# Delivery Forecast

EDIFACT DELFOR

D97.A

*Plastic Omnium Auto Exterior Scoop Project.*

# MESSAGE DESCRIPTION

Following pages contain a full description of the EDIFACT DELFOR D97.A message as implemented by Plastic Omnium. All segments are included regardless whether used or not used in the interchange with Plastic Omnium. The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with Plastic Omnium. 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.

## INTRODUCTION

### How to read the documentation

All segments in the subset used by Plastic Omnium 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. | PO status: | mandatory. |
| ❹ | Maximum use: | 1 per message. | PO 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 | PO interchange: | see remarks. | | |
| ❻ | Example: | **BGM+241+12+5'**<br>A B C | | |

| ❼ | EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|---|
| ❽ REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C002 | *DOCUMENT/MESSAGE NAME* | C | | | C | | |
| A | 1001 | Document/message name, coded | C | an..3 | : | C | an..3 | ***'34'*** *= Forecast Delivery schedule.*<br>***'241'*** *= JIT 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 | + | | | |
| | C106 | *DOCUMENT/MESSAGE IDENTIFICATION* | C | | | | | |
| B | 1004 | Document/message number | C | an..35 | : | C | an..35 | PO 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 PO.

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

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

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 PO.

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 PO.

❾ Shaded areas in the PO description mean that the data elements is not used by PO.

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 PO.
- code values to be used for data elements contained in the message.

### 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**.

## 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 PO. 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 |

| POS. | TAG | NAME | ST | REPEATS |
|---|---|---|---|---|
| 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 product id | C | 10 |
| 0400 | IMD | Item description | C | 10 |
| 0410 | MEA | Measurements | C | 5 |
| 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 |

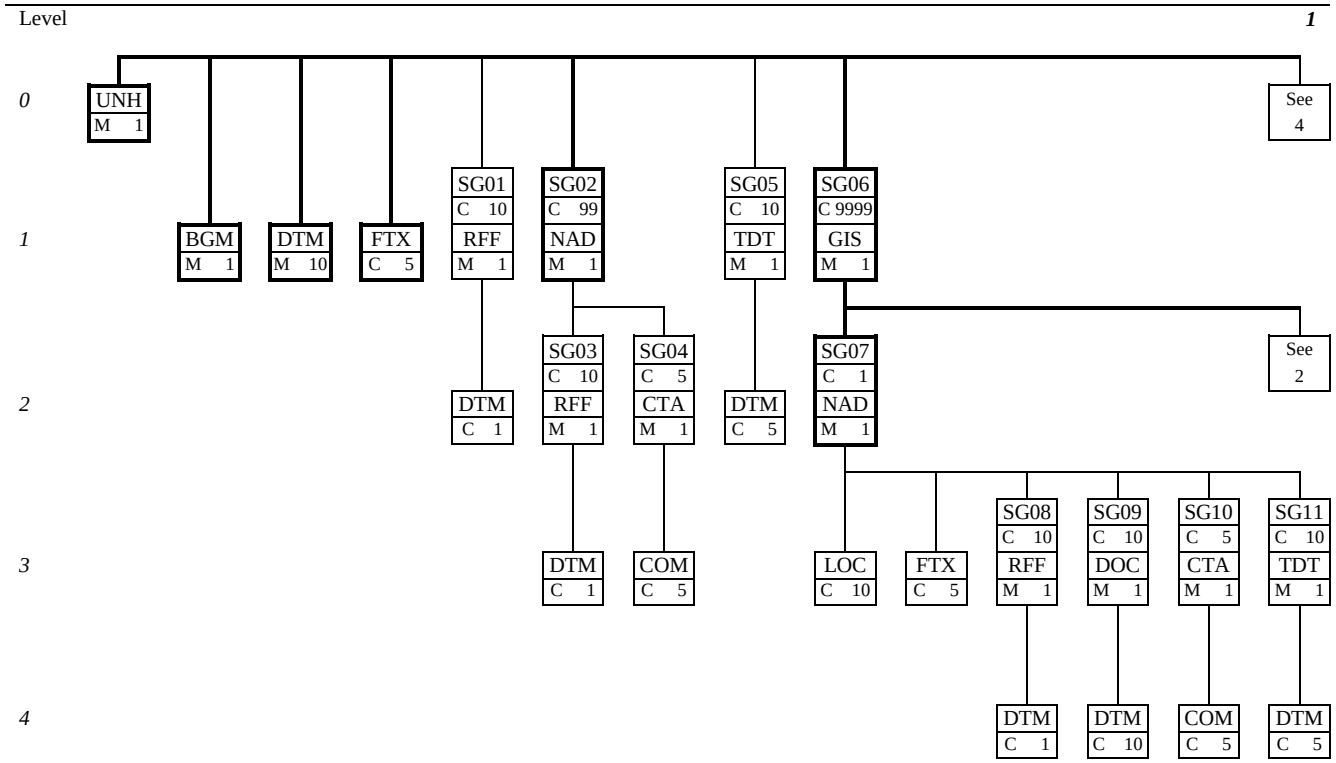
| POS. | TAG | NAME | ST | REPEATS |
|---|---|---|---|---|
| 0680 | | **Segment group 20** | **C** | **99** |
| 0690 | PAC | Package | M | 1 |
| 0700 | MEA | Measurements | C | 10 |
| 0710 | QTY | Quantity | C | 5 |
| 0720 | DTM | Date/time/period | C | 5 |
| 0730 | | **Segment group 21** | **C** | **10** |
| 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 |
| 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 |

