   Segment group 15: QTY-DTM-SG16
A group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.

0550   QTY, Quantity
A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.

0560   DTM, Date/time/period
A segment indicating the date/time/period details relating to the quantity.

0570   Segment group 16: RFF-DTM
A group of segments giving references related to the quantity and where necessary, their date.

0580   RFF, Reference
A segment for identifying reference to the quantity, e.g. despatch advice number.

0590   DTM, Date/time/period
Date/time/period of the reference.

0600   Segment group 17: SCC-SG18
A group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery point driven method this segment group provides the schedule for the identified delivery point and product.

0610   SCC, Scheduling conditions
A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

0620   Segment group 18: QTY-DTM-SG19
A group of segments specifying product quantities and associated dates.

0630   QTY, Quantity
A segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.

0640   DTM, Date/time/period
A segment indicating date/time/period details relating to the given quantity.

0650   Segment group 19: RFF-DTM
A group of segments for specifying references associated with the given schedule's quantity and date and where necessary the reference dates.

0660   RFF, Reference
A segment to provide reference for the given schedule's quantity and date.

0670   DTM, Date/time/period
Date/time/period of the reference.

0680   Segment group 20: PAC-MEA-QTY-DTM-SG21
A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item to be delivered.

0690   PAC, Package
A segment specifying the number of package units and the type of packaging for the line item, e.g. pallet.

0700   MEA, Measurements
A segment specifying physical measurements of packages described in the PAC segment, e.g. pallet dimensions.

0710   QTY, Quantity
A segment to specify pertinent quantities relating to the physical units (packages) described in the PAC segment.

0720   DTM, Date/time/period
A segment specifying date/time/period details relating to the physical units (packages) described in the PAC segment, e.g. packaging specification date.

0730   Segment group 21: PCI-GIN
A group of segments identifying markings and labels and if relevant package numbers.

0740   PCI, Package identification
A segment specifying markings and labels used on individual physical units (packages) described in the PAC segment.

0750   GIN, Goods identity number
A segment providing identity numbers to be applied to the packages to be delivered.

0760   Segment group 22: NAD-LOC-FTX-SG23-SG24-SG25-SG27-SG30
A group of segments providing details of the individual delivery points for the given product.

0770   NAD, Name and address
A segment for identifying names and addresses relevant to the delivery point.

0780   LOC, Place/location identification
A segment identifying a specific location at the address (e.g. dock, gate,).
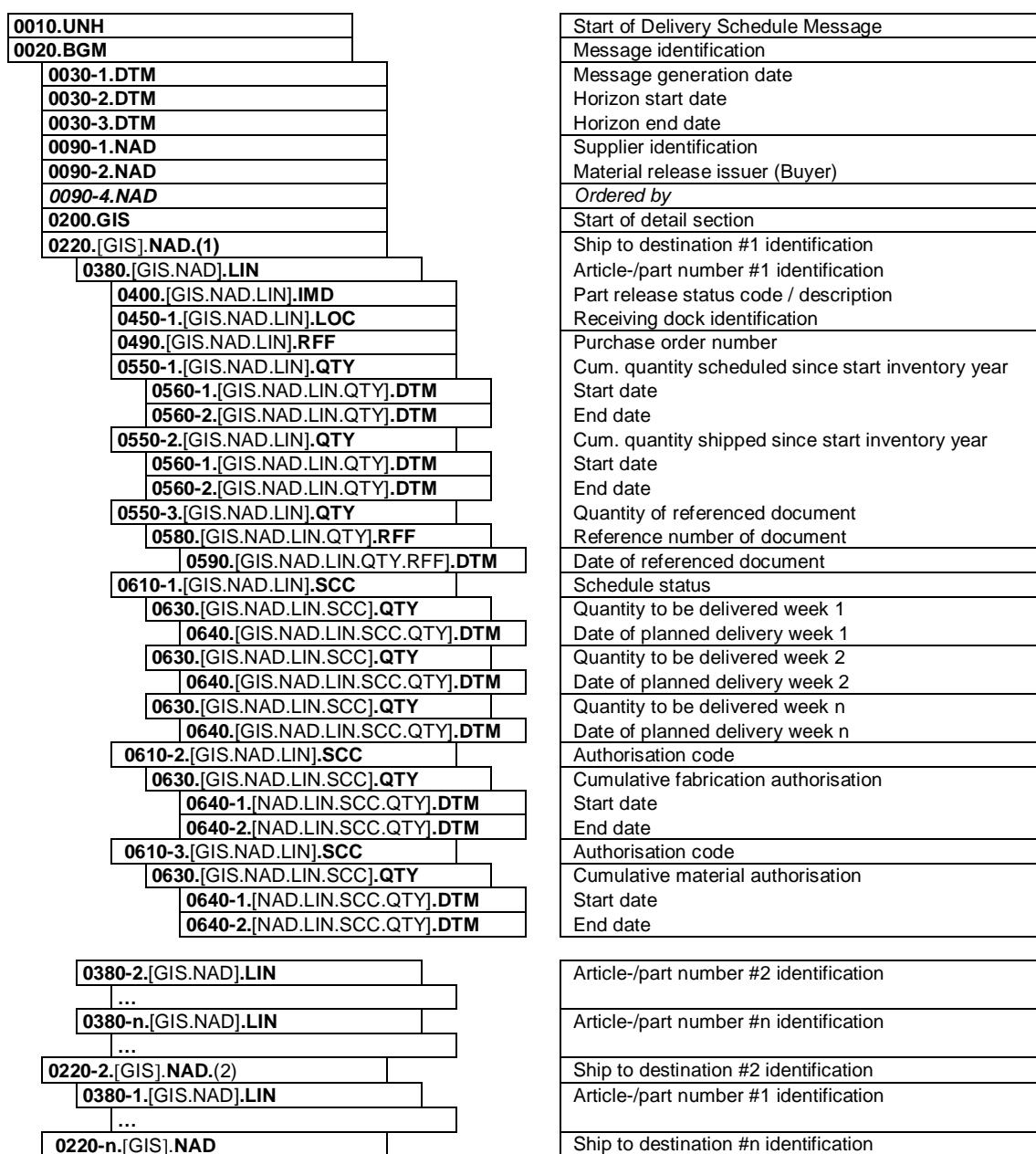
0790   FTX, Free text
A segment with free text in coded or clear form to give further clarification when required.

0800   Segment group 23: DOC-DTM
A group of segments providing information relating to documents required for the delivery point.

0810   DOC, Document/message details
A segment providing information relating to the documents required for specified delivery points.

0820   DTM, Date/time/period
Date/time/period of documents required.

0830   Segment group 24: CTA-COM
A group of segments to identify a person, function or department and appropriate numbers to whom communication should be directed. The information specified in this group is related to the delivery point.

0840   CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.

0850   COM, Communication contact
A segment to identify communication types and numbers for the person, function, or department identified in CTA segment.

