EDIFICE IMPLEMENTATION GUIDELINE

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DELIVERY SCHEDULE

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ISSUE EDDF06

ENDORSED 27 NOVEMBER 2002

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BASED ON

UN/EDIFACT D.98B DELFOR MESSAGE

TABLE OF CONTENTS

COMPARISON TO PREVIOUS ISSUE

5 August 2003
- Example 4 Planning Forecast with Consignment Stock
The buyer provides regular forecasts of 'nett' requirements was changed to 'gross' requirements.

Issue EDDF06 of 21 May 2003
- SG22   addition of Note : EDIFICE does not make use of the EDIFACT Mandatory SG27.

- SG6 GIS DE 7365 – replace qualifier 'ZZZ' with EDIFACT qualifer '94' Delivery point driven scheduling method
- EDIFIX 4.2 Technical upgrade; review and correction of examples

Issue EDDF06 of 13 November 2002 is based on UN/EDIFACT D98.B / Code List D01.A
  - Addition of the following code value:
    o   SG12, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
    o   SG12, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
    o   SG15, QTY segment, CO C186, DE 6063 code '152' Consignment stock

Issue EDDF05, Publication date 29 May 2002 – addition of recommended set of DTM qualifiers

Issue EDDF05 is based on the DELFOR D.98B which includes the changes related to the DMR raised in EDDF04.
-    SG15 occurrence increased to 99
-    UNH DE 0054 Message release number : 98B
-    UNH DE 0057 Association assigned code: EDDF05

Additional changes recorded in D.98B:
-    SG12, IMD segment, addition of CO C272, DE 7081, DE 1131, DE 3055
-    RFF segments addition of DE 1060

Release EDDF04 includes the changes that have been made to the issue 3 of the Delivery Schedule document endorsed by the EDIFICE Plenary on 9 April 1997. The changes are as follows:

- Recast from the 92.1 version of the UN/EDIFACT directory to the D.97A version,

- Addition of the following code values:
    all DTM segments, DE 1153, codes '301' YYMMDDHHMMZZZ
                                      '303' CCYYMMDDHHMMZZZ

    SG1, RFF segment, DE 1153, codes 'GC' Government contract number
                                      'PR' Price quote number
    SG12, LIN segment, DE 7143, codes 'DI' Distributor's part number
                                      'MF' Manufacturer's (producer's) article number
    SG12, LIN segment, DE 3055, codes '89' Assigned by distributor
                                      '90' Assigned by manufacturer
    SG12, PIA segment, DE 7143, codes 'AA' Product version number
                                      'CL' Color number
                                      'CV' Customs article number
                                      'DI' Distributor's part number
                                      'MF' Manufacturer's (producer's) article number
                                      'MN' Model number
                                      'SG' Standard group of products (mixed assortment)
                                      'SN' Serial number
    SG12, PIA segment, DE 3055, codes '89' Assigned by distributor
                                      '90' Assigned by manufacturer
    SG12, IMD segment, DE 7077, codes 'C'   Code (from industry code list)
                                      'F'   Free-form
    SG13, RFF segment, DE 1153, codes 'GC' Government contract number
                                      'PR' Price quote number
    SG15, DTM segment, DE 2005, code 'LSD' Liability start date
    SG18, QTY segment, DE 6063, codes '18' Previous quantity
                                      '21' Order quantity
                                      '85' Previous order quantity to be cancelled
                                      '94' Substitutional quantity
    SG19, RFF segment, DE 1153, code 'FDS' Firm delivery schedule reference number,
- Addition of the following segment groups/segments:
    SG1, DTM segment
    SG3, RFF segment
    SG6
    SG7, LOC segment
    SG11
    SG12, GIN segment
    SG13, DTM segment
    SG16, DTM segment
    SG19, DTM segment
    SG20, QTY segment
    SG22

```
      SG23,

- Deletion of the following code values:
      SG2,  NAD segment, DE 3035, codes 'DP'
                                        'FW'
                                        'IV'
      SG19, RFF segment, DE 1153, codes 'BO'
                                        'CT',

- Deletion of the following segment groups/segments:
      SG29
      SG30,

- Usage changed for the following segment groups/segments/data elements:
BGM segment,                       CO C002,      DE 3055,       X to D
                       CO C106,      DE 1255,      X to A
      SG1,  RFF segment, CO C506,      DE 1156,      X to O
      SG4,  CTA segment, CO C056,      DE 3412,      A to D
      SG12, LIN segment, CO C212,      R to A
      SG12, IMD segment, DE 7077, X to D
      SG12, IMD segment, DE 7081, R to O
      SG12, IMD segment, CO C273,      X to D
      SG13, RFF segment, CO C506, DE 1154,    D to R
      SG13, RFF segment, CO C506,      DE 1156,      D to O
      SG20, PAC segment, DE 7224, O to N
      SG20, PAC segment, CO C202,      DE 3055,      R to D,

- Where UN/ECE Recommendations are referenced the most commonly used codes have been
  identified,

- Alignment of segments and composite data elements to ensure conformance (data
  harmonization) across all EDIFICE Implementation Guidelines,

- Update of the REFERENCES and EXPLANATORY NOTES section to comply with the
  EDIFICE Standards for Documentation of Message Implementation Guidelines issue 3,

- Update of examples,

- Documentation adjustments resulting from the use of GEFEG's EdiFix Message
  Implementation Guidelines documentation tool,

- Correction of typographical errors.
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EDIFICE FUNCTIONAL DEFINITION

The Delivery Schedule message (DELFOR) is defined as a message from a party who is planning the use or consumption of products to a party who has to plan for the supply of products. The message gives the requirements regarding details for short term delivery and/or medium to long term scheduling of products. The scheduling can be used to authorise manufacturing and/or the provision of materials. This is based on the terms and conditions defined in a blanket purchase order or contract and covers the liability commitments of the buyer.

Principles

The Delivery Schedule message may be used to:

- specify firm delivery dates and the quantities scheduled (using segment SCC, DE 4017 Delivery Plan Status Indicator coded as "Firm" (1))

- specify forecasted production requirements (using SCC, DE 4017 coded as "commitment for material and manufacturing" (2), "commitment for material" (3), or "planning/forecast" (4))

- define the aspects that guarantee the synchronisation between the supplying and receiving parties, thus allowing the supplier to plan for the resources necessary to fulfil the customer's requirements

- enable the operation of forecast-based Supplier Managed Inventory principles, in which the supplier is informed of the customer's minimum, maximum and actual inventory on hand and takes the responsibility for determining at what date and with what quantity to replenish the customer's stocks

This message will normally be used where trading partners have a stable trading environment, and multiple deliveries of stable product requirements exist. This does not mean flat or level requirements, but rather managed upside or downside fluctuations.

The EDIFICE guideline for DELFOR supports the delivery point driven scheduling method only.

This is when, for a given delivery point, a number of different products are to be delivered. This means that address information triggers product information.

EDIFICE strongly recommends usage restricted to a single delivery point.

The association to a previous Delivery Schedule message is given by referencing the appropriate document/message number. Each schedule is seen as the latest statement of requirements, replacing previous schedules if they existed.

REFERENCES

Refer to the document : Reference list for the EDIFICE message guidelines – Issue 1

EXPLANATORY NOTES

Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

MESSAGE STRUCTURE CHART