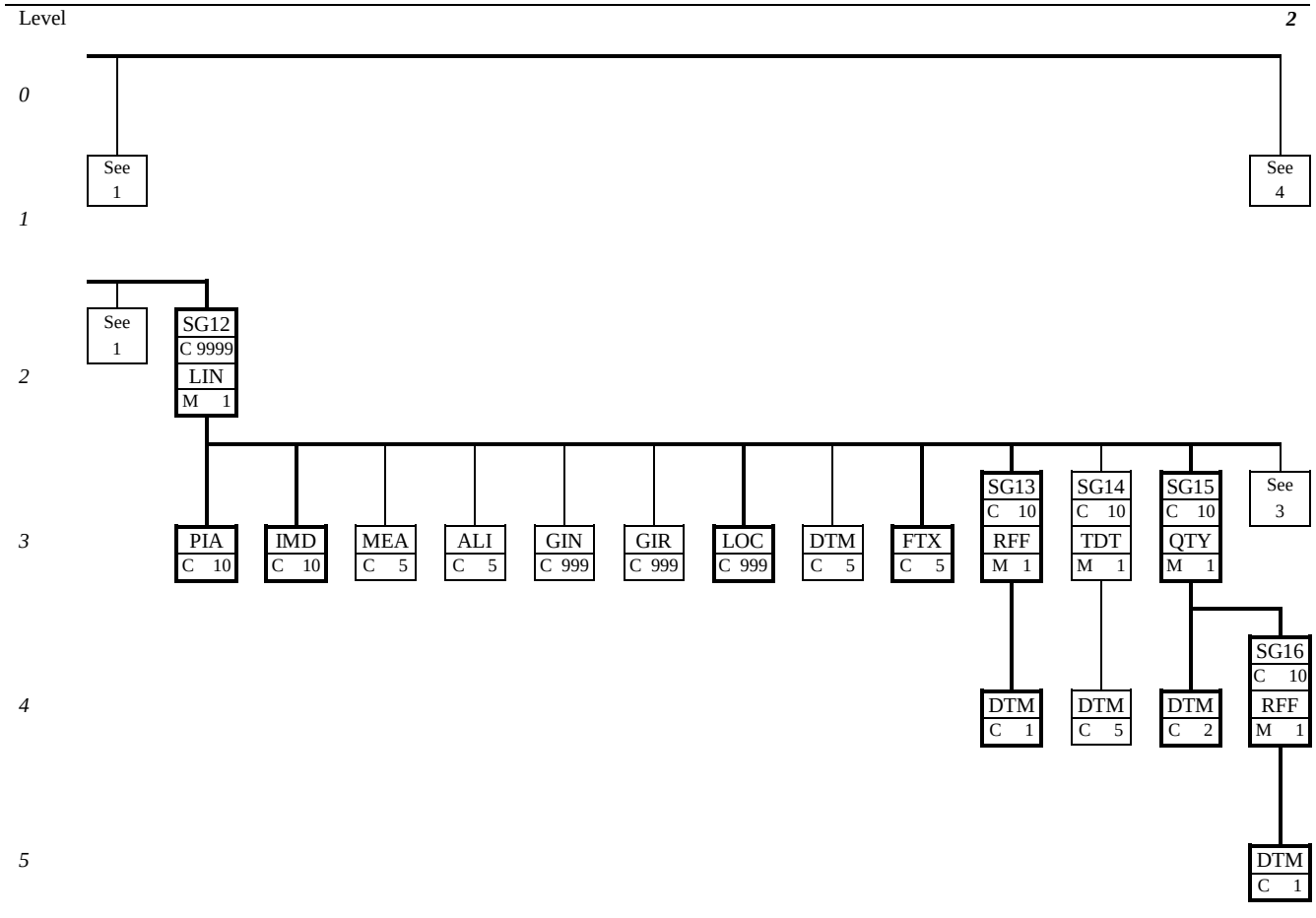
## BRANCHING DIAGRAM

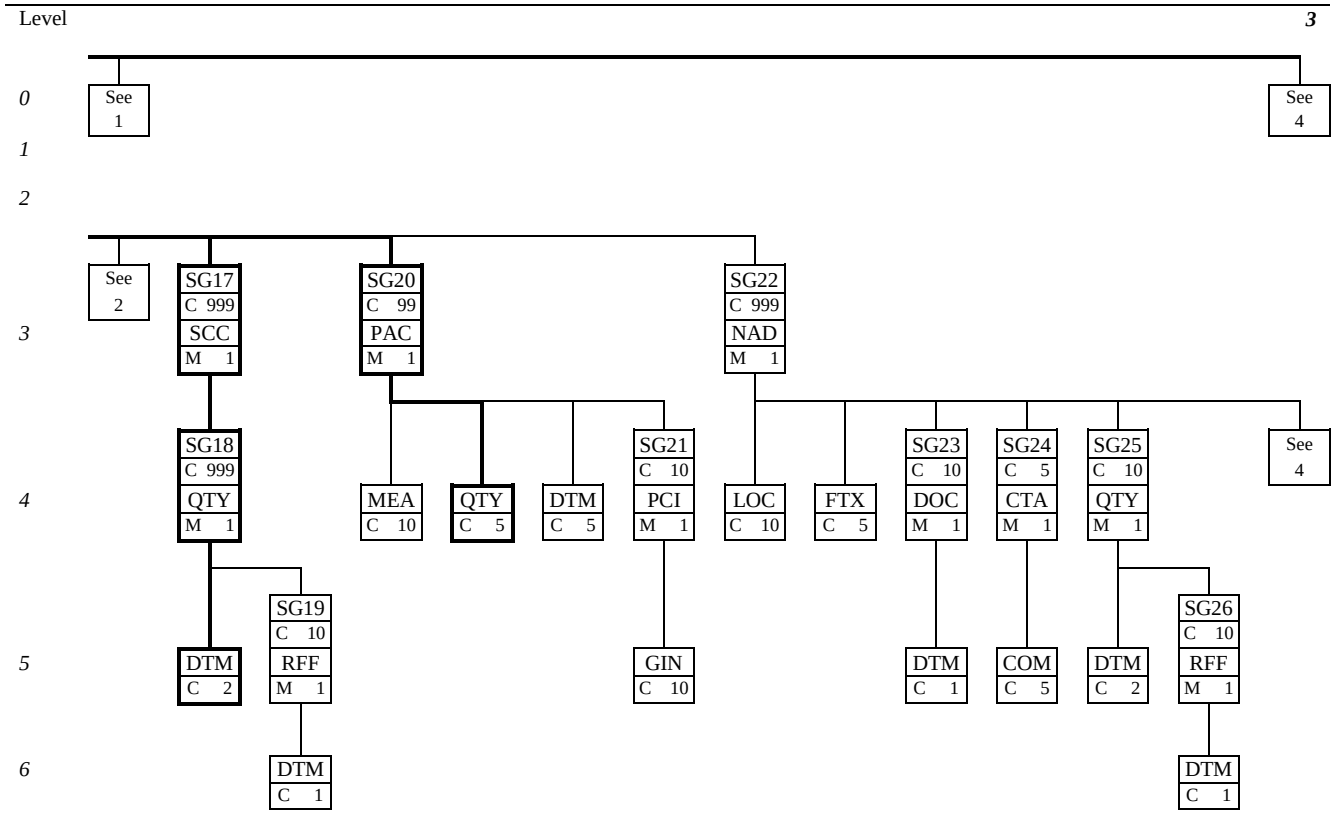
The branching diagram shows the structure of the message. It is a combination of various segments that are organized in a certain hierarchical order.