0860   Segment group 25: QTY-DTM-SG26
A group of segments specifying product quantities and associated dates and where relevant, references relating to the delivery point.

0870   QTY, Quantity
A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.

0880   DTM, Date/time/period
A segment indicating the date/time/period details relating to the given quantity.

0890   Segment group 26: RFF-DTM
A group of segments giving references related to the quantity and where necessary, their dates.

0900   RFF, Reference
A segment for identifying references to the quantity, e.g. despatch advice number.

0910   DTM, Date/time/period
Date/time/period of the reference.

0920   Segment group 27: SCC-SG28
A group of segments specifying scheduling information detailing quantities and date for the given delivery point. This segment group also specifies references and their associated dates related to the schedule as required for the delivery point.

0930   SCC, Scheduling conditions
A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery schedule for a weekly pattern.

0940   Segment group 28: QTY-DTM-SG29
A group of segments specifying product quantities and associated dates.

0950   QTY, Quantity
A segment to specify pertinent quantities, which may relate to schedule(s) and/or pattern established in the SCC segment, e.g. delivery quantity for a specified date.

0960   DTM, Date/time/period
A segment indicating the date/time/period details relating to the given quantity.

0970   Segment group 29: RFF-DTM
A group of segments for specifying references associated with the given schedule and delivery point and where necessary their dates.

0980   RFF, Reference
A segment to provide references for the given schedules and dates.

0990   DTM, Date/time/period
Date/time/period of the reference.

1000   Segment group 30: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date/time/period relating to the delivery point.

1010   TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport of the goods for the delivery point.

1020   DTM, Date/time/period
A segment indicating the date/time/period relating to the TDT segment.

1030   UNT, Message trailer
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

3.5. MESSAGE STRUCTURE

The message structure illustrates how the segments will be repeated in the Delivery Forecast message to accommodate the requirements identified by Nexteer.

Segment	Description
0010.UNH	Start of Delivery Schedule Message
0020.BGM	Message identification
0030-1.DTM	Message generation date
0030-2.DTM	Horizon start date
0030-3.DTM	Horizon end date
0090-1.NAD	Supplier identification
0090-2.NAD	Material release issuer (Buyer)
0090-4.NAD	*Ordered by*
0200.GIS	Start of detail section
0220.[GIS].**NAD.**(1)	Ship to destination #1 identification
0380.[GIS.NAD].**LIN**	Article-/part number #1 identification
0400.[GIS.NAD.LIN].**IMD**	Part release status code / description
0450-1.[GIS.NAD.LIN].**LOC**	Receiving dock identification
0490.[GIS.NAD.LIN].**RFF**	Purchase order number
0550-1.[GIS.NAD.LIN].**QTY**	Cum. quantity scheduled since start inventory year
0560-1.[GIS.NAD.LIN.QTY].**DTM**	Start date
0560-2.[GIS.NAD.LIN.QTY].**DTM**	End date
0550-2.[GIS.NAD.LIN].**QTY**	Cum. quantity shipped since start inventory year
0560-1.[GIS.NAD.LIN.QTY].**DTM**	Start date
0560-2.[GIS.NAD.LIN.QTY].**DTM**	End date
0550-3.[GIS.NAD.LIN].**QTY**	Quantity of referenced document
0580.[GIS.NAD.LIN.QTY].**RFF**	Reference number of document
0590.[GIS.NAD.LIN.QTY.RFF].**DTM**	Date of referenced document
0610-1.[GIS.NAD.LIN].**SCC**	Schedule status
0630.[GIS.NAD.LIN.SCC].**QTY**	Quantity to be delivered week 1
0640.[GIS.NAD.LIN.SCC.QTY].**DTM**	Date of planned delivery week 1
0630.[GIS.NAD.LIN.SCC].**QTY**	Quantity to be delivered week 2
0640.[GIS.NAD.LIN.SCC.QTY].**DTM**	Date of planned delivery week 2
0630.[GIS.NAD.LIN.SCC].**QTY**	Quantity to be delivered week n
0640.[GIS.NAD.LIN.SCC.QTY].**DTM**	Date of planned delivery week n
0610-2.[GIS.NAD.LIN].**SCC**	Authorisation code
0630.[GIS.NAD.LIN.SCC].**QTY**	Cumulative fabrication authorisation
0640-1.[NAD.LIN.SCC.QTY].**DTM**	Start date
0640-2.[NAD.LIN.SCC.QTY].**DTM**	End date
0610-3.[GIS.NAD.LIN].**SCC**	Authorisation code
0630.[GIS.NAD.LIN.SCC].**QTY**	Cumulative material authorisation
0640-1.[NAD.LIN.SCC.QTY].**DTM**	Start date
0640-2.[NAD.LIN.SCC.QTY].**DTM**	End date
0380-2.[GIS.NAD].**LIN**	Article-/part number #2 identification
…	
0380-n.[GIS.NAD].**LIN**	Article-/part number #n identification
…	
0220-2.[GIS].**NAD.**(2)	Ship to destination #2 identification
0380-1.[GIS.NAD].**LIN**	Article-/part number #1 identification
…	
0220-n.[GIS].**NAD**	Ship to destination #n identification

0380-1.[GIS.NAD]**.LIN**	Article-/part number #1 identification
...	
1030.UNT	End of message

3.6. SERVICE SEGMENTS DESCRIPTION

Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

The UNB, UNH, UNT and UNZ segments are the envelope of any message, enclosing all the data that is being transmitted.

The UNB (Interchange header) and UNZ (Interchange trailer) segments mark respectively the beginning and the end of an interchange thereby providing a unique interchange control reference.

Within the interchange the UNH (message header) and UNT (Message trailer) segments uniquely begin and end the various messages contained in an interchange.

**EXAMPLE OF AN
INTERCHANGE STRUCTURE**
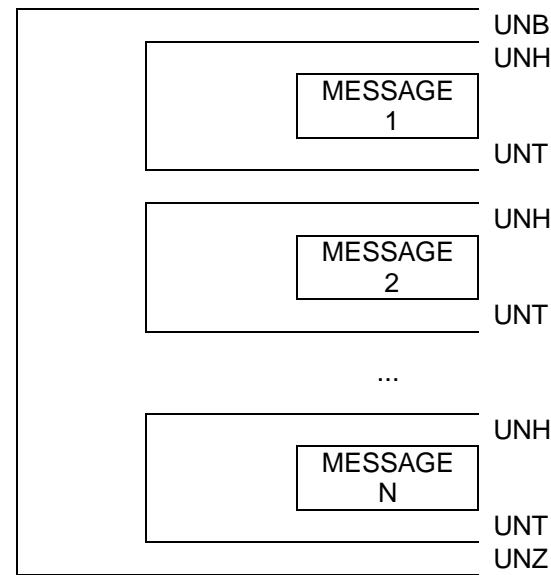
0000   UNB - INTERCHANGE HEADER

Segment Group:	none
EDIFACT status:	mandatory
Maximum use:	1 per interchange
Function	service segment providing the unique identification of an interchange. It allows the identification of the sender and the receiver of the interchange, gives date and time of preparation as well as the interchange control reference and the application reference.
Nexteer interchange:	see remarks.