```
         UNH    Message header                          M 1
         BGM    Beginning of message                    M 1
         DTM    Date/time/period                        M 1
     ┌── SG1                                             A..5
     │   RFF    Reference                               M 1
     └── DTM    Date/time/period                        D 1
     ┌── SG2                                            R 2
     │   NAD    Name and address                        M 1
     │ ┌ SG3                                            D 1
     │ └ RFF    Reference                               M 1
     │ ┌ SG4                                            O..2
     │ │ CTA    Contact information                     M 1
     └─┴ COM    Communication contact                   O..3
     ┌── SG6                                            R..10
     │   GIS    General indicator                       M 1
     │ ┌ SG7                                            D 1
     │ │ NAD    Name and address                        M 1
     │ │ LOC    Place/location identification           O 1
     │ ┌ SG11                                           O 1
     │ └ TDT    Details of transport                    M 1
     ┌── SG12                                           R..9999
     │   LIN    Line item                               M 1
     │   PIA    Additional product id                   D..10
     │   IMD    Item description                        D 1
     │   GIN    Goods identity number                   D..100
     │ ┌ SG13                                           D..5
     │ │ RFF    Reference                               M 1
     │ └ DTM    Date/time/period                        D 1
     │ ┌ SG15                                           R..99
     │ │ QTY    Quantity                                M 1
     │ │ DTM    Date/time/period                        D..2
     │ │ SG16                                           D..5
     │ │ RFF    Reference                               M 1
     │ └ DTM    Date/time/period                        O 1
     │ ┌ SG17                                           R..999
     │ │ SCC    Scheduling conditions                   M 1
     │ ┌ SG18                                           R..999
     │ │ QTY    Quantity                                M 1
     │ │ DTM    Date/time/period                        R..2
     │ ┌ SG19                                           D..2
     │ │ RFF    Reference                               M 1
     │ │ DTM    Date/time/period                        O 1
     │ ┌ SG20                                           D 1
     │ │ PAC    Package                                 M 1
     │ └ QTY    Quantity                                O 1
     │ ┌ SG22                                           O..2
     │ │ NAD    Name and address                        M 1
     │ ┌ SG23                                           D..2
     └─┴ DOC    Document/message details                M 1
         UNT    Message trailer                         M 1
```

BRANCHING DIAGRAM

```
                                                    ┌─────┐
0 ─────┬─────────┬──────────┬──────────┬────────────┤  1  │
       │         │          │          │            └─────┘
    ┌──┴──┐   ┌──┴──┐       │          │
    │ UNH │   │ BGM │       │          │
    │M│ 1 │   │M│ 1 │       │          │
    └─────┘   └─────┘       │          │
                            │      ┌───────┐   ┌───────┐
1                           │      │  SG1  │   │  SG2  │
                            │      │A│ ..5 │   │R│  2  │
                         ┌──┴──┐   ┌───────┐   ┌───────┐
                         │ DTM │   │  RFF  │   │  NAD  │
                         │M│ 1 │   │M│  1  │   │M│  1  │
                         └─────┘   └───────┘   └───────┘
                                       │       ┌────┴─────┐
2                                      │    ┌───────┐  ┌───────┐
                                       │    │  SG3  │  │  SG4  │
                                       │    │D│  1  │  │O│ ..2 │
                                    ┌──┴──┐ ┌───────┐ ┌───────┐
                                    │ DTM │ │  RFF  │ │  CTA  │
                                    │D│ 1 │ │M│  1  │ │M│  1  │
                                    └─────┘ └───────┘ └───────┘
                                                          │
3                                                     ┌───────┐
                                                      │  COM  │
                                                      │O│ ..3 │
                                                      └───────┘
```

```
0  ┌───┐                                                                                          ┌───┐
   │ 1 │──────────────────────────────────────────────────────────────────────────────────────── │ 2 │
   └───┘                                                                                          └───┘
           │
1      ┌─────────┐
       │   SG6   │
       ├───┬─────┤
       │ R │ ..10│
       ├───┴─────┤
       │   GIS   │
       ├───┬─────┤
       │ M │  1  │
       └───┴─────┘
           │
2      ┌─────────┐              ┌─────────┐
       │   SG7   │              │  SG12   │
       ├───┬─────┤              ├───┬─────┤
       │ D │  1  │              │ R │..9999│
       ├───┴─────┤              ├───┴─────┤
       │   NAD   │              │   LIN   │
       ├───┬─────┤              ├───┬─────┤
       │ M │  1  │              │ M │  1  │
       └───┴─────┘              └───┴─────┘
```

	SG11				SG13	SG15		SG17		SG20	SG22
	O 1				D ..5	R ..99		R ..999		D 1	O ..2
LOC	TDT	PIA	IMD	GIN	RFF	QTY		SCC		PAC	NAD
O 1	M 1	D ..10	D 1	D ..100	M 1	M 1		M 1		M 1	M 1

```
4                                              ┌─────────┐ ┌─────────┐                ┌─────────┐
                                               │  SG16   │ │  SG18   │                │  SG23   │
                                               ├───┬─────┤ ├───┬─────┤                ├───┬─────┤
                                               │ D │ ..5 │ │ R │..999│                │ D │ ..2 │
                       ┌───┐     ┌───┐         ├───┴─────┤ ├───┴─────┤    ┌───┐        ├───┴─────┤
                       │DTM│     │DTM│         │   RFF   │ │   QTY   │    │QTY│        │   DOC   │
                       ├───┤     ├───┤         ├───┬─────┤ ├───┬─────┤    ├───┤        ├───┬─────┤
                       │D 1│     │D ..2│       │ M │  1  │ │ M │  1  │    │O 1│        │ M │  1  │
                       └───┘     └───┘         └───┴─────┘ └───┴─────┘    └───┘        └───┴─────┘
```

		SG19	
		D ..2	
DTM	DTM	RFF	
O 1	R ..2	M 1	

```
6                                                          ┌─────────┐
                                                           │   DTM   │
                                                           ├───┬─────┤
                                                           │ O │  1  │
                                                           └───┴─────┘
```