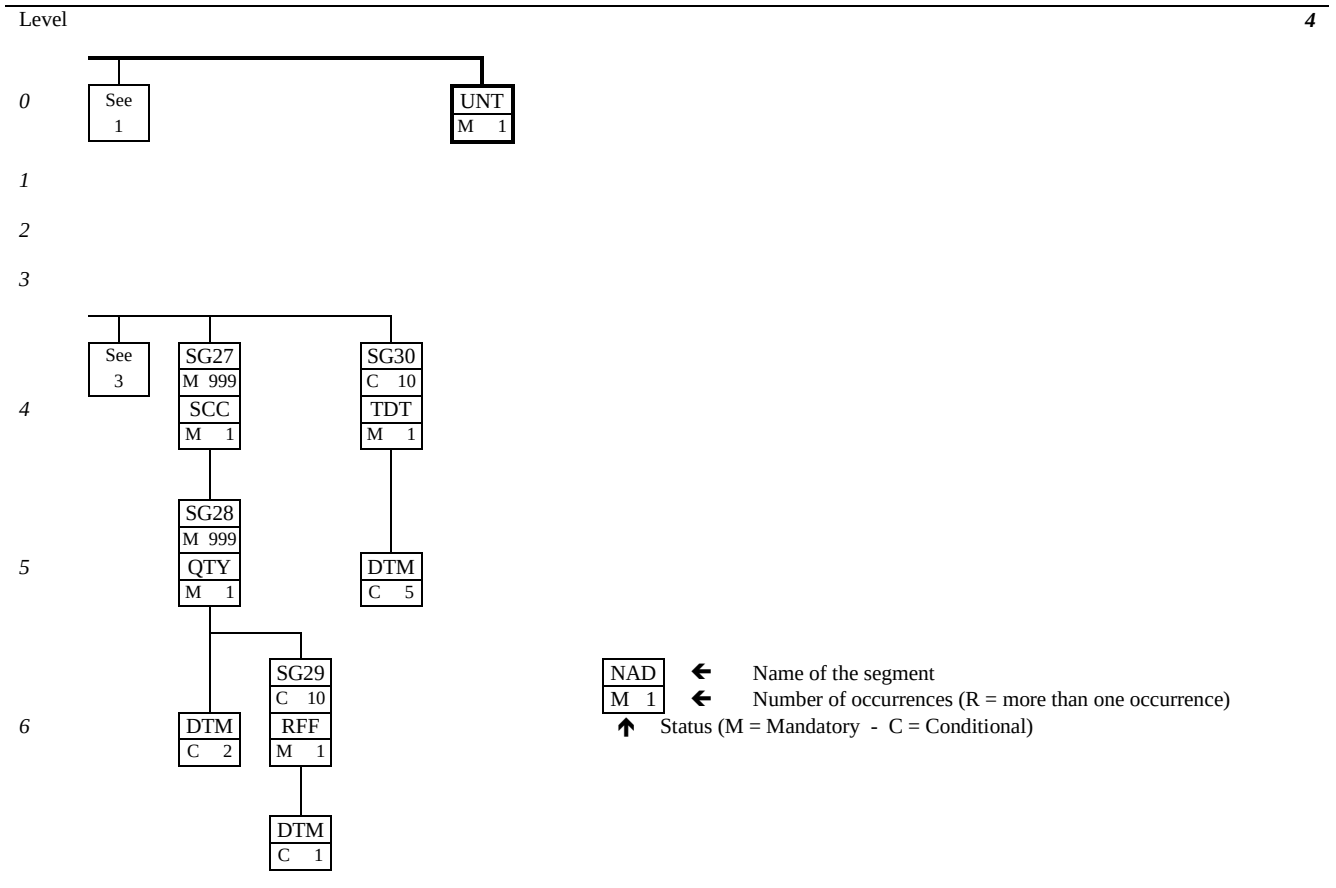
A segment is a pre-defined set of functionally related values (e.g., segment NAD groups all values that relate to a Party: name - address - etc.)

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
1
2
3
4
UNH M 1
BGM M 1
DTM M 10
FTX C 5
SG01 C 10 RFF M 1
DTM C 1
SG02 C 99 NAD M 1
SG03 C 10 RFF M 1
DTM C 1
SG04 C 5 CTA M 1
COM C 5
SG05 C 10 TDT M 1
DTM C 5
SG06 C 9999 GIS M 1
SG07 C 1 NAD M 1
LOC C 10
FTX C 5
SG08 C 10 RFF M 1
DTM C 1
SG09 C 10 DOC M 1
DTM C 10
SG10 C 5 CTA M 1
COM C 5
SG11 C 10 TDT M 1
DTM C 5
See 4
See 2


Level
2
0
1
2
3
4
5
See 1
See 1
See 4
SG12 C 9999 LIN M 1
PIA C 10
IMD C 10
MEA C 5
ALI C 5
GIN C 999
GIR C 999
LOC C 999
DTM C 5
FTX C 5
SG13 C 10 RFF M 1
DTM C 1
SG14 C 10 TDT M 1
DTM C 5
SG15 C 10 QTY M 1
DTM C 2
SG16 C 10 RFF M 1
DTM C 1
See 3


Level
3
0
1
2
3
4
5
6
See 1
See 4
See 2
SG17 C 999 SCC M 1
SG20 C 99 PAC M 1
SG22 C 999 NAD M 1
SG18 C 999 QTY M 1
MEA C 10
QTY C 5
DTM C 5
SG21 C 10 PCI M 1
LOC C 10
FTX C 5
SG23 C 10 DOC M 1
SG24 C 5 CTA M 1
SG25 C 10 QTY M 1
See 4
DTM C 2
SG19 C 10 RFF M 1
GIN C 10
DTM C 1
COM C 5
DTM C 2
SG26 C 10 RFF M 1
DTM C 1
DTM C 1


Level
4
0
1
2
3
4
5
6
See 1
UNT M 1
See 3
SG27 M 999 SCC M 1
SG30 C 10 TDT M 1
SG28 M 999 QTY M 1
DTM C 5
SG29 C 10 RFF M 1
DTM C 2
DTM C 1
NAD
M 1
Name of the segment
Number of occurrences (R = more than one occurrence)
Status (M = Mandatory - C = Conditional)

## 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 PO and will be further explained in section 3.6.

**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, 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.

**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.

## MESSAGE STRUCTURE

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

| | |
|---|---|
| **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 |
| **0040.FTX** | Free Text for complete message |
| **0090-1.NAD** | Material release issuer (Buyer) |
| **0090-2.NAD** | Supplier identification |
| **0090-3.NAD** | Ship from identification (Delivery Party) |
| ***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 |
| **0390.**[GIS.NAD.LIN].**PIA** | Customer part nr / record keeping year / Kanban nr |
| **0400.**[GIS.NAD.LIN].**IMD** | Part release status code / description |
| **0450-1.**[GIS.NAD.LIN].**LOC** | Receiving dock identification |
| **0450-2.**[GIS.NAD.LIN].**LOC** | Line feed location id. / Material handling code |
| **0490.**[GIS.NAD.LIN].**RFF** | Purchase order number |
| **0500.**[GIS.NAD.LIN.RFF].**DTM** | Ref. date to the information given in preceding RFF |
| **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** | Authorization code |
| **0630.**[GIS.NAD.LIN.SCC].**QTY** | Cumulative fabrication authorization |
| **0640-1.**[NAD.LIN.SCC.QTY].**DTM** | Start date |
| **0640-2.**[NAD.LIN.SCC.QTY].**DTM** | End date |
| **0610-3.**[GIS.NAD.LIN].**SCC** | Authorization code |
| **0630.**[GIS.NAD.LIN.SCC].**QTY** | Cumulative material authorizations |
| **0640-1.**[NAD.LIN.SCC.QTY].**DTM** | Start date |
| **0640-2.**[NAD.LIN.SCC.QTY].**DTM** | End date |
| **0690.**[GIS.NAD.LIN].**PAC** | Packaging information |
| **0710.**[GIS.NAD.LIN.PAC].**QTY** | Quantity per pack |
| **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 |