Level:	0
Nexteer status:	mandatory
Nexteer occurrences:	1 per interchange

Example: **UNB+UNOA:2+NEXTEERMX:ZZ+41933707YK:ZZ+150616:0338+221**

      A   B   C   D   E   F   G

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	S001	*SYNTAX IDENTIFIER*	M			M		
A	0001	Syntax identifier	M	a4	:	M	a4	"**UNOA**".
B	0002	Syntax version number	M	n1	+	M	n1	Indication of the syntax version used for this message.
	S002	*INTERCHANGE SENDER*	M			M		
C	0004	Sender identification	M	an..35	:	M	an..35	Communication code/mailbox number of the party originating the message.
	0007	Identification code qualifier	C	an..4	:			
	0008	Address for Reverse Routing	C	an..14	+			
	S003	*INTERCHANGE RECIPIENT*	M			M		
D	0010	Recipient identification	M	an..35	:	M	an..35	Communication code/mailbox number of the party receiving the message.
	0007	Identification code qualifier	C	an..4	:			
	0014	Routing address	C	an..14	+			
	S004	*DATE / TIME OF PREPARATION*	M			M		
E	0017	Date of preparation	M	n6	:	M	n6	YYMMDD format
F	0019	Time of preparation	M	n4	+	M	n4	HHMM format
G	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	+	M	an..14	The ICR number is **UNIQUE** and should be sequential.
	S005	*RECIPIENTS REFERENCE PASSWORD*	C					
	0022	Recipient's reference / password	M	an..14	:			
	0025	Recipient's reference / password qualifier	C	an2	+			
	0026	APPLICATION REFERENCE	C	an..14	+	C	an..14	
	0029	PROCESSING PRIORITY CODE	C	a1	+			
	0031	ACKNOWLEDGEMENT REQUEST	C	n1	+			
	0032	COMMUNICATIONS AGREEMENT ID	C	an..35	+			
	0035	TEST INDICATOR	C	n1	'	C	n1	Will be sent during testing

Note: Century is not used in tag 0017, 0019

0010   UNH - MESSAGE HEADER

Segment group:	none	Level:	0
EDIFACT status:	mandatory.	Nexteer status:	mandatory.
Maximum use:	1 per message.	Nexteer occurrences:	1 per message.

Function: service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR.

Nexteer interchange: see remarks.

Example: **UNH+22100001+DELFOR:D:97A:UN**
                       A   B   C D E

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	0062	MESSAGE REFERENCE NUMBER	M	an..14	+	M	an..14	Message Control number assigned by the sender to the message. See comments below.
B	S009	*MESSAGE IDENTIFIER*	M			M		
	0065	Message type	M	an..6	:	M	an..6	"**DELFOR**".
C	0052	Message version number	M	an..3	:	M	an..3	"**D**".
D	0054	Message release number	M	an..3	:	M	an..3	"**97A**".
E	0051	Controlling agency	M	an..2	:	M	an..2	"**UN**".
	0057	Association assigned code	C	an..6	+			
	0068	COMMON ACCESS REFERENCE	C	an..35	+			
	S010	*STATUS OF TRANSFER*	C					
	0070	Sequence of transfer	M	n..2	:			
	0073	First and last transfer	C	a1	'			

COMMENTS

0062 - Message Reference Number

The Message Reference number used by Nexteer is structured as follows:

First message:	**1**
Second message:	**2**
Up to:	**9999**

1030   UNT - MESSAGE TRAILER

Segment group: none	Level: 0
EDIFACT status: mandatory	Nexteer status: mandatory
Maximum use: 1 per message	Nexteer occurrences: 1 per message

Function: service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Nexteer interchange: see remarks.

Example: **UNT+65+1'**
                        A   B

REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	ST	FT	Nexteer IMPLEMENTATION REMARKS
A	0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6		M	n..6	Control count of the number of segments in the message, including UNH and UNT.
B	0062	MESSAGE REFERENCE NUMBER	M	an..14		M	an..14	Number must be identical to UNH - tag 0062

1040   UNZ - INTERCHANGE TRAILER

Segment Group: none	Level: 0
EDIFACT status: mandatory	Nexteer status: mandatory
Maximum use: 1	Nexteer occurrences: 1 per interchange

Function: service segment ending an interchange and giving the number of messages contained in the interchange as well as the Interchange Control Reference number.

Nexteer interchange: see remarks.

Example: **UNZ+1+242'**
                        A   B

REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	ST	FT	Nexteer IMPLEMENTATION REMARKS
A	0036	INTERCHANGE CONTROL COUNT	M	n..6	+	M	n..6	Number of messages in an interchange.
B	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	'	M	an..14	Value must be the same as 0020 - Interchange Control Reference in UNB.

3.7. DATA SEGMENTS DESCRIPTION

This part includes only the segments defined in the standard and used in the subset exchanged between Nexteer and its Trading Partners. The segments are described in the same sequence as they appear in the message.

0020   NEXTEER- BEGINNING OF MESSAGE

Segment group: none
Level: 1
EDIFACT status: mandatory
Nexteer status: mandatory
Maximum use: 1 per message
Nexteer occurrences: 1 per message
Function: segment for the unique identification of the delivery schedule document, by means of its name and its number.
Nexteer interchange: see remarks.

Example: **BGM+241+20150615-002+9**
                A   B   C

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	C002	*DOCUMENT/MESSAGE NAME*	C			C		
	1001	Document/message name, coded	C	an..3	:	M	an..3	"**241**" = Delivery Schedule. This means that the quantities must be planned for shipment during the week indicated. Actual shipping authorization will be provided by a DELJIT message.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	1000	Document/message name	C	an..35	+			
B	C106	*DOCUMENT/MESSAGE IDENTIFICATION*	C					
	1004	Document/message number	C	an..35	:	M	an..35	Nexteer assigned release number.
	1056	Version	C	an..9	:			
	1060	Revision number	C	an..6	+			
C	1225	MESSAGE FUNCTION, CODED	C	an..3	+	M	an..3	Function of the message. For code value see below.
	4343	RESPONSE TYPE, CODED	C	an..3	'			

CODE VALUES

1225 - Message Function, coded

5   Replace
              This schedule replaces the previous schedule.
9   Original

0030   DTM - DATE/TIME/PERIOD

Segment group:	none	Level:	1
EDIFACT status:	mandatory	Nexteer status:	mandatory
Maximum use:	10 per message at level 1	Nexteer occurrences:	max. 3 per message

Function: 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.

Nexteer interchange: there may be up to 2 occurrences of DTM in position 0030: one to specify the horizon start date and one for the horizon end date.