```
┌─────┐
│  2  │
0 └─────┘─────────────┐
                      │
              ┌───────────────┐
              │      UNT       │
              ├───┬───────────┤
              │ M │    1       │
              └───┴───────────┘
```
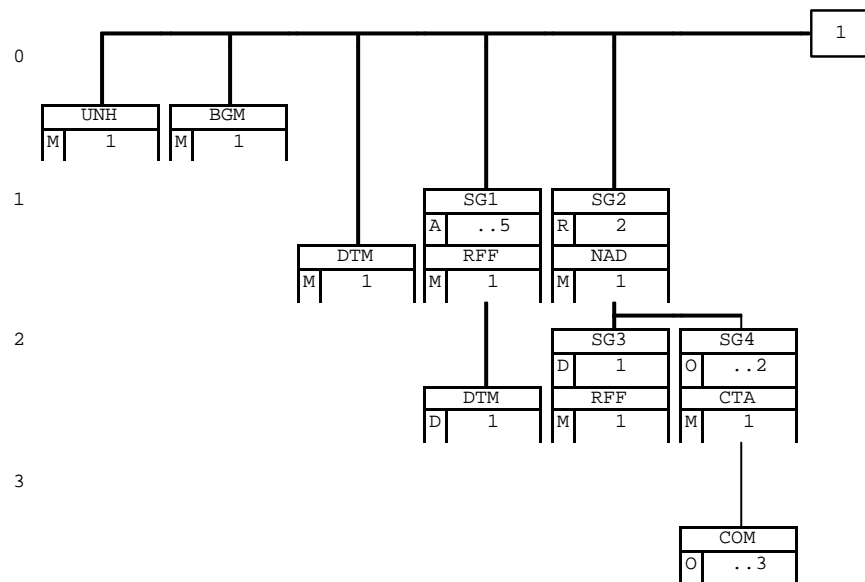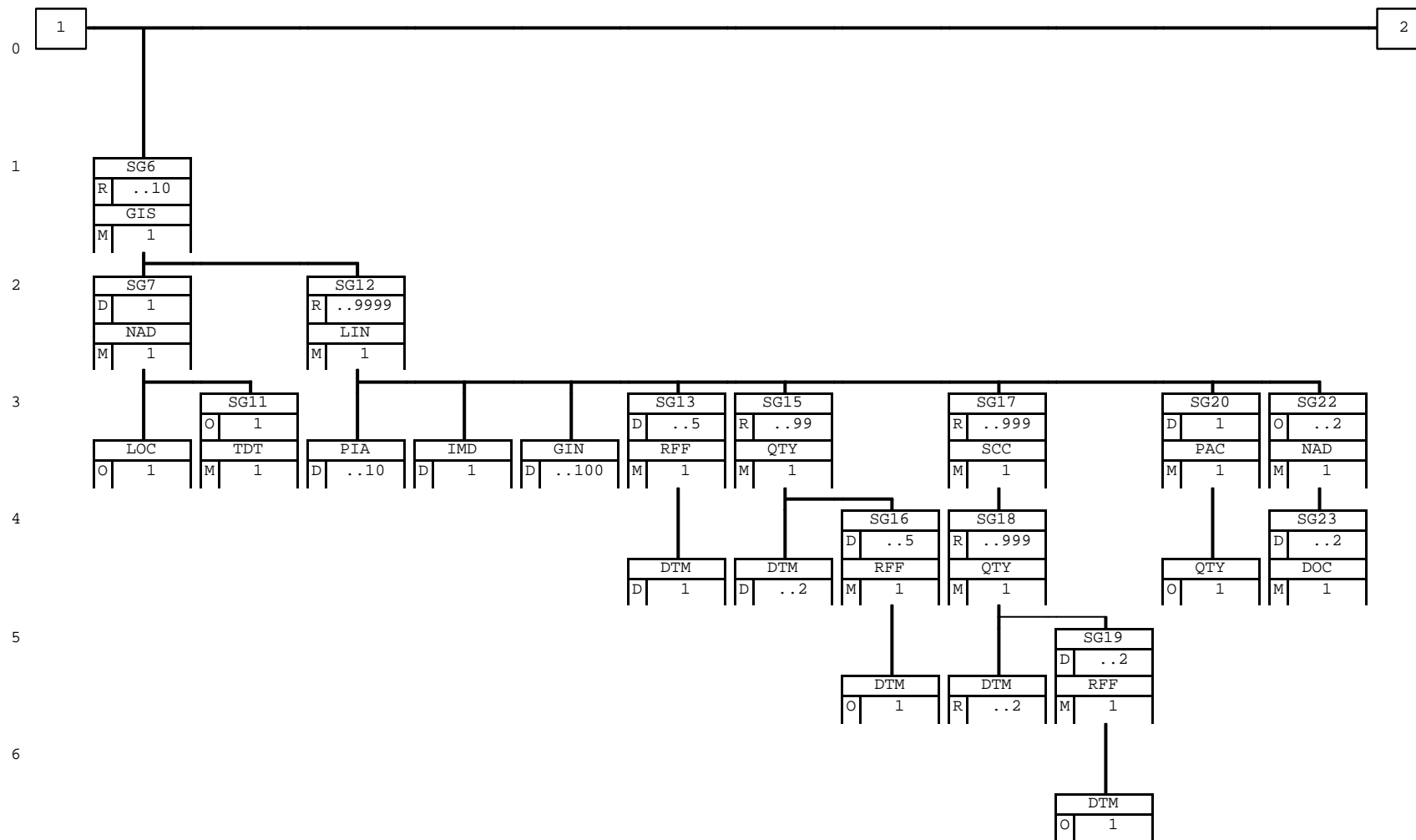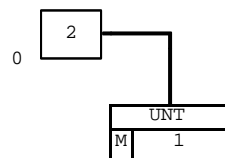
SEGMENT GROUPS/SEGMENTS DESCRIPTION

UNH   Message header
___
Function: A service segment heading, and uniquely identifying the message.
Usage   : M1

BGM   Beginning of message
___
Function: A segment uniquely identifying the message by means of its coded name, number and
          function.
Usage   : M1

DTM   Date/time/period
___
Function: A segment specifying the date/time of creation of the message.
Usage   : M1

SG1   RFF-DTM
___
Function: A group of segments referencing documents and their dates, relating to the whole message.
Usage   : A..5
Notes   : Reference segments specifying contract or previous delivery schedule information should
          be present, preferably at header level. If this information is given at detail level, it
          must not appear here.
          The DTM segment must be sent where local law requires the date of a reference document to
          be sent.

RFF   Reference
___
Function: A segment specifying a document reference number and its appropriate line number.
Usage   : M1

DTM   Date/time/period
___
Function: A segment specifying the date/time of the reference document.
Usage   : D1

SG2   NAD-SG3-SG4
___
Function: A group of segments identifying the parties involved and their associated information,
          relevant to the whole message.
Usage   : R2
Notes   : SG3 is used if EC regulations and/or country law requires reference numbers to be sent.

NAD   Name and address
___
Function: A segment identifying the function and coded identification, name and address of a party
          involved.
Usage   : M1

SG3   RFF
___
Function: A group of segments giving references relating to the identified buying party involved.
Usage   : D1
Notes   :

RFF   Reference
___
Function: A segment specifying a company specific reference.
Usage   : M1

SG4   CTA-COM
___
Function: A group of segments giving contact details of the specific person or department within
          the identified buying party involved, to whom communication should be directed.
Usage   : O..2
Notes   : This segment group will only be used under the NAD identifying the buyer.

CTA   Contact information

Function: A segment identifying a person or department, and their function.
Usage   : M1

COM   Communication contact

Function: A segment identifying a communications type and number.
Usage   : O..3

SG6   GIS-SG7-SG12

Function: A group of segments indicating the scheduling method used, identifying the delivery
          points and related information, and providing inventory and delivery details of the
          individual line items i.e. ordered/forecasted products.
Usage   : R..10
Notes   : SG7 must be sent if a firm delivery plan is specified in SG17.

GIS   General indicator

Function: A segment indicating that the delivery point scheduling method is used.
Usage   : M1

SG7   NAD-LOC-SG11

Function: A group of segments identifying a delivery point and its associated information.
Usage   : D1
Notes   :

NAD   Name and address

Function: A segment identifying the coded identification, name and address of the delivery point.
Usage   : M1

LOC   Place/location identification

Function: A segment identifying a specific location or place at the delivery point.
Usage   : O1

SG11   TDT

Function: A group of segments specifying transport details.
Usage   : O1
Notes   : Used only if details of transport need to be conveyed.

TDT   Details of transport

Function: A segment specifying for the main-carriage stage the mode of transport and the carrier
          information.
Usage   : M1

SG12   LIN-PIA-IMD-GIN-SG13-SG15-SG17-SG20-SG22

Function: A group of segments providing inventory, delivery details and liability for the
          individual line items.
Usage   : R..9999
Notes   : The PIA segment is dependent on whether the primary reference to the line item being
          ordered/forecasted is insufficient to identify the item.
          The IMD segment is used to provide an additional description of the primary reference to
          the line item being ordered/forecasted. It may also be used for items that can not be
          identified by a code or article number.
          The GIN segment is used to provide identity numbers to be applied to the line item.
          SG13 is used to define references which must be associated with specific line items.
          SG20 is used to specify any alternative packaging methods which have been agreed between
          trading partners.
          The measure unit qualifier (DE 6411) must be agreed between trading partners and
          explicitly identified consistently across SG15 and SG18.

LIN   Line item

Function: A segment identifying a line item by its item number, and agreed to be the primary
         reference number between the buyer and seller.
         The segment also carries a sequence number assigned to the line item within the message.
Usage   : M1

PIA   Additional product id

Function: A segment providing additional identification numbers for the line item.
Usage   : D..10

IMD   Item description

Function: A segment specifying ship to stock or ship to line quality and/or an additional
         description in clear or coded form, for the line item.
Usage   : D1

GIN   Goods identity number

Function: A segment providing identity numbers to be applied to the line item.
Usage   : D..100

SG13   RFF-DTM

Function: A group of segments specifying references for the line item.
Usage   : D..5
Notes   : Where the RFF at header level could not be used to specify the appropriate reference
         number it should appear here. Where the header level RFF gives the previous delivery
         schedule and/or contract information it must not appear here.
         The DTM segment must be sent where local law requires the date of a reference document to
         be sent.

RFF   Reference

Function: A segment specifying a document reference number and its appropriate line number.
Usage   : M1

DTM   Date/time/period

Function: A segment specifying the date/time of the reference document.
Usage   : D1

SG15   QTY-DTM-SG16

Function: A group of segments specifying non-schedule related quantity information for the line
         item.
Usage   : R..99
Notes   : This matrix shows how QTY, DTM and RFF segments are used.

	QTY DE 6063	DTM DE 2005	RFF DE 1153
Cumulative quantity	3	–	–
Received quantity	48	50	AAK/PK/SRN/TN
Quantity withdrawn	58	158/159	IV/TN (O)*
Committed quantity	66	LSD (O)*	–
Cumulative quantity received	70	–	–
Backorder quantity	83	–	–
Minimum inventory	97	158/159(O)*	–
Maximum inventory	98	158/159(O)*	–
Actual stock	145	366	–
Consignment stock	152	366	–

         * Usage (O) Optional

QTY   Quantity

Function: A segment specifying a quantity.
Usage   : M1

DTM   Date/time/period

Function: A segment specifying a date/time related to the quantity.
Usage   : D..2

SG16   RFF-DTM

Function: A group of segments specifying references for quantities received or consumed from
          inventory.
Usage   : D..5
Notes   :

RFF   Reference

Function: A segment specifying a document reference number and its appropriate line number,
          identifying the quantity received or consumed from inventory.
Usage   : M1

DTM   Date/time/period

Function: A segment specifying the date/time of the reference document.
Usage   : O1

SG17   SCC-SG18

Function: A group of segments specifying schedule related quantity information for the line item.
Usage   : R..999
Notes   : Trading partners have to agree to specifying either a single SCC segment group relating
          to all following QTY-DTM segment groups or one SCC segment group for each QTY-DTM segment
          group. The same method must be used consistently throughout the whole message.