## SERVICE SEGMENTS DESCRIPTION

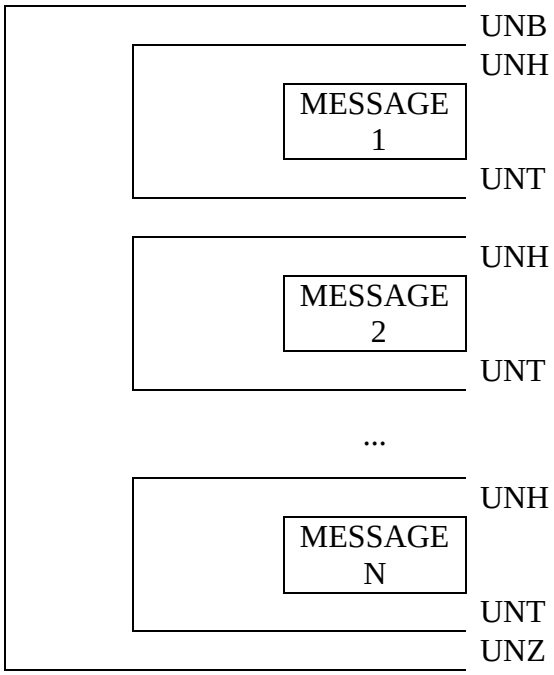
Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

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 STRUCTU**



# 0000 UNB - INTERCHANGE HEADER

Segment Group: none
Level: 0
EDIFACT status: mandatory
PO status: mandatory
Maximum use: 1 per interchange
PO occurrences: 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.
PO interchange: see remarks.

Example: **UNB+UNOA:2+MBXNOPO:ZZ+MBXNOSUPPLIER:ZZ+030324:0735+6++DELFORS'**
A B C D E F G H

| | EDIFACT STANDARD DEFINITION | | | | | PO 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 | |
| | S005 | *RECIPIENTS REFERENCE PASSWORD* | C | | | | | |
| | 0022 | Recipient's reference / password | M | an..14 | : | | | |
| | 0025 | Recipient's reference / password qualifier | C | an2 | + | | | |
| H | 0026 | APPLICATION REFERENCE | C | an..14 | + | C | an..14 | "**DELFORS**" instead of "**PODELFOR**" |
| | 0029 | PROCESSING PRIORITY CODE | C | a1 | + | | | |
| | 0031 | ACKNOWLEDGEMENT REQUEST | C | n1 | + | | | |
| | 0032 | COMMUNICATIONS AGREEMENT ID | C | an..35 | + | | | |
| | 0035 | TEST INDICATOR | C | n1 | ' | | | |

**DELFORS** : That represents the PO Flow type : the name stands for DELIVERY INSTRUCTIONS FOR SUPPLIERS
: PO pefix is unnecessary because the receiver of the message knows that it comes from PO thru mailbox…

# 0010 UNH - MESSAGE HEADER

Segment group: none
Level: 0
EDIFACT status: mandatory.
PO status: mandatory.
Maximum use: 1 per message.
PO occurrences: 1 per message.
Function: service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR.
PO interchange: see remarks.

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

| EDIFACT STANDARD DEFINITION | | | | | | PO 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. NOT USED. |
| | S009 | *MESSAGE IDENTIFIER* | M | | | M | | |
| B | 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 Plastic Omnium 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
PO status: mandatory
Maximum use: 1 per message
PO 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.
PO interchange: see remarks.

Example: **UNT+99+12'**
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| A | 0074 | NUMBER OF SEPOENTS 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 | PO status: | mandatory |
| Maximum use: | 1 | PO 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.

PO interchange: see remarks.

Example: **UNZ+1+2'**
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | 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. |

## DATA SEGMENTS DESCRIPTION

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

The EDIFACT DELFOR segments that are not used in the subset used by PO are included in alphabetical sequence under item 3.9.

# 0020 BGM - BEGINNING OF MESSAGE

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

Example: **BGM+241+455+5'**
A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C002 | *DOCUMENT/MESSAGE NAME* | C | | | C | | |
| A | 1001 | Document/message name, coded | C | an..3 | : | M | an..3 | "**34** or **241**" : **34** = Forecast, **241** = JIT Delivery Schedule. |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | : | | | |
| | 1000 | Document/message name | C | an..35 | + | | | |
| | C106 | *DOCUMENT/MESSAGE IDENTIFICATION* | C | | | | | |
| B | 1004 | Document/message number | C | an..35 | : | M | an..35 | PO 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. **Not Used in PO.** |
| | 4343 | RESPONSE TYPE, CODED | C | an..3 | ' | | | |

**CODE VALUES**

**1001 - Message Function, coded**

1225 Codelist doen't have to be mentioned because that code is unused here

# 0030 DTM - DATE/TIME/PERIOD

| | | | |
|---|---|---|---|
| Segment group: | none | Level: | 1 |
| EDIFACT status: | mandatory | PO status: | mandatory |
| Maximum use: | 10 per message at level 1 | PO occurrences: | max. 1 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.

PO interchange: there will only be 1 occurrences of DTM in position 0030: one to specify the message issue date.

Example:

**DTM+137:19970611:102'** [document generation]
**DTM+158:19970616:102' NOT USED** [horizon start]
**DTM+159:19971103:102' USED when BGM+241.** [horizon end]
A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| 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 | "**137**" = Document message date/time. |
| B | 2380 | Date/time/period | C | an..35 | : | M | an..35 | Actual issue date of the document. |
| C | 2379 | Date/time/period format qualifier | C | an..3 | ' | M | an..3 | "**102**" = CCYYMMDD. |

**Horizon start date. NOT USED**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C507 | *DATE/TIME/PERIOD* | M | | | M | | NOT USED |
| 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. USED when BGM+ 241 (JIT delivery schedule)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C507 | *DATE/TIME/PERIOD* | M | | | M | | NOT USED |
| 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. |

# 0040 FTX - FREE TEXT

| | | | |
|---|---|---|---|
| Segment group: | none | Level: | 1 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 5 per message | PO occurrences: | max. 5 per message |

Function: segment with free text in coded or clear form to give further clarification when required.