Example: **DTM+158:20150101:102**   Document generation
           DTM+159:20160606:102   Horizon start
           DTM+137:201506152135:203   Horizon end
                   A   B   C

			EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION	
REF	TAG		NAME	ST	FT	SP	ST	FT	REMARKS

Document Generation date.   **Mandatory: Always transmitted**

	C507	*DATE/TIME/PERIOD*		M			M		
A	2005	Date/time/period qualifier		M	an..3	:	M	an..3	"**137**" = Document message date/time.
B	2380	Date/time/period		C	an..35	:	M	an..35	Actual issue date/time of the document.
C	2379	Date/time/period format qualifier		C	an..3	'	M	an..3	"**203**" = CCYYMMDDHHMM.

Horizon start date.   **Mandatory: Always transmitted**

	C507	*DATE/TIME/PERIOD*		M			M		
A	2005	Date/time/period qualifier		M	an..3	:	M	an..3	"**158**" = Horizon start date.
B	2380	Date/time/period		C	an..35	:	M	an..35	Start date of planning horizon.
C	2379	Date/time/period format qualifier		C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

Horizon end date.   **Mandatory: Always transmitted**

	C507	*DATE/TIME/PERIOD*		M			M		
A	2005	Date/time/period qualifier		M	an..3	:	M	an..3	"**159**" = Horizon end date.
B	2380	Date/time/period		C	an..35	:	M	an..35	End date of planning horizon.
C	2379	Date/time/period format qualifier		C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

Segment group 2: NAD-SG3-SG4

Segment group:	2 [SG2]	Level:	1
EDIFACT status:	conditional	Nexteer status:	mandatory
Maximum use:	99 per message at level 1	Nexteer occurrences:	max. 4 per message
Function:	group of segments identifying names, addresses, locations, and contacts relevant to the whole Delivery Schedule.		
Nexteer interchange:	see segment description.		

0090   NAD - NAME AND ADDRESS

Segment group:	2 [NAD]	Level:	1
EDIFACT status:	mandatory if segment group 2 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 2 (max. 99)	Nexteer occurrences:	1 per segment group 2
Function:	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 detail section.		
Nexteer interchange:	the message may contain maximum 4 NAD's in position 0060 as detailed below. Nexteer will always transmit 3 occurrences.		

Example: **NAD+MI+005356878::16'**   Material issuer (DUNS)
             NAD+SU+999123456::16++SUPPLIER NAME'   Supplier
             NAD+SF+999654321::16'   Ship From
                     A   B   C   D

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		Supplier						**Mandatory: always transmitted**
A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	SU = Supplier.
	C082	*PARTY IDENTIFICATION DETAILS*	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the issuer of the planning schedule. For code values see below.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	*NAME AND ADDRESS*	C					
	3124	Name and address line	M	an..35	:			
	3124	Name and address line	C	an..35	:			
	3124	Name and address line	C	an..35	:			
	3124	Name and address line	C	an..35	:			
	3124	Name and address line	C	an..35	+			
	C080	*PARTY NAME*	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
	3036	Party name	C	an..35	:			
	3036	Party name	C	an..35	:			
	3036	Party name	C	an..35	:			
	3036	Party name	C	an..35	:			
	3045	Party name format, coded	C	an..3	+			
	C059	*STREET*	C					
	3042	Street and number/P.O. box	M	an..35	:			
	3042	Street and number/P.O.. box	C	an..35	:			
	3042	Street and number/P.O.. box	C	an..35	:			
	3042	Street and number/P.O.. box	C	an..35	+			
	3164	CITY NAME	C	an..35	+			
	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	+			
	3251	POSTCODE IDENTIFICATION	C	an..9	+			
	3207	COUNTRY, CODED	C	an..3	"			

0090   NAD - CONTINUED

Planning schedule/material release issuer (buyer).   **Mandatory: always transmitted**

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**MI**" = Material issuer.
	C082	*PARTY IDENTIFICATION DETAILS*	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the supplier.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	*NAME AND ADDRESS*	C					
	C080	*PARTY NAME*	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
		REST OF SEGMENT NOT USED.						

Ship From location   **Optional: not always transmitted**

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**SF**" = Ship From.
	C082	*PARTY IDENTIFICATION DETAILS*	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the ship from location.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	*NAME AND ADDRESS*	C					
	C080	*PARTY NAME*	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
		REST OF SEGMENT NOT USED.						

CODE VALUES

3039 - Party Id. Identification

Individual notification by the implementation plant

Material Issuer DUNS:

US = **005356878**

Mexico

265 = 812392157

266 = 812563302

268 = 812138881

NOTE: The SU value for our Mexico locations, will be the PO/Home Office DUNS only.

3055 - Code List Responsible Agency, coded

16   DUN & Bradstreet (DUNS) - (currently used by Nexteer with 9 digits)
92   Assigned by buyer

Segment group 6: GIS-SG7-SG12

Segment group:	6 [SG6]	Level:	1
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	9999 per message	Nexteer occurrences:	max. 9999 per message
Function:	group of segments providing details on delivery points and products and related information using one of both scheduling methods.		

Nexteer interchange: see segment description.

Conditional on existence of general indicator

0200   GIS - GENERAL INDICATOR

Segment group:	6 [GIS]	Level:	1
EDIFACT status:	mandatory if segment group 6 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 6	Nexteer occurrences:	1 per segment group 6
Function:	segment to indicate which method is used by the relevant processing indicator code.		

Nexteer interchange: see remarks.

Example: **GIS+37'**
           A

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	C529	*PROCESSING INDICATOR*	M			M		
	7365	Processing indicator, coded	M	an..3	:	M	an..3	For code value see below.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3				
	7187	Process type identification	C	an..17	'			

CODE VALUES

7365 - Processing indicator, coded

37	Complete information

Segment group 7: NAD-LOC-FTX-SG8-SG9-SG10-SG11

Segment group:	7 [GIS.SG7]	Level:	2
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	1 per segment group 6	Nexteer occurrences:	1 per segment group 6

Function: group of segments needed to identify a delivery point and its attached information when the delivery point method is used

Nexteer interchange: see segment description.

Conditional on use of SG6

0220   NAD - NAME AND ADDRESS

Segment group:	7 [GIS.NAD]	Level:	2
EDIFACT status:	mandatory if segment group 7 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 7	Nexteer occurrences:	1 per segment group 7

Function: segment for identifying names and addresses and their functions relevant to the delivery point. All other segments in this segment group 7 following the NAD segment refer to that delivery point.

Nexteer interchange: see remarks.