SCC   Scheduling conditions

Function: A segment specifying information on the liability commitment of the buyer to this
          schedule.
Usage   : M1

SG18   QTY-DTM-SG19

Function: A group of segments specifying the delivery dates and quantities scheduled.
Usage   : R..999
Notes   : SG19 is only used when it is necessary to give different references for each delivery.

QTY   Quantity

Function: A segment specifying a quantity.
Usage   : M1

DTM   Date/time/period

Function: A segment specifying the corresponding time-frame i.e. horizon start and end date/time or
          discrete date/time of the quantity.
Usage   : R..2

SG19   RFF-DTM

Function: A group of segments providing references for the quantity.
Usage   : D..2
Notes   :

RFF   Reference

Function: A segment specifying a document reference number and its appropriate line number.
Usage   : M1

DTM   Date/time/period

Function: A segment specifying the date/time of the reference document.
Usage   : O1

SG20   PAC-QTY

Function: A group of segments specifying product packaging information for the line item.
Usage   : D1
Notes   :

PAC   Package

Function: A segment specifying the product package type.
Usage   : M1

QTY   Quantity

Function: A segment specifying the number of products contained in the package type.
Usage   : O1

SG22   NAD-SG23

Function: A group of segments identifying the parties involved and their associated information,
          for the line item.
Usage   : O..2
Notes   : SG23 is only used when DE 3055 in NAD = 'BY'
          EDIFICE does not make use of the EDIFACT mandatory SG27.

NAD   Name and address

Function: A segment identifying the buyer as the party requesting the certificates, or identifying
          the manufacturer's code, for the line item.
Usage   : M1

SG23   DOC

Function: A group of segments specifying the certificates.
Usage   : D..2
Notes   :

DOC   Document/message details

Function: A segment specifying a requested certificate
Usage   : M1

UNT   Message trailer

Function: A service segment ending, and providing information for checking the completeness of a
          message.
Usage   : M1

UNH   Message header

Function: A service segment heading, and uniquely identifying the message.
Usage   : M1
Notes   : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDSS04

Ref.	Rep.		Name		EDIFICE Utilisation
0062	an..14	M	MESSAGE REFERENCE NUMBER	M	Transmission message count from 1
S009		M	MESSAGE IDENTIFIER	M	
0065	an..6	M	Message type identifier	M	DELFOR
0052	an..3	M	Message version number	M	D
0054	an..3	M	Message release number	M	98B
0051	an..2	M	Controlling agency	M	UN
0057	an..6	C	Association assigned code	R	EDDF06
0068	an..35	C	COMMON ACCESS REFERENCE	N	
S010		C	STATUS OF THE TRANSFER	N	
0070	n..2	M	Sequence of transfers	N	
0073	a1	C	First/last sequence message transfer indication	N	

BGM   **Beginning of message**

Function: A segment uniquely identifying the message by means of its coded name, number and
function.
Usage   : M1
Notes   : When the content of DE 1001 is not '241' Delivery Schedule, this code defines a specific
business scenario assigned by EDIFICE - in which case DE 3055 must be set to '8'.

Ref.	Rep.		Name		EDIFICE Utilisation
C002		C	DOCUMENT/MESSAGE NAME	R	
1001	an..3	C	Document/message name, coded	R	241 = Delivery schedule
					The following values for DE 1001 have
					currently been assigned by EDIFICE.
					A = Planning forecast.
					B = Planning forecast with traditional
					purchase order cycle.
					C = Planning forecast and separate material
					release
					D = Planning forecast combined with embedded
					release
					E = Planning forecast with consignment stock.
					F = Planning forecast with separate calloff,
					and consignment.
					G = Forecast-based Supplier-Managed Inventory
					H = Forecast-based Supplier-Managed Inventory
					with consignment
					I = Consumption-based Supplier-Managed
					Inventory
					J = Distributor forecasting and supply
					K = Supplier-Managed Inventory in third party
					warehouse - buyer-owned inventory
					L = SMI in third party warehouse - seller-
					owned inventory (i.e. consignment)
					M = Contract manufacturing - Prime contractor
					procures components
					N = Contract manufacturing - Contract
					manufacturer procures components
					O = Consignment inventory in third party
					warehouse
					P = Response to forecast.
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	D	8 = EDIFICE
1000	an..35	C	Document/message name	N	
C106		C	DOCUMENT/MESSAGE IDENTIFICATION	R	
1004	an..35	C	Document/message number	R	
1056	an..9	C	Version	N	
1060	an..6	C	Revision number	N	
1225	an..3	C	MESSAGE FUNCTION, CODED	A	9 = Original
4343	an..3	C	RESPONSE TYPE, CODED	N	

DTM   Date/time/period

Function: A segment specifying the date/time of creation of the message.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	137 = Document/message date/time
					Date when the document is created
2380	an..35	C	Date/time/period	R	
2379	an..3	C	Date/time/period format	R	102 = CCYYMMDD
			qualifier		203 = CCYYMMDDHHMM
					303 = CCYYMMDDHHMMZZZ
					ZZZ = Time zone
					304 = CCYYMMDDHHMMSSZZZ
					ZZZ = Time zone
					X03 = CCYYMMDDHHMMZZZZZ (*)
					ZZZZZ = Time zone
					X04 = CCYYMMDDHHMMSSZZZZZZ (*)
					ZZZZZ = Time zone
					(*) EDIFICE code

SG1   RFF-DTM

RFF   Reference

Function: A segment specifying a document reference number and its appropriate line number.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C506		M	REFERENCE	M	
1153	an..3	M	Reference qualifier	M	AAD = Contract addendum number
					Number assigned by the issuer of a
					contract addendum.
					ALM = Previous delivery schedule number
					BO = Blanket order number
					CT = Contract number
					GC = Government contract number
					PR = Price quote number
1154	an..35	C	Reference number	R	
1156	an..6	C	Line number	O	
4000	an..35	C	Reference version number	N	
1060	an..6	C	Revision number	N	

SG1   RFF-DTM

DTM   Date/time/period

Function: A segment specifying the date/time of the reference document.
Usage   : D1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	171 = Reference date/time
2380	an..35	C	Date/time/period	R	
2379	an..3	C	Date/time/period format qualifier	R	102 = CCYYMMDD 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone 304 = CCYYMMDDHHMMSSZZZ ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ (*) ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZZ (*) ZZZZZ = Time zone (*) EDIFICE code

SG2   NAD-SG3-SG4

NAD   Name and address

Function: A segment identifying the function and coded identification, name and address of a party
         involved.
Usage   : M1
Notes   : It is advised that the party identification CO C082 be used. When CO C082 cannot be used
          it is recommended to use the structured name and address CO C080 through DE 3207 rather
          than the unstructured one CO C058.

Ref.	Rep.		Name		EDIFICE Utilisation
3035	an..3	M	PARTY QUALIFIER	M	BY = Buyer
					SE = Seller
C082		C	PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M	Party identification	M	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering association)
					16 = DUNS (Dun & Bradstreet)
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
C058		C	NAME AND ADDRESS	D	
3124	an..35	M	Name and address line	M	
3124	an..35	C	Name and address line	O	
3124	an..35	C	Name and address line	O	
3124	an..35	C	Name and address line	O	
3124	an..35	C	Name and address line	O	
C080		C	PARTY NAME	D	
3036	an..35	M	Party name	M	
3036	an..35	C	Party name	O	
3036	an..35	C	Party name	O	
3036	an..35	C	Party name	O	
3036	an..35	C	Party name	O	
3045	an..3	C	Party name format, coded	N	
C059		C	STREET	D	
3042	an..35	M	Street and number/p.o. box	M	
3042	an..35	C	Street and number/p.o. box	O	
3042	an..35	C	Street and number/p.o. box	O	
3042	an..35	C	Street and number/p.o. box	O	
3164	an..35	C	CITY NAME	D	
3229	an..9	C	COUNTRY SUB-ENTITY IDENTIFICATION	D	
3251	an..9	C	POSTCODE IDENTIFICATION	D	
3207	an..3	C	COUNTRY, CODED	D	Use ISO 3166, 2 alpha code

SG3   RFF