PO interchange: see remarks.

.

Example:

**FTX+AAI+++TEXT'**
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| A | 4451 | TEXT SUBJECT QUALIFIER | M | an..3 | + | M | an..3 | "**AAI**" = General information. |
| | 4453 | TEXT FUNCTION, CODED | C | an..3 | + | | | |
| | C107 | *TEXT REFERENCE* | C | | | | | |
| | 4441 | Free text identification | M | an..17 | : | | | |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | + | | | |
| | C108 | *TEXT LITERAL* | C | | | C | | |
| B | 4440 | Free text | M | an..70 | : | M | an..70 | Textual information. |
| | 4440 | Free text | C | an..70 | : | | | |
| | 4440 | Free text | C | an..70 | : | | | |
| | 4440 | Free text | C | an..70 | : | | | |
| | 4440 | Free text | C | an..70 | + | | | |
| | 3453 | LANGUAGE, CODED | C | an..3 | ' | | | |

# Segment group 2: NAD-SG3-SG4

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

## 0090 NAD - NAME AND ADDRESS

| | | | |
|---|---|---|---|
| Segment group: | 2 [NAD] | Level: | 1 |
| EDIFACT status: | mandatory if segment group 2 is used | PO status: | mandatory |
| Maximum use: | 1 per segment group 2 (max. 99) | PO 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. | | |
| PO interchange: | the message may contain maximum 4 NAD's in position 0060 as detailed below. PO will always transmit the 2nd occurrences and may, in some cases, also send the 1st, 3rd and/or 4th occurrence. | | |

Example: **NAD+MI+MATISSUERCODE::92++NAMEOFPARTY'** [Supplier]
A B C D

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| **Planning schedule/material release issuer (buyer).** | | | | | | | | |
| 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 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 | " | | | |

**Supplier**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 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** *(only used when this is different from SU).*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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.** | | | | | | |

**Ordered by** *(only used for Ship Direct).*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| A | 3035 | PARTY QUALIFIER | M | an..3 | + | M | an..3 | "**OB**" = Ordered by. |
| | C082 | *PARTY IDENTIFICATION DETAILS* | C | | | M | | |
| B | 3039 | Party id. Identification | M | an..35 | : | M | an..35 | Code identifying the ordering party. |
| | 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.

**3055 - Code List Responsible Agency, coded**

*16* *DUN & Bradstreet (DUNS)*
**92** **Assigned by buyer**

# Segment group 6: GIS-SG7-SG12

| | | | |
|---|---|---|---|
| Segment group: | 6 [SG6] | Level: | 1 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 9999 per message | PO 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. | | |
| PO interchange: | see segment description. | | |

## 0200 GIS - GENERAL INDICATOR

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

Example: **GIS+7'**
A

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C529 | *PROCESSING INDICATOR* | M | | | M | | |
| A | 7365 | Processing indicator, coded | M | an..3 | : | M | an..3 | Constant value of 7. |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | | | | |
| | 7187 | Process type identification | C | an..17 | ' | | | |

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

| | | | |
|---|---|---|---|
| Segment group: | 7 [GIS.SG7] | Level: | 2 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 1 per segment group 6 | PO 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 | | |
| PO interchange: | see segment description. | | |

## 0220 NAD - NAME AND ADDRESS

| | | | |
|---|---|---|---|
| Segment group: | 7 [GIS.NAD] | Level: | 2 |
| EDIFACT status: | mandatory if segment group 7 is used | PO status: | mandatory |
| Maximum use: | 1 per segment group 7 | PO 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. | | |
| PO interchange: | see remarks. | | |

Example: **NAD+ST+DELIVEREDPLANT::92++*POAE LLC*'**
A B C D

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | : | | | |
| | 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 | : | | | |
| | 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 | " | | | |

**CODE VALUES**

**3055 - Code List Responsible Agency, coded**

*16* *DUN & Bradstreet (DUNS)*
92 Assigned by buyer

# 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 | PO status: | conditional |
| Maximum use: | 9999 per GIS in segment group 06 | PO occurrences: | max. 9999 per SG6 |
| Function: | group of segments providing details of the individual line items for the specified delivery point. | | |
| PO interchange: | see segment description. | | |

## 0380 LIN - LINE ITEM

| | | | |
|---|---|---|---|
| Segment group: | 12 [GIS.LIN] | Level: | 2 |
| EDIFACT status: | mandatory if segment group 12 is used | PO status: | mandatory |
| Maximum use: | 1 per segment group 12 (max. 9999 per GIS) | PO 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. | | |
| PO interchange: | see remarks. | | |

Example: **LIN+3++1234567:IN'**
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | + | | | Fix, **3**, *Cancel & Replace* |
| | C212 | *ITEM NUMBER IDENTIFICATION* | C | | | M | | |
| A | 7140 | Item number | C | an..35 | : | M | an..35 | PO assigned **8** digit part number. |
| B | 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 | ' | | | |

# 0390 PIA - ADDITIONAL PRODUCT ID

| | | | |
|---|---|---|---|
| Segment group: | 12 [GIS.LIN.PIA] | Level: | 3 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 10 per LIN in segment group 12<br>group 12 | PO occurrences: | 1 per segment |
| Function: | segment providing additional product identification. | | |
| PO interchange: | Not Currently Used. | | |

Example: **PIA+1+7:RY+12345678:UA+1234:MP'**
A B C D E F G

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| A | 4347 | PRODUCT ID. FUNCTION QUALIFIER | M | an..3 | + | M | an..3 | "**1**" = Additional identification |
| | C212 | *ITEM NUMBER IDENTIFICATION* | M | | | M | | |
| B | 7140 | Item number | C | an..35 | : | C | an..35 | Identification of the model year: e.g. 7 = 97; 8 = 98, etc. |
| C | 7143 | Item number type, coded | C | an..3 | : | C | an..3 | "**RY**" = Record keeping of model year. |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | + | | | |
| | C212 | *ITEM NUMBER IDENTIFICATION* | C | | | C | | |
| D | 7140 | Item number | C | an..35 | : | C | an..35 | If used entry is customer part number. |
| E | 7143 | Item number type, coded | C | an..3 | : | C | an..3 | "**UA**" = Ultimate customer's part number. (Only used for Ship Direct) |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | + | | | |
| | C212 | *ITEM NUMBER IDENTIFICATION* | C | | | | | |
| F | 7140 | Item number | C | an..35 | : | C | an..35 | If used entry is Kanban number. |
| G | 7143 | Item number type, coded | C | an..3 | : | C | an..3 | "**MP**" = Product/Service identification number. |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | + | | | |
| | C212 | *ITEM NUMBER IDENTIFICATION* | C | | | | | |
| | 7140 | Item number | C | an..35 | : | | | |
| | 7143 | Item number type, coded | C | an..3 | : | | | |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | + | | | |
| | C212 | *ITEM NUMBER IDENTIFICATION* | C | | | | | |
| | 7140 | Item number | C | an..35 | : | | | |
| | 7143 | Item number type, coded | C | an..3 | : | | | |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | ' | | | |