Example: **NAD+ST+268::16++STEERINGMEX DE RL DE CV - PLANT 68**
           A   B   C   D

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"**ST**" = Ship To.
	C082	*PARTY IDENTIFICATION DETAILS*	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the plant where the material must be delivered. For code value see below.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	*NAME AND ADDRESS*	C					
	3124	Name and address line	M	an..35	:			
	3124	Name and address line	C	an..35	+			
D	C080	*PARTY NAME*	C			C		
	3036	Party name	M	an..35	:	M	an..35	Name of the party.
	3036	Party name	C	an..35	:			
	3036	Party name	C	an..35	:			
	3045	Party name format, coded	C	an..3	+			
	C059	*STREET*	C					
	3042	Street and number/P.O.. box	M	an..35	:			
	3042	Street and number/P.O.. box	C	an..35	+			
	3164	CITY NAME	C	an..35	+			
	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	+			
	3251	POSTCODE IDENTIFICATION	C	an..9	+			
	3207	COUNTRY, CODED	C	an..3	"			

CODE VALUES

3039 - Party Id. Identification

 Will contain a vendor or customer number (max. of 16 characters). The corresponding delivery address can be obtained from your Nexteer Supplier contract.

3055 - Code List Responsible Agency, coded

16   DUN & Bradstreet (DUNS)
92   Assigned by buyer - should be this in above example for Mexico

Segment group 10: CTA-COM

Segment group:	10 [SEQ.LIN.LOC.SG10]	Level:	4
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	5 per LOC in segment group 9	Nexteer occurrences:	1 per preceding LOC

Function: group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.

Nexteer interchange: CTA-COM group will be used only for contact information on Nexteer material planner. See segment description.

0320 CTA - CONTACT INFORMATION

Segment group:	10 [SEQ.LIN.LOC.CTA]	Level:	4
EDIFACT status:	mandatory if segment group 10 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 10 (max. 5 per LOC)	Nexteer occurrences:	1 per segment group 10

Function: segment to identify person, function, and department to whom communication should be directed.

Nexteer interchange: see remarks.

Example: **CTA+IC+:JOE EDI'**
                   A   C

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	3139	CONTACT FUNCTION, CODED	C	an..3	+	C	an..3	"**IC**" = Information contact.
	C056	*DEPT OR EMPLOYEE DETAILS*	C			C		
B	3413	Department or employee identification	C	an..17	:	C	an..17	Code of the party, described in Data Element 3412. Will be email address
C	3412	Department or employee	C	an..35	'	C	an..35	Name of the Contact Party.

0330 COM - COMMUNICATION CONTACT

Segment group:	10 [SEQ.LIN.LOC.CTA.COM]	Level:	5
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	5 per CTA in segment group 10	Nexteer occurrences:	max. 3 per CTA

Function: segment to identify communication types and numbers for person, function, department identified in CTA.

Nexteer interchange: see remarks.

Example: **COM+9897575544:TE'**

           COM+john.smith.nexteer.com:EM'
                   A   B

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C076	*COMMUNICATION CONTACT*	M			M		
A	3148	Communication number	M	an..512	:	M	an..512	Communication number for the communication means identified in 3155 and to be used in connection with the Information contact identified in the CTA.
B	3155	Communication number qualifier	C	an..3	'	M	an..3	Identification of the communication means. For code value see below.

CODE VALUES

3155 - Communication number, qualifier

TE   Telephone.
EM   E-Mail

Segment group 12: LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG13-SG14-SG15-SG17-SG20-SG22

Segment group:	12 [GIS.SG12]	Level:	2
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	9999 per GIS in segment group 06	Nexteer occurrences:	max. 9999 per SG6

Function: group of segments providing details of the individual line items for the specified delivery point.
Nexteer interchange: see segment description.
Conditional on use of SG6 segment

0380   LIN - LINE ITEM

Segment group:	12 [GIS.LIN]	Level:	2
EDIFACT status:	mandatory if segment group 12 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 12 (max. 9999 per GIS)	Nexteer occurrences:	1 per segment group 12

Function: 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.
Nexteer interchange: see remarks.

Example: **LIN+++26133861:IN**   Nexteer part number
             A   B

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	1082	LINE ITEM NUMBER	C	n..6	+			
	1229	ACTION REQUEST/ NOTIFICATION, CODED	C	an..3	+			
A	C212	*ITEM NUMBER IDENTIFICATION*	C			M		
B	7140	Item number	C	an..35	:	M	an..35	Nexteer assigned part number.
	7143	Item number type, coded	C	an..3	:	M	an..3	"**IN**" = Buyer's item number.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C829	*SUB-LINE INFORMATION*	C					
	5495	Sub-line indicator, coded	C	an..3	:			
	1082	Line item number	C	an..6	+			
	1222	CONFIGURATION LEVEL	C	n..2	+			
	7083	CONFIGURATION, CODED	C	an..3	'			

0400 IMD - ITEM DESCRIPTION

Segment group:	12 [GIS.LIN.IMD]
EDIFACT status:	conditional
Maximum use:	10 per LIN in segment group 12

Level:	3
Nexteer status:	conditional
Nexteer occurrences:	1 per segment group 12

Function: segment for describing the product or the service to be delivered.
Nexteer interchange: see remarks.
Conditional on need for item description

Example: **IMD+++:::RETAINER, STRG SHAFT**
                           A

			EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	**TAG**	**NAME**	**ST**	**FT**	**SP**	**ST**	**FT**	**REMARKS**	
	7077	ITEM DESCRIPTION TYPE, CODED	C	an..3	+				
	7081	ITEM CHARACTERISTIC, CODED	C	an..3	+				
	C273	*ITEM DESCRIPTION*	C						
	7009	Item description identification	C	an..17	:				
	1131	Code list qualifier	C	an..3	:				
	3055	Code list responsible agency, coded	C	an..3	:				
A	7008	Item description	C	an..35	:	C	an..35	Clear text description of the part defined in the preceding LIN.	
	7008	Item description	C	an..35	:				
	3453	Language, coded	C	an..3	+				
	7383	SURFACE/LAYER INDICATOR, CODED	C	an..3	'				

0450   LOC - PLACE/LOCATION IDENTIFICATION

Segment group:	12 [GIS.LIN.LOC]
EDIFACT status:	conditional
Maximum use:	999 per LIN in segment group 12 12

Level:	3
Nexteer status:	conditional
Nexteer occurrences:	max. 2 per segment group

Function: segment identifying a specific location to which products, as specified in the LIN-Segment group, should be delivered.

Example: **LOC+11+268**   Receiving dock
            LOC+159+0001'   Material handling code
                    A   B

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
		Receiving dock identification.				**Mandatory: always transmitted**		
A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	M	an..3	"**11**" = Place/port of discharge.
	C517	*LOCATION IDENTIFICATION*	C			C		
B	3225	Place/location identification	C	an..25	:	C	an..25	Code identifying the receiving dock at the plant.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3224	Place/location	C	an..70	+			
		Line feed location identification / Material Handling Code.				**Optional**		
A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	M	an..3	"**159**" = Additional internal destination.
	C517	*LOCATION IDENTIFICATION*	C			C		
B	3225	Place/location identification	C	an..25	:	C	an..25	Code identifying either the assembly line feed location at the plant or the material handling code.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3224	Place/location	C	an..70	+			

Segment group 13: RFF-DTM

Segment group:	13 [GIS.LIN.SG13]
EDIFACT status:	conditional
Maximum use:	10 per LIN in segment group 12
Function:	group of segments giving references related to the line item and where necessary, their dates.
Nexteer interchange:	see segment description.