RFF   Reference

Function: A segment specifying a company specific reference.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C506		M	REFERENCE	M	
1153	an..3	M	Reference qualifier	M	VA = VAT registration number
					GN = Government reference number
1154	an..35	C	Reference number	R	
1156	an..6	C	Line number	N	
4000	an..35	C	Reference version number	N	
1060	an..6	C	Revision number	N	

SG4   CTA-COM

CTA   Contact information

Function: A segment identifying a person or department, and their function.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
3139	an..3	C	CONTACT FUNCTION, CODED	R	PD = Purchasing contact SC = Schedule contact
C056		C	DEPARTMENT OR EMPLOYEE DETAILS	R	If a code is available use DE 3413, otherwise use DE 3412.
3413	an..17	C	Department or employee identification	D	
3412	an..35	C	Department or employee	D	

COM   Communication contact

Function: A segment identifying a communications type and number.
Usage   : O..3
Notes   :

Ref.	Rep.	Name		EDIFICE Utilisation
C076	M	COMMUNICATION CONTACT	M	
3148	an..51 M	Communication number	M	
3155	an..3 M	Communication channel qualifier	M	EM = Electronic mail FX = Telefax TE = Telephone

GIS   General indicator

Function: A segment indicating that the delivery point scheduling method is used.
Usage   : M1
Notes   : This dummy segment defines the use of the 'Delivery point driven' method.

Ref.	Rep.		Name		EDIFICE Utilisation
C529		M	PROCESSING INDICATOR	M	
7365	an..3	M	Processing indicator, coded	M	94 = Delivery point driven scheduling method
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7187	an..17	C	Process type identification	N	

SG7   NAD-LOC-SG11

NAD   Name and address

Function: A segment identifying the coded identification, name and address of the delivery point.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
3035	an..3	M	PARTY QUALIFIER	M	DP = Delivery party
					Delivery point
C082		C	PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M	Party identification	M	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering association)
					16 = DUNS (Dun & Bradstreet)
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
C058		C	NAME AND ADDRESS	D	
3124	an..35	M	Name and address line	M	
3124	an..35	C	Name and address line	O	
3124	an..35	C	Name and address line	O	
3124	an..35	C	Name and address line	O	
3124	an..35	C	Name and address line	O	
C080		C	PARTY NAME	D	
3036	an..35	M	Party name	M	
3036	an..35	C	Party name	O	
3036	an..35	C	Party name	O	
3036	an..35	C	Party name	O	
3036	an..35	C	Party name	O	
3045	an..3	C	Party name format, coded	N	
C059		C	STREET	D	
3042	an..35	M	Street and number/p.o. box	M	
3042	an..35	C	Street and number/p.o. box	O	
3042	an..35	C	Street and number/p.o. box	O	
3042	an..35	C	Street and number/p.o. box	O	
3164	an..35	C	CITY NAME	D	
3229	an..9	C	COUNTRY SUB-ENTITY IDENTIFICATION	D	
3251	an..9	C	POSTCODE IDENTIFICATION	D	
3207	an..3	C	COUNTRY, CODED	D	Use ISO 3166, 2 alpha code

LOC   Place/location identification

Function: A segment identifying a specific location or place at the delivery point.
Usage   : O1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
3227	an..3	M	PLACE/LOCATION QUALIFIER	M	88 = Place of receipt
C517		C	LOCATION IDENTIFICATION	R	It is advised that DE 3225 be used together with DE 3055 rather than DE 3224.
3225	an..25	C	Place/location identification	A	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	D	92 = Assigned by buyer or buyer's agent
3224	an..70	C	Place/location	D	
C519		C	RELATED LOCATION ONE IDENTIFICATION	N	
3223	an..25	C	Related place/location one identification	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
3222	an..70	C	Related place/location one	N	
C553		C	RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..25	C	Related place/location two identification	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
3232	an..70	C	Related place/location two	N	
5479	an..3	C	RELATION, CODED	N	

TDT   Details of transport

Function: A segment specifying for the main-carriage stage the mode of transport and the carrier
          information.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
8051	an..3	M	TRANSPORT STAGE QUALIFIER	M	20 = Main-carriage transport
8028	an..17	C	CONVEYANCE REFERENCE NUMBER	N	
C220		C	MODE OF TRANSPORT	R	
8067	an..3	C	Mode of transport, coded	R	Use the following codes from UN/ECE Recommendation no.19:
					1 = Maritime transport
					2 = Rail transport
					3 = Road transport
					4 = Air transport
					5 = Mail
					6 = Multimodal transport
8066	an..17	C	Mode of transport	N	
C228		C	TRANSPORT MEANS	N	
8179	an..8	C	Type of means of transport identification	N	
8178	an..17	C	Type of means of transport	N	
C040		C	CARRIER	O	
3127	an..17	C	Carrier identification	A	Mutually defined code
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	A	3 = IATA (International Air Transport Association)
					9 = EAN (International Article Numbering association)
					11 = Lloyd's register of shipping
					16 = DUNS (Dun & Bradstreet)
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
					166 = US, National Motor Freight Classification Association
3128	an..35	C	Carrier name	D	Used if no coded name is exchanged in DE 3127
8101	an..3	C	TRANSIT DIRECTION, CODED	N	
C401		C	EXCESS TRANSPORTATION INFORMATION	N	
8457	an..3	M	Excess transportation reason, coded	N	
8459	an..3	M	Excess transportation responsibility, coded	N	
7130	an..17	C	Customer authorization number	N	
C222		C	TRANSPORT IDENTIFICATION	N	
8213	an..9	C	Id. of means of transport identification	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
8212	an..35	C	Id. of the means of transport	N	
8453	an..3	C	Nationality of means of transport, coded	N	
8281	an..3	C	TRANSPORT OWNERSHIP, CODED	N	

SG12   LIN-PIA-IMD-GIN-SG13-SG15-SG17-SG20-SG22

LIN   Line item

Function: A segment identifying a line item by its item number, and agreed to be the primary
         reference number between the buyer and seller.
         The segment also carries a sequence number assigned to the line item within the message.
Usage   : M1
Notes   : For a line item referring to a service which has no coded identification, the primary
         identification is found in segment IMD, rather than in CO C212.

Ref.	Rep.		Name		EDIFICE Utilisation
1082	an..6	C	LINE ITEM NUMBER	R	It is required to assign a number to the line items within a message. The number is assigned by the sender of the message. The first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line.
1229	an..3	C	ACTION REQUEST/NOTIFICATION, CODED	N	
C212		C	ITEM NUMBER IDENTIFICATION	A	
7140	an..35	C	Item number	R	Primary reference
7143	an..3	C	Item number type, coded	R	BP = Buyer's part number DI = Distributor's part number (*) EN = International Article Numbering Association (EAN) MF = Manufacturer's (producer's) article Number SRV = EAN.UCC Global Trade Item Number UP = UPC (Universal product code) VP = Vendor's (seller's) part number (*) EDIFICE code
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 89 = Assigned by distributor 90 = Assigned by manufacturer 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = US, UCC (Uniform Code Council)
C829		C	SUB-LINE INFORMATION	N	
5495	an..3	C	Sub-line indicator, coded	N	
1082	an..6	C	Line item number	N	
1222	n..2	C	CONFIGURATION LEVEL	N	
7083	an..3	C	CONFIGURATION, CODED	N	

PIA   Additional product id

Function: A segment providing additional identification numbers for the line item.
Usage   : D..10
Notes   : The 5 internal repetitions of CO C212 may be used, but EDIFICE recommends to only use the
          first occurrence.

Ref.	Rep.		Name		EDIFICE Utilisation
4347	an..3	M	PRODUCT ID. FUNCTION QUALIFIER	M	1 = Additional identification
C212		M	ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C	Item number	R	
7143	an..3	C	Item number type, coded	R	AA = Product version number
					Release number of a product
					BP = Buyer's part number
					CL = Color number
					CV = Customs article number
					DI = Distributor's part number (*)
					DR = Drawing revision number
					DW = Drawing
					EC = Engineering change level