# 0400 IMD - ITEM DESCRIPTION

| | | | |
|---|---|---|---|
| Segment group: | 12 [GIS.LIN.IMD] | Level: | 3 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 10 per LIN in segment group 12 group 12 | PO occurrences: | 1 per segment |
| Function: | segment for describing the product or the service to be delivered. | | |
| PO interchange: | Not Currently Used. | | |

Example: **IMD+++P:::DESCRIPTION'**
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | | | C | | |
| A | 7009 | Item description identification | C | an..17 | : | C | an..17 | Part release status code. "**P**" = Pilot |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | : | | | |
| B | 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] | Level: | 3 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 999 per LIN in segment group 12 | PO occurrences: | max. 2 per segment group 12 |
| Function: | segment identifying a specific location to which products, as specified in the LIN-Segment group, should be delivered. | | |
| PO interchange: | see remarks. (where ???) | | |
| Example: | **LOC+11+1200'** [Receiving dock]<br>A B | | |

**Receiving dock identification.**

| | EDIFACT STANDARD DEFINITION | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| 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 | **Receiving dock at PO plant or dock number at final destination for the parts** |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | : | | | |
| | 3224 | Place/location | C | an..70 | + | | | |
| | C519 | *RELATED LOCATION ONE ID.* | C | | | | | |
| | 3223 | Related place/location one Id. | C | an..25 | : | | | |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | : | | | |
| | 3222 | Related place/location one | C | an..70 | + | | | |
| | C553 | *RELATED LOCATION TWO ID.* | C | | | | | |
| | 3233 | Related place/location two Id. | C | an..25 | : | | | |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | : | | | |
| | 3232 | Related place/location two | C | an..70 | + | | | |
| | 5479 | RELATION, CODED | C | an..3 | ' | | | |

# 0470 FTX - FREE TEXT

Segment group: 12 (GIS.LIN.LOC) Level: 3
EDIFACT status: conditional PO status: conditional
Maximum use: 5 per LIN in segment group 12 PO occurrences: max. 1 per segment group 12
Function: segment with free text in coded or clear form to give further clarification when required.
PO interchange: Not used

Example: **FTX+AAI+++TEXT'**
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| A | 4451 | TEXT SUBJECT QUALIFIER | M | an..3 | + | M | an..3 | "**AAI**" = General information. |
| | 4453 | TEXT FUNCTION, CODED | C | an..3 | + | | | |
| | C107 | *TEXT REFERENCE* | C | | | | | |
| | 4441 | Free text identification | M | an..17 | : | | | |
| | 1131 | Code list qualifier | C | an..3 | : | | | |
| | 3055 | Code list responsible agency, coded | C | an..3 | + | | | |
| | C108 | *TEXT LITERAL* | C | | | C | | |
| B | 4440 | Free text | M | an..70 | : | M | an..70 | Textual information. |
| | 4440 | Free text | C | an..70 | : | | | |
| | 4440 | Free text | C | an..70 | : | | | |
| | 4440 | Free text | C | an..70 | : | | | |
| | 4440 | Free text | C | an..70 | + | | | |
| | 3453 | LANGUAGE, CODED | C | an..3 | ' | | | |

# Segment group 13: RFF-DTM

| | | | |
|---|---|---|---|
| Segment group: | 13 [GIS.LIN.SG13] | Level: | 3 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 10 per LIN in segment group 12 | PO occurrences: | 1 per segment group 12 |
| Function: | group of segments giving references related to the line item and where necessary, their dates. | | |
| PO interchange: | see segment description. | | |

## 0490 RFF - REFERENCE

| | | | |
|---|---|---|---|
| Segment group: | 13 [GIS.LIN.RFF] | Level: | 3 |
| EDIFACT status: | mandatory if segment group 13 is used | PO status: | mandatory |
| Maximum use: | 1 per segment group 13 (max. 10) | PO occurrences: | 1 per segment group 13 |
| Function: | segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item. | | |
| PO interchange: | see remarks. | | |

Example: **RFF+ON: 5105000660'**
A B

| | EDIFACT STANDARD DEFINITION | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C506 | *REFERENCE* | M | | | M | | |
| A | 1153 | Reference qualifier | M | an..3 | : | M | an..3 | "**ON**" = Order number. |
| B | 1154 | Reference number | C | an..35 | : | C | an..35 | Number of the Purchase Order relevant for the article defined in the preceding LIN. |
| C | 1156 | Line number | C | an..6 | : | C | an..6 | Not Used. |
| | 4000 | Reference version number | C | an..35 | ' | | | |

## 0500 DTM - DATE/TIME/PERIOD

| | | | |
|---|---|---|---|
| Segment group: | 13 [GIS.LIN.RFF.DTM] | Level: | 4 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 1 per RFF | PO occurrences: | not used |
| Function: | segment providing the date/time/period of the reference. | | |
| PO interchange: | Not currently used. | | |

Example:

| | EDIFACT STANDARD DEFINITION | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C507 | *DATE/TIME/PERIOD* | M | | | | | |
| | 2005 | Date/time/period qualifier | M | an..3 | : | | | |
| | 2380 | Date/time/period | C | an..35 | : | | | |
| | 2379 | Date/time/period format qualifier | C | an..3 | ' | | | |

# Use of segment groups 15 and 17 in message from PO

# CALCULATION INFORMATION

## Segment group 15: QTY-DTM-SG16

| | | | |
|---|---|---|---|
| Segment group: | 15 [GIS.LIN.SG15] | Level: | 3 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 10 per LIN in segment group 12 | PO 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. | | |
| PO interchange: | see description of different occurrences of segment group 15. | | |

**SEGMENT GROUP 15**
**CUMULATIVE QUANTITY REQUIRED** *(scheduled since accumulation start date)*

| | |
|---|---|
| **0550**.[GIS.LIN].**QTY** | Cumulative quantity scheduled 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 [GIS.LIN.QTY] | Level: | 3 |
| EDIFACT status: | mandatory when segment group 15 is used | PO status: | mandatory |
| Maximum use: | 1 per segment group 15 (max. 10) | PO occurrences: | 1 per segment group 15 |
| Function: | segment to specify pertinent quantities not related to schedule(s), e.g. cumulative quantity, last quantity considered. | | |
| PO interchange: | see description of different occurrences of segment group 15. | | |

Example: **QTY+70:456:EA'**
A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | "**70**" = *Cumulative quantity received in PO Plant.* . |
| B | 6060 | Quantity | M | n..15 | : | M | n..15 | Cumulative quantity Received. |
| C | 6411 | Measure unit qualifier | C | an..3 | ' | | | Measure unit qualifier |