Level: 3
Nexteer status: conditional
Nexteer occurrences: 1 per segment group 12

Conditional on use of SG12

0490　　　RFF - REFERENCE

Segment group:	13 [GIS.LIN.RFF]
EDIFACT status:	mandatory if segment group 13 is used
Maximum use:	1 per segment group 13 (max. 10)
Function:	segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.
Nexteer interchange:	see remarks.
Example:	**RFF+ON:90I12345'**

　　　　　　　　　　　　　　　A　　　　B

REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	ST	FT	Nexteer IMPLEMENTATION REMARKS
	C506	*REFERENCE*	M			M		
A	1153	Reference qualifier	M	an..3	:	M	an..3	Identification of the communication means. For code value see below.
B	1154	Reference number	C	an..35	:	C	an..35	Number of the Purchase Order (Scheduling Agreement) relevant for the article defined in the preceding LIN.
	1156	Line number	C	an..6	:	C	an..6	Item Line Number on the Purchase Order – Mexico Delfors only
	4000	Reference version number	C	an..35	'			

CODE VALUES

1153 - Communication number, qualifier

ON　　　　　Order Number

Use of segment groups 15 and 17 in message from Nexteer

Segment groups 15 and 17 are used to provide 6 different kinds of quantity information, i.e.:

CALCULATION INFORMATION
cumulative quantity required   [qualifier 6063 = 79/3]   SG16

REQUIREMENTS INFORMATION
quantity to be shipped   [qualifier 6063 = 1]   SG17

AUTHORISATION INFORMATION
cumulative fabrication authorisation   [qualifier 6063 = 3]   SG17
cumulative material authorisation   [qualifier 6063 = 3]   SG17

Each use of segment group 15 and 17 is described separately in the following pages.

CALCULATION INFORMATION

Segment group 15: QTY-DTM-SG16

Segment group:	15 [GIS.LIN.SG15]	Level:	3
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	10 per LIN in segment group 12	Nexteer occurrences:	max.10 per segment group
	12		
Function:	group of segments specifying product quantities and associated dates not related to schedules and where relevant references.		
Nexteer interchange:	see description of different occurrences of segment group 15.		

SEGMENT GROUP 15
CUMULATIVE QUANTITY REQUIRED

0550.[GIS.LIN].**QTY**	Cumulative quantity required since start of inventory year
0560.[GIS.LIN.QTY.**DTM**	Cumulative calculation period start date
0560.[GIS.LIN.QTY].**DTM**	Cumulative calculation period end date

0550   QTY - QUANTITY

Segment group:	15 [QTY.DTM.SG16]	Level:	4
EDIFACT status:	mandatory if segment group 16 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 15 (max. 999 per SCC)	Nexteer occurrences:	1 per segment group 15
Function:	segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.		
Nexteer interchange:	see remarks.		

Example: **QTY+79:100800:PC'**
                A   B   C

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	C186	*QUANTITY DETAILS*	M			M		
	6063	Quantity qualifier	M	an..3	:	M	an..3	"79" = Actual cumulative quantity required by Nexteer.
B	6060	Quantity	M	n..15	:	M	n..12	Cumulative quantity requierd since start of inventory year by this supplier to this plant.
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation no. 20.

COMMENTS

6060 – Quantity

Supplier payment made against Nexteer Quantity Received and not Supplier Quantity Shipped.

0560   DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

Example: **DTM+51:20030301:102'**   Start date
                  DTM+52:20030331:102'   End date
                  A   B   C

REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	ST	FT	Nexteer IMPLEMENTATION REMARKS
Start date								
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**51**" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.
End date								
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**52**" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Last date of the authorisation
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

SEGMENT GROUP 15

CUMULATIVE QUANTITY RECEIVED

0520.[GIS.LIN].**QTY**	Cumulative quantity received since start of inventory year
0530.[GIS.LIN.QTY.**DTM**	Cumulative calculation period start date
0530.[GIS.LIN.QTY].**DTM**	Cumulative calculation period end date

---

0550   QTY - QUANTITY

Segment group: 15 [QTY.DTM.SG16]   Level: 4
EDIFACT status: mandatory if segment group 16 is used   Nexteer status: mandatory
Maximum use: 1 per segment group 15 (max. 999 per SCC)   Nexteer occurrences: 1 per segment group 15
Function: segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
Nexteer interchange: see remarks.

Example: **QTY+3:100800:PC'**
                  A   B   C

REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	ST	FT	Nexteer IMPLEMENTATION REMARKS
	C186	*QUANTITY DETAILS*	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"**3**" = Actual cumulative quantity received.
B	6060	Quantity	M	n..15	:	M	n..12	Cumulative quantity of the part identified in the preceding LIN, shipped since start of inventory year by this supplier to this plant.
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation no. 20.

COMMENTS

6060 – Quantity

Supplier payment made against Nexteer Quantity Received and not Supplier Quantity Shipped.

0560   DTM - DATE/TIME/PERIOD

Description:	see quantity information 1.
Example:	**DTM+51:20030301:102'** Start date
	DTM+52:20030331:102' End date
	A B C

		EDIFACT STANDARD DEFINITION					Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS	

Start date

REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**51**" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

End date

REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**52**" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Last date of the authorisation
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

Segment group 16: RFF-DTM

Segment group:	16	Level:	4
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	10 per message at level 1	Nexteer occurrences:	1 per message
Function:	group of segments giving references only relevant to the specified party rather than the whole message, e.g. contract number.		
Nexteer interchange:	only RFF is transmitted in segment group 16. Sent only if previous delivery is to be referenced		

0580   RFF - REFERENCE

Segment group:	16 [RFF.DTM]	Level:	3
EDIFACT status:	mandatory if segment group 1 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 1 (max. 10)	Nexteer occurrences:	1 per segment group 1
Function:	segment for referencing documents to the whole message, e.g. contract, import/export license.
Nexteer interchange:	see remarks.