					EN = International Article Numbering
					Association (EAN)
					GS = General specification number
					MF = Manufacturer's (producer's) article
					number
					MN = Model number
					SG = Standard group of products
					(mixed assortment)
					SN = Serial number
					SRV = EAN.UCC Global Trade Item Number
					UP = UPC (Universal product code)
					VP = Vendor's (seller's) part number
					VX = Vendor specification number
					(*) EDIFICE code
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering
					association)
					89 = Assigned by distributor
					90 = Assigned by manufacturer
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
					113 = US, UCC (Uniform Code Council)
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item number	R	
7143	an..3	C	Item number type, coded	R	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item number	R	
7143	an..3	C	Item number type, coded	R	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item number	R	
7143	an..3	C	Item number type, coded	R	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item number	R	
7143	an..3	C	Item number type, coded	R	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	

SG12   LIN-PIA-IMD-GIN-SG13-SG15-SG17-SG20-SG22

IMD   Item description

Function: A segment specifying ship to stock or ship to line quality and/or an additional
         description in clear or coded form, for the line item.
Usage : D1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
7077	an..3	C	ITEM DESCRIPTION TYPE, CODED	D	C = Code (from industry code list)
					F = Free-form
C272		C	ITEM CHARACTERISTIC	O	
7081	an..3	C	Item characteristic, coded	R	3 = Ship to stock
					26 = Ship to line
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
C273		C	ITEM DESCRIPTION	D	Use DE 7009 for a coded description. If no code is available use DE 7008 instead.
7009	an..17	C	Item description identification	A	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7008	an..25	C	Item description	D	
7008	an..25	C	Item description	O	
3453	an..3	C	Language, coded	N	
7383	an..3	C	SURFACE/LAYER INDICATOR, CODED	N	

GIN

GIN   Goods identity number

Function: A segment providing identity numbers to be applied to the line item.
Usage   : D..100
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
7405	an..3	M	IDENTITY NUMBER QUALIFIER	M	BN = Serial number
C208		M	IDENTITY NUMBER RANGE	M	The first DE 7402 in the composite data element is the start of the consecutively numbered range, the second DE 7402 indicates the end of the range. If there is no range only the first DE 7402 is used. If the identity numbers are not sequential and part of a series (e.g. 1,3,10) then a separate CO C208 and DE 7402 must be used for each identity number.
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	

SG13   RFF-DTM

RFF   Reference

Function: A segment specifying a document reference number and its appropriate line number.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C506		M	REFERENCE	M	
1153	an..3	M	Reference qualifier	M	AAD = Contract addendum number
					Number assigned by the issuer of a
					contract addendum
					ALM = Previous delivery schedule number
					BO = Blanket order number
					CT = Contract number
					GC = Government contract number
1154	an..35	C	Reference number	R	PR = Price quote number
1156	an..6	C	Line number	O	
4000	an..35	C	Reference version number	N	
1060	an..6	C	Revision number	N	

SG13   RFF-DTM

DTM   Date/time/period

Function: A segment specifying the date/time of the reference document.
Usage   : D1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	171 = Reference date/time
2380	an..35	C	Date/time/period	R	
2379	an..3	C	Date/time/period format qualifier	R	102 = CCYYMMDD
					203 = CCYYMMDDHHMM
					303 = CCYYMMDDHHMMZZZ
					ZZZ = Time zone
					304 = CCYYMMDDHHMMSSZZZ
					ZZZ = Time zone
					X03 = CCYYMMDDHHMMZZZZZ (*)
					ZZZZZ = Time zone
					X04 = CCYYMMDDHHMMSSZZZZZ (*)
					ZZZZZ = Time zone
					(*) EDIFICE code

QTY   Quantity

Function: A segment specifying a quantity.
Usage   : M1
Notes   :

Ref. Rep. Name		EDIFICE Utilisation
C186 M QUANTITY DETAILS	M	

6063 an..3 M Quantity qualifier	M	3 = Cumulative quantity
		      This is the sum of the quantities for
		      this line item in the QTY segment in
		      SG18.
		48 = Received quantity
		58 = Quantity withdrawn
		      Quantity consumed from inventory.
		66 = Committed quantity
		      Liability quantity as defined in a
		      contractual agreement.
		70 = Cumulative quantity received
		83 = Backorder quantity
		      Quantity previously requested for
		      delivery before current date and not
		      yet fulfilled.
		97 = Minimum inventory
		98 = Maximum inventory
		145 = Actual stock
		      Inventory quantity – Customer owned
		152 = Consignment stock
		      Supplier owned

6060 n..15 M Quantity	M	
6411 an..3 C Measure unit qualifier	R	Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement: CLT = centilitre CMT = centimetre GRM = gram KGM = kilogram KMT = kilometre LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece (*) (*) EDIFICE code, not included in UN/ECE Recommendation No.20 Other codes should be previously agreed between trading partners.

DTM   Date/time/period

Function: A segment specifying a date/time related to the quantity.
Usage   : D..2
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	50 = Goods receipt date/time
					158 = Horizon start date
					159 = Horizon end date
					366 = Inventory report date
					LSD = Liability start date (*)
					Date when the customer begins its
					liability commitment to the supplier
					for the referenced part number in
					the forecast.
					(*) EDIFICE code
2380	an..35	C	Date/time/period	R	
2379	an..3	C	Date/time/period format qualifier	R	102 = CCYYMMDD
					203 = CCYYMMDDHHMM
					303 = CCYYMMDDHHMMZZZ
					ZZZ = Time zone
					304 = CCYYMMDDHHMMSSZZZ
					ZZZ = Time zone
					X03 = CCYYMMDDHHMMZZZZZ (*)
					ZZZZZ = Time zone
					X04 = CCYYMMDDHHMMSSZZZZZ (*)
					ZZZZZ = Time zone
					(*) EDIFICE code

SG16   RFF-DTM

RFF   Reference

Function: A segment specifying a document reference number and its appropriate line number,
          identifying the quantity received or consumed from inventory.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C506		M	REFERENCE	M	
1153	an..3	M	Reference qualifier	M	AAK = Despatch advice number
					IV = Invoice number
					PK = Packing list number
					SRN = Shipment reference number
					TN = Transaction reference number
1154	an..35	C	Reference number	R	
1156	an..6	C	Line number	O	
4000	an..35	C	Reference version number	N	
1060	an..6	C	Revision number	N	

DTM   Date/time/period

Function: A segment specifying the date/time of the reference document.
Usage   : O1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	171 = Reference date/time
2380	an..35	C	Date/time/period	R	
2379	an..3	C	Date/time/period format qualifier	R	102 = CCYYMMDD
					203 = CCYYMMDDHHMM
					303 = CCYYMMDDHHMMZZZ
					ZZZ = Time zone
					304 = CCYYMMDDHHMMSSZZZ
					ZZZ = Time zone
					X03 = CCYYMMDDHHMMZZZZZ (*)
					ZZZZZ = Time zone
					X04 = CCYYMMDDHHMMSSZZZZZ (*)
					ZZZZZ = Time zone
					(*) EDIFICE code

SCC   Scheduling conditions

Function: A segment specifying information on the liability commitment of the buyer to this
          schedule.
Usage : M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
4017	an..3	M	DELIVERY PLAN COMMITMENT LEVEL, CODED	M	1 = Firm 2 = Commitment for manufacturing and material 3 = Commitment for material 4 = Planning/forecast
4493	an..3	C	DELIVERY INSTRUCTION, CODED	N	
C329		C	PATTERN DESCRIPTION	N	
2013	an..3	C	Frequency, coded	N	
2015	an..3	C	Despatch pattern, coded	N	
2017	an..3	C	Despatch pattern timing, coded	N	

SG18   QTY-DTM-SG19

QTY   Quantity

Function: A segment specifying a quantity.
Usage   : M1
Notes   : EDIFICE recommends that DE 6063 should identify all quantities required on the specified
          date, by using code '131'. If trading partners require it, by agreement, DE 6063 could be