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | "**12**" = *Despatch quantity*. |
| B | 6060 | Quantity | M | n..15 | : | M | n..15 | Last ASN Qty |
| C | 6411 | Measure unit qualifier | C | an..3 | ' | | | Measure unit qualifier |

# 0560 DTM - DATE/TIME/PERIOD

| | | | |
|---|---|---|---|
| Segment group: | 15 [GIS.LIN.QTY.DTM] | Level: | 4 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 2 per QTY segment group 15 | PO occurrences: | max. 2 per |
| Function: | segment providing the date/time/period of the reference. | | |
| PO interchange: | see remarks. | | |

Example: **DTM+51:19970101:102'** [Start date]
**DTM+52:19970701:102'** [End date]
A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |

**Start date**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C507 | *DATE/TIME/PERIOD* | M | | | M | | |
| A | 2005 | Date/time/period qualifier | M | an..3 | : | M | an..3 | Not Used. |
| B | 2380 | Date/time/period | C | an..35 | : | C | an..35 | |
| C | 2379 | Date/time/period format qualifier | C | an..3 | ' | C | an..3 | |

**End date**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C507 | *DATE/TIME/PERIOD* | M | | | M | | |
| A | 2005 | Date/time/period qualifier | M | an..3 | : | M | an..3 | Not Used. |
| B | 2380 | Date/time/period | C | an..35 | : | C | an..35 | |
| C | 2379 | Date/time/period format qualifier | C | an..3 | ' | C | an..3 | |

## SEGMENT GROUP 15
## CUMULATIVE QUANTITY SHIPPED YEAR TO DATE

| | |
|---|---|
| **0550**.[GIS.LIN].**QTY** | Cumulative quantity shipped since start of inventory year |
| **0560**.[GIS.LIN.QTY].**DTM** | Cumulative calculation period start date |
| **0560**.[GIS.LIN.QTY].**DTM** | Date of last ASN |

# 0550 QTY - QUANTITY

Description: see quantity information 1.

Example: **QTY+3:99999:C62**
A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | Not Used. |
| B | 6060 | Quantity | M | n..15 | : | M | n..15 | |
| C | 6411 | Measure unit qualifier | C | an..3 | ' | C | an..3 | |

# 0560 DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

Example: **DTM+51:19970101:102'** [Start date]
**DTM+11:19970910:102'** [Last recorded shipment date]
A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |

**Start date**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C507 | *DATE/TIME/PERIOD* | M | | | M | | |
| A | 2005 | Date/time/period qualifier | M | an..3 | : | M | an..3 | Not Used. |
| B | 2380 | Date/time/period | C | an..35 | : | C | an..35 | |
| C | 2379 | Date/time/period format qualifier | C | an..3 | ' | C | an..3 | |

**Last recorded shipment date**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | C507 | *DATE/TIME/PERIOD* | M | | | M | | |
| A | 2005 | Date/time/period qualifier | M | an..3 | : | M | an..3 | Not Used. |
| B | 2380 | Date/time/period | C | an..35 | : | C | an..35 | |
| C | 2379 | Date/time/period format qualifier | C | an..3 | ' | C | an..3 | |

## SEGMENT GROUP 15
## REFERENCE INFORMATION

| | |
|---|---|
| **0550**.[GIS.LIN].**QTY** | Quantity of the referenced message |
| **0570**.[GIS.LIN.QTY.SG16].**RFF** | Identifying number of referenced message |
| **0580**.[GIS.LIN.QTY.SG16].**DTM** | Date of last referenced message |

**PO interchange: this information will only be used in AMK message.**

## 0550 QTY - QUANTITY

Description: see quantity information 1.

Example:

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C186 | *QUANTITY DETAILS* | M | | | | | |
| | 6063 | Quantity qualifier | M | an..3 | : | | | |
| | 6060 | Quantity | M | n..15 | : | | | |
| | 6411 | Measure unit qualifier | C | an..3 | ' | | | |

# Segment group 16: RFF-DTM

| | | | |
|---|---|---|---|
| Segment group: | 16 [GIS.LIN.QTY.SG16] | Level: | 4 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 10 per QTY in segment group 15 | PO occurrences: | not used |
| Function: | group of segments giving references related to the quantity and where necessary, their dates. | | |
| PO interchange: | see segment description. | | |

## 0580 RFF - REFERENCE

| | | | |
|---|---|---|---|
| Segment group: | 16 [GIS.LIN.QTY.RFF] | Level: | 4 |
| EDIFACT status: | mandatory if segment group 16 is used | PO status: | conditional |
| Maximum use: | 1 per segment group 16 (max. 10) | PO occurrences: | not used |
| Function: | segment for identifying reference to the quantity, e.g. despatch advice number. | | |
| PO interchange: | see segment group description. | | |

Example: **RFF+SI:34465'**

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C506 | *REFERENCE* | M | | | | | |
| | 1153 | Reference qualifier | M | an..3 | : | | | "**SI**" = *Shipper's Id no. for shipment* |
| | 1154 | Reference number | C | an..35 | : | | | *Last delivery note N°.* |
| | 1156 | Line number | C | an..6 | : | | | Not Used. |
| | 4000 | Reference version number | C | an..35 | ' | | | |

# 0580 DTM - DATE/TIME/PERIOD

| | | | |
|---|---|---|---|
| Segment group: | 16 [GIS.LIN.QTY.RFF.DTM] | Level: | 5 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 1 per RFF | PO occurrences: | not used |
| Function: | segment providing the date/time/period of the reference. | | |
| PO interchange: | see segment group description. | | |
| Example: | **DTM+11:20051017:102'** [Last recorded shipment date] | | |

A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO IMPLEMENTATION | | |
|---|---|---|---|---|---|---|---|---|
| REF | TAG | NAME | ST | FT | SP | ST | FT | REMARKS |
| | C507 | *DATE/TIME/PERIOD* | M | | | | | |
| A | 2005 | Date/time/period qualifier | M | an..3 | : | | | ***"11"** = Received Date/Time.* |
| B | 2380 | Date/time/period | C | an..35 | : | | | *YYMMDD* |
| C | 2379 | Date/time/period format qualifier | C | an..3 | ' | | | "102" |

# REQUIREMENT INFORMATION

## Segment group 17: SCC-SG18

| | | | |
|---|---|---|---|
| Segment group: | 17 [GIS.LIN.SG17] | Level: | 3 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 999 per LIN in segment group 12 SG12 | PO occurrences: | max. 999 per |
| 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. | | |
| PO 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 | PO status: | mandatory |
| Maximum use: | 1 per segment group 17 | PO 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. | | |
| PO interchange: | PO will transmit up to 20 weekly quantities and up to 5 four-weekly quantities. | | |