Example: **RFF+SI:123455'**
                         A   B

REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	ST	FT	Nexteer IMPLEMENTATION REMARKS
	C506	*REFERENCE*	M			M		
A	1153	Reference qualifier	M	an..3	:	M	an..3	"**SI**" = Shipper Identification.
B	1154	Reference number	C	an..35	:	C	an..35	This number is the reference supplier Delivery Note number of the last delivery received.
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

0590   DTM - DATE/TIME/PERIOD

Segment group:	16 [RFF.DTM]	Level:	3
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	2 per QTY in segment group 16 16	Nexteer occurrences:	max. 2 per segment group 16
Function:	segment indicating date/time/period details relating to the given quantity.
Nexteer interchange:	see remarks.
Condition – not transmitted

Example: **DTM+11:20030312:102'**   End date
                         A   B   C

REF	TAG	EDIFACT STANDARD DEFINITION NAME	ST	FT	SP	ST	FT	Nexteer IMPLEMENTATION REMARKS
Last recorded shipment date								
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**11**" = Despatch Date/Time.
B	2380	Date/time/period	C	an..35	:	M	an..35	Date of the last ASN received for this part. In case there is no ASN the Receiving System's date will be inserted.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

Note: For initial forecast transmission, will reflect system date and time.

NOTE: We will no longer be transmitting this RFF:SI and DTM for the last delivery received for Mexico DELFORS

REQUIREMENT INFORMATION

Segment group 17: SCC-SG18

Segment group:	17 [GIS.LIN.SG17]	Level:	3
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	999 per LIN in segment group 12	Nexteer occurrences:	max. 999 per SG12

Function: group of segments specifying the schedule information for the product identified in the LIN segment. This segment group provides the schedule for the identified delivery point and product.

Nexteer interchange: see description of different occurrences of segment group 17.

SEGMENT GROUP 17

QUANTITY TO BE DELIVERED.

0610.[GIS.LIN].**SCC**	Schedule status & delivery frequency
0630.[GIS.LIN.SCC].**QTY**	Quantity to be delivered
0640.[GIS.LIN.SCC.QTY].**DTM**	Delivery date/time

0610   SCC - SCHEDULING CONDITIONS

Segment group:	17 [GIS.LIN.SCC]	Level:	3
EDIFACT status:	mandatory if segment group 17 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 17	Nexteer occurrences:	1 per segment group 17

Function: segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

Nexteer interchange: Nexteer will transmit up to 52 weeks which may consist of 2 weeks daily quantites, 10 weeks of weekly quantities and up to 9 monthly quantities.

Example:	**SCC+1++D'**	Daily quantities
	SCC+4++W'	Weekly quantities
	SCC+4++M'	Monthly planning quantities
	A B	

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	Code value qualifying the quantity defined in the following QTY. For code value see below.
	4493	DELIVERY REQUIREMENTS, CODED	C	an..3	+			
B	C329	*PATTERN DESCRIPTION*	C			C		
	2013	Frequency, coded	C	an..3	:	C	an..3	Definition of the time unit for the quantity defined in the preceding QTY. For code value see below.
	2015	Despatch pattern, coded	C	an..3	:	C	an..3	
	2017	Despatch pattern timing, coded	C	an..3	'			

CODE VALUES

4017 - Delivery Plan Status Indicator, coded

1	Firm quantity
4	Planning quantity

2013 - Frequency, coded

D	Daily (10 days)
W	Weekly (10 weeks)
M	Monthly (9 months)

Segment group 18: QTY-DTM-SG19

Segment group:	18 [GIS.LIN.SCC.SG17]	Level:	4
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	999 per SCC in segment group 17	Nexteer occurrences:	max. 999 per SG17
Function:	group of segments specifying product quantities and associated dates.
Nexteer interchange:	see description of different occurrences of segment group 17.

0630   QTY - QUANTITY

Segment group:	18 [GIS.LIN.SCC.QTY]	Level:	4
EDIFACT status:	mandatory if segment group 18 is used	Nexteer status:	mandatory
Maximum use:	1 per segment group 18 (max. 999 per SCC)	Nexteer occurrences:	1 per segment group 18
Function:	segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
Nexteer interchange:	see remarks.
Example:	**QTY+1:33600:PC'**

A   B   C

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	*QUANTITY DETAILS*	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"**1**" = Discrete Quantity.
B	6060	Quantity	M	n..15	:	M	n..15	Forecasted quantity for the time period defined by the preceding SCC.
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

Note: We will be providing a past due qty where the DTM will be from a previous date. This value is provided by taking the Cum required and subtracting the cum received. We <u>do not</u> take into consideration the In-Transit qty. This value is for your information only and you may calculate your own past due using your total cum and shipment information.

QTY+1:10500:PC
DTM+10:20150613:102

0640   DTM - DATE/TIME/PERIOD

Segment group:	18 [GIS.LIN.SCC.QTY.DTM]	Level:	5
EDIFACT status:	conditional	Nexteer status:	conditional
Maximum use:	2 per QTY in segment group 18 18	Nexteer occurrences:	max. 2 per segment group
Function:	segment indicating date/time/period details relating to the given quantity.
Conditional on timing estimate

| Example: | **DTM+10:20030324:102'** | | | | | | | Always |
| | A   B   C |

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

1st occurrence: always *(SCC 2013 = W or F).*

	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**10**" = Shipment date/time, requested.
	2380	Date/time/period	C	an..35	:	M	an..35	Monday of the week/period associated with the quantity defined in the preceding QTY.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

AUTHORIZATION INFORMATION

SEGMENT GROUP 17	
	CUMULATIVE FABRICATION AUTHORIZATION

0610.[GIS.LIN].**SCC**	Cumulative fabrication authorization quantity
0630.[GIS.LIN.SCC].**QTY**	Authorisation code
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period start date
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period end date

0610   SCC - SCHEDULING CONDITIONS

Description: see quantity information 1.

Example: **SCC+2'**
                                  A

EDIFACT STANDARD DEFINITION						Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	"**2**" = Commitment for manufacturing and material. (Fabrication Authorization)
		REST OF SEGMENT NOT USED.						

0630   QTY - QUANTITY

Description: see quantity information 1.

Example: **QTY+3:168000:PC'**
                                  A   B   C

EDIFACT STANDARD DEFINITION						Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	*QUANTITY DETAILS*	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"**3**" = Cumulative quantity.
B	6060	Quantity	M	n..15	:	M	n..15	Cumulative fabrication authorisation quantity for the period defined in the following DTM's
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

0640   DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

Example: **DTM+51:20030301:102'**   Start date
                     DTM+52:20030331:102'   End date
                          A   B   C

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Start date

REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**51**" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

End date

REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**52**" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Last date of the authorisation
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

SEGMENT GROUP 17	
CUMULATIVE MATERIAL AUTHORIZATION	

0610.[GIS.LIN].**SCC**	Authorization code
0630.[GIS.LIN.SCC].**QTY**	Cumulative material authorisation quantity
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period start date
0640.[GIS.LIN.SCC.QTY].**DTM**	Cumulative calculation period end date

0610   SCC - SCHEDULING CONDITIONS

Description: see quantity information 1.

Example: **SCC+3'**
                          A

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	"**3**" = Commitment for material. (Material Authorization)
		REST OF SEGMENT NOT USED.						

0630   QTY - QUANTITY

Description: see quantity information 1.