          used to identify details of how the scheduled quantities may be changing using the codes
          '18', '21', '85' and '94'.

Ref. Rep. Name		EDIFICE Utilisation
C186 M QUANTITY DETAILS	M	

6063 an..3 M Quantity qualifier	M	18 = Previous quantity
		       No change
		21 = Ordered quantity
		       New quantity
		85 = Previous order quantity to be cancelled
		       Cancellation
		94 = Substitutional quantity
		       Change to an existing quantity
		131 = Delivery quantity

6060 n..15 M Quantity	M	0 if DE 6063 = 85
6411 an..3 C Measure unit qualifier	R	Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement: CLT = centilitre CMT = centimetre GRM = gram KGM = kilogram KMT = kilometre LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece (*) (*) EDIFICE code, not included in UN/ECE Recommendation No. 20 Other codes should be previously agreed between trading partners.

DTM

SG18   QTY-DTM-SG19

DTM   Date/time/period

Function: A segment specifying the corresponding time-frame i.e. horizon start and end date/time or
          discrete date/time of the quantity.
Usage   : R..2
Notes   :

Ref. Rep. Name	EDIFICE Utilisation
C507 M DATE/TIME/PERIOD	M

2005 an..3 M Date/time/period qualifier	M 2 = Delivery date/time, requested
	        Date on which buyer requests goods
	        to be delivered
	    10 = Shipment date/time, requested
	        Date on which goods should be shipped
	        or despatched by the supplier
	    158 = Horizon start date
	    159 = Horizon end date

2380 an..35 C Date/time/period	R

2379 an..3 C   Date/time/period format
                  qualifier
	R 102 = CCYYMMDD
	    203 = CCYYMMDDHHMM
	    303 = CCYYMMDDHHMMZZZ
	        ZZZ = Time zone
	    304 = CCYYMMDDHHMMSSZZZ
	        ZZZ = Time zone
	    X03 = CCYYMMDDHHMMZZZZZ (*)
	        ZZZZZ = Time zone
	    X04 = CCYYMMDDHHMMSSZZZZZ (*)
	        ZZZZZ = Time zone
	    (*) EDIFICE code

SG19   RFF-DTM

RFF   Reference

Function: A segment specifying a document reference number and its appropriate line number.
Usage   : M1
Notes   :

Ref. Rep. Name	EDIFICE Utilisation
C506 M REFERENCE M	FDS = Firm delivery schedule reference number
1153 an..3 M Reference qualifier M	(*)
	Reference number assigned by the buyer
	to a specific firm delivery schedule.
	ON = Order number (purchase)
1154 an..35 C Reference number R	(*) EDIFICE code
1156 an..6 C Line number O	
4000 an..35 C Reference version number N	
1060 an..6 C Revision number N	

DTM   Date/time/period

Function: A segment specifying the date/time of the reference document.
Usage   : O1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	171 = Reference date/time
2380	an..35	C	Date/time/period	R	
2379	an..3	C	Date/time/period format qualifier	R	102 = CCYYMMDD
					203 = CCYYMMDDHHMM
					303 = CCYYMMDDHHMMZZZ
					ZZZ = Time zone
					304 = CCYYMMDDHHMMSSZZZ
					ZZZ = Time zone
					X03 = CCYYMMDDHHMMZZZZZ (*)
					ZZZZZ = Time zone
					X04 = CCYYMMDDHHMMSSZZZZZ (*)
					ZZZZZ = Time zone
					(*) EDIFICE code

SG20   PAC-QTY

PAC   Package

Function: A segment specifying the product package type.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
7224	n..8	C	NUMBER OF PACKAGES	N	
C531		C	PACKAGING DETAILS	N	
7075	an..3	C	Packaging level, coded	N	
7233	an..3	C	Packaging related information, coded	N	
7073	an..3	C	Packaging terms and conditions, coded	N	
C202		C	PACKAGE TYPE	R	
7065	an..17	C	Type of packages identification	R	The following codes are taken from UN/ECE Recommendation no.21, (TDED 5.8): BA = Barrel BB = Bobbin BE = Bundle BG = Bag BQ = Bottle, protected cylindrical BV = Bottle, protected bulbous BX = Box CG = Cage CN = Container (*) CR = Crate CS = Case CT = Carton CX = Can, cylindrical DR = Drum EN = Envelope NE = Unpacked or unpackaged PC = Parcel PE = Pallet (*) PK = Package PU = Tray RL = Reel RO = Roll SW = Shrinkwrapped TN = Tin TU = Tube (*) EDIFICE code, not included in UN/ECE Recommendation No. 21 The following codes are taken from EIDX documentation: BLK90 = Standard Bulk RAL90 = Standard Rail (semiconductor) REL90 = Standard Reel TRY90 = Standard Tray
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	D	Only used if the code is taken from EIDX documentation. 116 = US, ANSI ASC X12
7064	an..35	C	Type of packages	N	
C402		C	PACKAGE TYPE IDENTIFICATION	N	
7077	an..3	M	Item description type, coded	N	
7064	an..35	M	Type of packages	N	
7143	an..3	C	Item number type, coded	N	
7064	an..35	C	Type of packages	N	
7143	an..3	C	Item number type, coded	N	
C532		C	RETURNABLE PACKAGE DETAILS	N	
8395	an..3	C	Returnable package freight payment responsibility, coded	N	
8393	an..3	C	Returnable package load contents, coded	N	

SG20   PAC-QTY

QTY   Quantity

Function: A segment specifying the number of products contained in the package type.
Usage   : O1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C186		M	QUANTITY DETAILS	M	
6063	an..3	M	Quantity qualifier	M	52 = Quantity per pack
6060	n..15	M	Quantity	M	
6411	an..3	C	Measure unit qualifier	N	

NAD   Name and address

Function: A segment identifying the buyer as the party requesting the certificates, or identifying
         the manufacturer's code, for the line item.
Usage   : M1
Notes   : CO C082 is only used if DE 3035 = 'MF'.

Ref.	Rep.		Name		EDIFICE Utilisation
3035	an..3	M	PARTY QUALIFIER	M	BY = Buyer
					MF = Manufacturer of goods
C082		C	PARTY IDENTIFICATION DETAILS	D	
3039	an..35	M	Party identification	M	Manufacturer's code
1131	an..3	C	Code list qualifier	D	
3055	an..3	C	Code list responsible agency,	R	To be agreed between trading partners
			coded		
C058		C	NAME AND ADDRESS	N	
3124	an..35	M	Name and address line	N	
3124	an..35	C	Name and address line	N	
3124	an..35	C	Name and address line	N	
3124	an..35	C	Name and address line	N	
3124	an..35	C	Name and address line	N	
C080		C	PARTY NAME	N	
3036	an..35	M	Party name	N	
3036	an..35	C	Party name	N	
3036	an..35	C	Party name	N	
3036	an..35	C	Party name	N	
3036	an..35	C	Party name	N	
3045	an..3	C	Party name format, coded	N	
C059		C	STREET	N	
3042	an..35	M	Street and number/p.o. box	N	
3042	an..35	C	Street and number/p.o. box	N	
3042	an..35	C	Street and number/p.o. box	N	
3042	an..35	C	Street and number/p.o. box	N	
3164	an..35	C	CITY NAME	N	
3229	an..9	C	COUNTRY SUB-ENTITY	N	
			IDENTIFICATION		
3251	an..9	C	POSTCODE IDENTIFICATION	N	
3207	an..3	C	COUNTRY, CODED	N	

DOC   Document/message details

Function: A segment specifying a requested certificate
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C002		M	DOCUMENT/MESSAGE NAME	M	
1001	an..3	C	Document/message name, coded	R	2 = Certificate of conformity
					861 = Certificate of origin
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
1000	an..35	C	Document/message name	N	
C503		C	DOCUMENT/MESSAGE DETAILS	N	
1004	an..35	C	Document/message number	N	
1373	an..3	C	Document/message status, coded	N	
1366	an..70	C	Document/message source	N	
3453	an..3	C	Language, coded	N	
1056	an..9	C	Version	N	
1060	an..6	C	Revision number	N	
3153	an..3	C	COMMUNICATION CHANNEL IDENTIFIER, CODED	N	
1220	n..2	C	NUMBER OF COPIES OF DOCUMENT REQUIRED	N	
1218	n..2	C	NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	N	

UNT   Message trailer

Function: A service segment ending, and providing information for checking the completeness of a
         message.
Usage   : M1
Notes   : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDSS04.

Ref.	Rep.		Name		EDIFICE Utilisation
0074	n..6	M	NUMBER OF SEGMENTS IN THE MESSAGE	M	Count of all segments in the message, UNH and UNT included.
0062	an..14	M	MESSAGE REFERENCE NUMBER	M	Must be the same reference number as in DE 0062 of the UNH segment of this message.

<u>EXAMPLES</u>

EXAMPLE 1 – Planning Forecast

        BUYER   Planning Forecast   SELLER
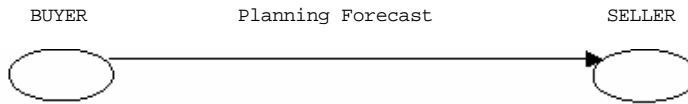
Forecasts are supplied from the buyer to the seller for planning purposes only.

Typically the forecast horizon will be over a longer term, whilst shipments from the seller to the
buyer are scheduled over a shorter horizon. Actual deliveries are released based on a separate call
off by the buyer.