Example: **SCC+1++W'** [weekly quantities]
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | + | | | |
| | C329 | *PATTERN DESCRIPTION* | C | | | C | | |
| B | 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**

*Y = daily*
*W = weekly*
*M = monthly*

# Segment group 18: QTY-DTM-SG19

| | | | |
|---|---|---|---|
| Segment group: | 18 [GIS.LIN.SCC.SG17] | Level: | 4 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 999 per SCC in segment group 17 SG17 | PO occurrences: | max. 999 per |
| Function: | group of segments specifying product quantities and associated dates. | | |
| PO 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 | PO status: | mandatory |
| Maximum use: | 1 per segment group 18 (max. 999 per SCC) | PO 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. | | |
| PO interchange: | see remarks. | | |

Example: **QTY+1:9999:EA'**
A B

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | Delivery Quantity for the time period defined by the preceding SCC. |
| C | 6411 | Measure unit qualifier | C | an..3 | ' | M | An..3 | Measure unit qualifier |

**6411 – Measure unit qualifier**

EA Piece
TN Ton
KG Kilo

## 0640 DTM - DATE/TIME/PERIOD

| | | | |
|---|---|---|---|
| Segment group: | 18 [GIS.LIN.SCC.QTY.DTM] | Level: | 5 |
| EDIFACT status: | conditional | PO status: | conditional |
| Maximum use: | 2 per QTY in segment group 18 | PO occurrences: | max. 2 per segment group 18 |
| Function: | segment indicating date/time/period details relating to the given quantity. | | |
| PO interchange: | see remarks. | | |

Example: **DTM+2:19970616:102'** [always]
A B C

| EDIFACT STANDARD DEFINITION | | | | | | PO 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 | "**2**" = Delivery date/time, requested. |
| | 2380 | Date/time/period | C | an..35 | : | M | an..35 | Schedule line date until. |
| C | 2379 | Date/time/period format qualifier | C | an..3 | ' | M | an..3 | "**102**" = CCYYMMDD. |

## FONCTIONNAL DETAILS

- PO can send both FRC schedule (forecast / mixt) and JIT schedule (firm). These two messages have a separate codes in the segment BGM :

  → **FRC :**
  **BGM-1001 = '34'**
  and the two first digits of the release number (BGM_1004) = '03'

  → **JIT :**
  **BGM-1001 = '241'**
  and the two first digits of the release number (BGM_1004) = '02'

- PO does not send the cumulative quantity ordered but only the cumulative quantity received.

**Message management rules :**

→ **FRC Release / BGM-1001 = '34' :**
Long term schedule and quantities to be delivered by the supplier for a part number.
The date format used is week or month.

FRC schedule update : **cancel and replace** (all schedule lines are deleted and replaced by the new schedule) with cumulative quantity management (sent by PO).

→ **JIT Release / BGM-1001 = '241' :**
Short term schedule and quantities to be delivered by the supplier for a part number.
The date format used is day, even hour.

JIT schedule update : **cancel and replace until the horizon date end** with cumulative quantity (sent by PO) management.

The JIT release must cancel and replace the old schedule until the horizon date end (segment DTM+159), as described below :

**JIT release** (BGM_1001 = ‘241’) :

Horizon date end of the JIT release (DTM+159)

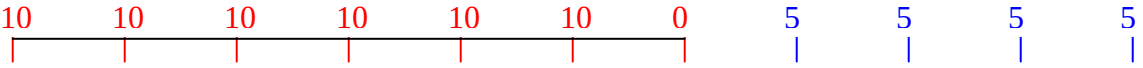
qty :


**FRC release** (BGM-1001 = ‘34’) :

qty :


**PO requested schedule :**

qty :




Note : the requested schedule will be created with the PO cumulative quantity data of the release (cumulative quantity received by PO + last ASN number), and the horizon date end of the JIT release.

## EXAMPLE OF MESSAGE

Following example is only illustrative and does not necessarily reflect an existing situation. It **MAY NEVER** be used as a basis for programming or implementing this message.

FRC RELEASE

```
UNB+UNOA:2+MBXNOPO:ZZ+MBXNOSUPPLIER:ZZ+051018:0735+6++DELFORS'
UNH++DELFOR:D:97A:UN'
BGM+34+0200000002'
DTM+137:20051013:102'                          Document issue date
NAD+MI+PO1US85SC::92++ POAE ANDERSON'          Material issuer
NAD+SU+2001212::92++BOSCH'                     Supplier
GIS+7'
NAD+ST+ PO1US851200SC::92++ POAE ANDERSON'     Ship To
LIN+3++1234567:IN'                             Material code
IMD+FOG LAMP'                                  Material description
LOC+11+1200'                                   Unloading Point
RFF+ON:A1A2A3A4A'                              Purchase Order
QTY+70:478:EA'                                 Cum. quantity  received at PO.
QTY+12:78:EA'                                  Last delivered Qty.
RFF+SI:45647'                                  Last delivy note N°
DTM+11:20051010:102'
SCC+1++D'
QTY+1:7:EA'                                    Quantity for day 1
DTM+2:20051015:102'                            Week 1 identification
SCC+4++W'
QTY+1:7:EA'                                    Quantity for week 1
DTM+2:2005:1017:102'                           Week 1 identification
QTY+1:7:EA'                                    Quantity for week 2
DTM+2:20051024:102'                            Week 2 identification
QTY …
UNT+51+1'
UNZ+1+12'
```

JIT RELEASE

```
UNB+UNOA:2+MBXNOPO:ZZ+MBXNOSUPPLIER:ZZ+051018:0735+6++DELFORS'
UNH++DELFOR:D:97A:UN'
BGM+241+0200000002'
DTM+137:20051014:102'                          Document issue date
DTM+159:20051019:102'                          JIT Horizon end date
NAD+MI+PO1US85SC::92++ POAE ANDERSON'          Material issuer
NAD+SU+2001212::92++BOSCH'                     Supplier
GIS+7'
NAD+ST+ PO1US851200SC::92++ POAE ANDERSON'     Ship To
LIN+3++1234567:IN'                             Material code
IMD+FOG LAMP'                                  Material description
LOC+11+1200'                                   Unloading Point
RFF+ON:A1A2A3A4A'                              Purchase Order
QTY+70:478:EA'                                 Cum. quantity  received at PO.
QTY+12:78:EA'                                  Last delivered Qty.
RFF+SI:45647'                                  Last delivy note N°
DTM+11:20051010:102'
SCC+1++D'
QTY+1:7:EA'                                    Quantity for day 1
DTM+2:20051017:102'                            Week 1 identification
QTY+1:7:EA'                                    Quantity for day 2
DTM+2:20051018:102'                            Week 2 identification
QTY …
UNT+51+1'
UNZ+1+12'
```

For ease of reading the message has been shown with each segment type on a separate line, which will not be the case when the message is normally transmitted. The next section is an example of how the same message will look like when transmitted.