Example: **QTY+3:201600:PC'**
                          A   B   C

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	*QUANTITY DETAILS*	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"**3**" = Cumulative quantity.
B	6060	Quantity	M	n..15	:	M	n..15	Cumulative material authorisation quantity for the period defined in the following DTM's
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

0640   DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

Example: **DTM+51:20030401:102'**   Start date
                   DTM+52:20030407:102'   End date
                          A   B   C

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Start date

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**51**" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

End date

		EDIFACT STANDARD DEFINITION				Nexteer IMPLEMENTATION		
	C507	*DATE/TIME/PERIOD*	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"**52**" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Last date of the authorization.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"**102**" = CCYYMMDD.

3.8. EXAMPLE OF MESSAGE

Example of NEXTEERNA (SAGINAW) DELFOR

The following example is only illustrative and may not reflect an existing situation as either a test or production transmission.

UNB+UNOA:2+NEXTEERNA:ZZ+QQQ:ZZ+111004:0320+242++DELFOR'	**Nexteer Mailbox ID:ZZ; *Supplier Mailbox ID:ZZ**
UNH+1+DELFOR:D:97A:UN'	*Document Type, Version*
BGM+241+25002+5'	*Release Number (Release ID)*
DTM+137:201110020320:203'	*Document issue date*
DTM+158:20111003:102'	*Horizon start date*
DTM+159:20120702:102'	*Horizon end date (can be up to 52 weeks out)*
NAD+SU+999123456::16'	*Supplier DUNS number*
NAD+MI+005356878::16'	*Nexteer DUNS number(may differ per plant or division)005356878 = NA*
GIS+37'	
NAD+ST+005356878::16++NEXTEER AUTOMOTIVE'	*Nexteer ship to location*
CTA+IC+:JOE EDI'	*Nexteer contact name*
COM+ 989 999 9999:TE'	*Nexteer contact telephone number(up to 17 #)*
COM+ john.smith@nexteer.com:EM'	*Nexteer Contact Email Address*
LIN+++123ABC99:IN'	Nexteer Part Number
IMD+++:::NUTS AND BOLTS'	*First Nexteer part description*
LOC+11+07'	*Nexteer Plant code and receiving dock*
LOC+159+0001'	*Line feed location/Material handling code(reserve for future use)*
RFF+ON:90I12345'	*Purchase Order*
QTY+79:100800:PC'	*Cumulative qty Required since cum rollback*
DTM+51:20110317:102'	*Start date cum qty required calculation*
DTM+52:20111001:102'	*End date cum qty required calculation*
QTY+3:100800:PC'	*Cumulative qty Received since cum rollback*
DTM+51:20110317:102'	*Start date cum qty received calculation*
DTM+52:20111001:102'	*End date cum qty received calculation*
RFF+SI:123455'	*Last ASN number received*
DTM+11:20110927:102'	*Last ASN received date*
SCC+1++D'	*Firm Quantity Immediate/Past Due considers qty shipped on ASN*
QTY+1:0:PC'	*Quantity*
DTM+10:20111003:102'	*Shipment date requested*
SCC+4++D'	*Planning Quantity possible2 wks daily/10 weekly/9 monthly*
QTY+1:3600:PC'	*Quantity*
DTM+10:20111010:102'	*Shipment date requested*
QTY+1:3600:PC'	*Quantity*
DTM+10:20111011:102'	*Shipment date requested*
QTY+1:3600:PC'	*Quantity*
DTM+10:20111012:102'	*Shipment date requested*
…….	*Up to 29 Iterations of QTY/DTM*
SCC+2'	*Commitment for manufacturing and material*
QTY+3:168000:PC'	*Cumulative fabrication authorization quantity*

DTM+51:20110317:102'	*Start date cum qty fab auth calculation*
DTM+52:20111024:102'	*End date cum qty fab auth calculation*
SCC+3'	*Commitment for material*
QTY+3:201600:PC'	*Cumulative material authorization quantity*
DTM+51:20110317:102'	*Start date cum qty mat auth calculation*
DTM+52:20111024:102'	*End date cum qty mat auth calculation*
GIS+37'	**Second Nexteer part number LOOP**
....	
UNT+65+1'	*Message segment count, UNT through UNH inclusive*
UNZ+1+242'	*Message count*

EXAMPLE OF NEXTEER MEXICO DELFOR

The following example is only illustrative and may not reflect an existing situation as either a test or production transmission.

UNB+UNOA:2+NEXTEERMX:ZZ+99999999:ZZ+150616:0338+221	**Nexteer Mailbox ID:ZZ; *Supplier Mailbox ID:ZZ**
UNH+22100001+DELFOR:D:97A:UN	*Document Type, Version*
BGM+241+20150615-002+5	*Release Number (Release ID)*
DTM+137:201506152135:203	*Document issue date*
DTM+158:20150101:102	*Horizon start date*
DTM+159:20160606:102	*Horizon end date (can be up to 52 weeks out)*
NAD+SU+094810736::16	*Supplier DUNS number*
NAD+MI+812138881::16	*Nexteer DUNS number(may differ per plant or division)*
GIS+37'	
NAD+ST+268::16++STEERINGMEX DE RL DE CV - PLANT 68	*Nexteer ship to location*
CTA+IC+:JOE EDI'	*Nexteer contact name*
COM+ 989 999 9999:TE'	*Nexteer contact telephone number(up to 17 #)*
COM+ joe.edi@nexteer.com:EM'	*Nexteer Contact Email Address*
LIN+++26133861:IN	Nexteer Part Number
IMD+++:::RETAINER, STRG SHAFT	*First Nexteer part description*
LOC+11+268	*Nexteer Plant code and receiving dock*
LOC+159+0001'	*Line feed location/Material handling code(reserve for future use)*
RFF+ON:90I8710:1	*Purchase Order/Line #*
QTY+79:100800:PC'	*Cumulative qty Required since cum rollback*
DTM+51:20110317:102'	*Start date cum qty required calculation*
DTM+52:20111001:102'	*End date cum qty required calculation*
QTY+3:100800:PC'	*Cumulative qty Received since cum rollback*
DTM+51:20110317:102'	*Start date cum qty received calculation*
DTM+52:20111001:102'	*End date cum qty received calculation*
SCC+1++D'	*Firm Quantity Immediate/Past Due considers qty shipped on ASN*
QTY+1:0:PC'	*Past Due Quantity*
DTM+10:20111003:102'	*Past Due Date*
SCC+4++W'	*Scheduling Condition*
QTY+1:18000:PC	*Quantity to Ship*
DTM+10:20150622:102	*Shipment date requested*
SCC+4++W	*Scheduling Condition = Weekly*

………

UNT+65+1'   *Message segment count, UNT through UNH inclusive*

UNZ+1+242'   *Message count*

For purposes of readability, the message has been shown with each segment on a separate line. This will not be the case when the message is normally transmitted.