```
UNB+UNOC:3+123456789:1:X+987654321:
1:X+021209:1909+88+X:
AA+DELFOR++1+X+1'
UNH+1+DELFOR:D:98B:UN:EDDF06'
BGM+A::8+5678+9'
DTM+137:19980217:102'

RFF+ALM:5677'

RFF+CT:999456'

NAD+BY+MAGIMAX LTD::92'

NAD+SE+ABC SUPPLIES::91'

CTA+PD+:PETER SMITH'
COM+0756-551459:TE'

GIS+94'

NAD+DP+MAGIMAX STORES LTD::92'

LIN+1++ABC00071:BP::92'
PIA+1+ACT2T:VP::91'

QTY+3:1000:PCE'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980316:102'
DTM+159:19980322:102'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980323:102'
DTM+159:19980329:102'
UNT+23+1'
UNZ+1+88'
```

EXAMPLE 2 –   Planning Forecast with Embedded Release
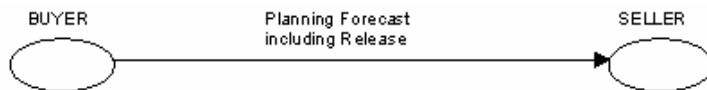
The buyer supplies a regular net planning forecast, against which the seller manufactures goods
ready for shipment. Actual deliveries are released based on firm calloff requirements included
alongside the delivery forecast information.

In this scenario, typically, the forecast may be weekly, and the requirement includes the firm
short-term deliveries which may be for one or more times in the week.

EDIFICE recommends that the horizon of firm requirements embedded in the message is kept short,
otherwise a more conventional ordering model should be used.

```
UNB+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+DELFOR++1+X+1'
UNH+1+DELFOR:D:98B:UN:EDDF06'
BGM+D::8+5678+9'
DTM+137:19980217:102'

RFF+ALM:5677'

RFF+CT:999456'

NAD+BY+MAGIMAX LTD::92'

NAD+SE+ABC SUPPLIES::91'

CTA+PD+:PETER SMITH'
COM+0756-551459:TE'

GIS+94'

NAD+DP+MAGIMAX STORES LTD::92'

LIN+1++ABC00071:BP::92'
PIA+1+ACT2T:VP::91'

QTY+3:1500:PCE'

SCC+1'

QTY+131:500:PCE'
DTM+2:19980225:102'

RFF+ON:6785432:1'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980316:102'
DTM+159:19980322:102'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980323:102'
DTM+159:19980329:102'
UNT+27+1'
UNZ+1+88'
```

EXAMPLE 3 – Supplier Managed Inventory (SMI)
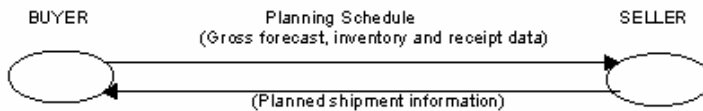
This is the standard Supplier Managed Inventory scenario.

The buyer supplies regular gross forecasts, updated inventory target information, actual on-hand inventory and details of last receipts. The seller then calculates required shipments to meet the production and inventory needs, and schedules shipments accordingly.

The seller may provide information on planned shipments for the buyer to monitor and to plan goods inwards facilities.

One single message, DELFOR, from buyer to seller, is recommended for synchronisation of data and ease of processing.

* Inventory targets e.g. maximum/minimum levels, could be agreed and defined externally, in the supplier's processing application, rather than in every message.


```
UNB+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+DELFOR++1+X+1'
UNH+1+DELFOR:D:98B:UN:EDDF06'
BGM+G::8+5678+9'
DTM+137:19980217:102'

RFF+ALM:5677'

RFF+CT:999456'

NAD+BY+MAGIMAX LTD::92'

NAD+SE+ABC SUPPLIES::91'

CTA+PD+:PETER SMITH'
COM+0756-551459:TE'

GIS+94'

NAD+DP+MAGIMAX STORES LTD::92'

LIN+1++ABC00071:BP::92'
PIA+1+ACT2T:VP::91'

RFF+BO:6785432:1'

QTY+145:10123:PCE'
DTM+366:19980217:102'

QTY+97:7500:PCE'

QTY+98:15000:PCE'

QTY+48:1000:PCE'
DTM+50:19980218:102'

RFF+AAK:DA1234'

QTY+3:1000:PCE'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980316:102'
DTM+159:19980322:102'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980323:102'
DTM+159:19980329:102'
UNT+31+1'
UNZ+1+88'
```
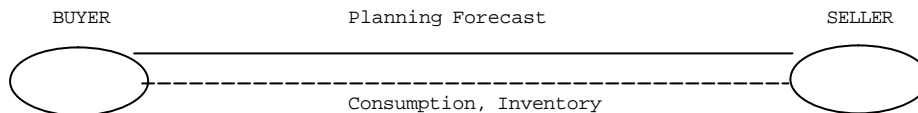
EXAMPLE 4 – Planning Forecast with Consignment Stock

```
        BUYER                  Planning Forecast            SELLER
     _____      _____    _____
    /           \    |                                |   /           \
   |             |   |--------------------------------|  |             |
    _____/            Consumption, Inventory       _____/
```

The buyer provides regular forecasts of gross requirements, to ship into stock on the buyer's
premises. The buyer manages the inventory levels/replenishment within parameters agreed with the
seller: the inventory is still the property of the seller. Actual shipments may be made on the basis
of firm order requirements embedded within the forecast message.
Consumption is reported by the buyer as a basis for the seller to keep track of the inventory and to
raise invoices or check self-billing invoices.
Inventory information is supplied by the buyer as required, for audit/reconciliation purposes. This
would include the last receipt details for reconciliation with goods in transit from the seller.
Note: this is NOT SMI.

DELFOR messages are typically weekly, but if consumption is reported on a more frequent basis (for
example, daily) then the INVRPT message may be more appropriate.

```
UNB+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+DELFOR++1+X+1'
UNH+1+DELFOR:D:98B:UN:EDDF06'
BGM+E::8+5678+9'
DTM+137:19980217:102'

RFF+ALM:5677'

RFF+CT:999456'

NAD+BY+MAGIMAX LTD::92'

NAD+SE+ABC SUPPLIES::91'

CTA+PD+:PETER SMITH'
COM+0756-551459:TE'

GIS+94'

NAD+DP+MAGIMAX STORES LTD::92'

LIN+1++ABC00071:BP::92'
PIA+1+ACT2T:VP::91'

QTY+145:10123:PCE'
DTM+366:19980217:102'

QTY+48:5629:PCE'
DTM+50:19980218:102'

RFF+AAK:DA1234'

QTY+58:6643:PCE'

RFF+TN:12345'

QTY+3:1500:PCE'

SCC+1'

QTY+131:500:PCE'
DTM+2:19980225:102'

RFF+ON:6785432:1'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980316:102'
DTM+159:19980322:102'

SCC+4'

QTY+131:500:PCE'
DTM+158:19980323:102'
DTM+159:19980329:102'
UNT+34+1'
UNZ+1+88'
```