```
+---------------------------+
!                           !
!        Issue 3            !
!        -------            !
!                           !
!                           !
!      ENDORSED BY EDIFICE  !
!                           !
!         1997-04-09        !
!                           !
+---------------------------+
```

EDIFICE - UTILISATION

OF THE

EDIFACT - DELFOR MESSAGE

(DELIVERY SCHEDULE MESSAGE)

TABLE OF CONTENTS

COMPARISON TO PREVIOUS ISSUE

While retaining compatibility with Issue 2 (endorsed Sept.1993), the
objective of this new issue, which is also based on the EDIFACT 92.1
DELFOR message, is to provide additional functionality for the users.
Also, this message guideline is now aligned with the EDIFACT approved
data element codes, wherever relevant.

The EDIFICE functional definition has been rewritten. Four simplified
business models showing the potential usage of DELFOR have been included.

New capabilities made available with this issue of the DELFOR guidelines:
- Data required for Inventory Management by the supplier.
- Support for multiple explicit or implicit product receipts to allow for
  identification of shipments in-transit between partners.

Two additional segments have been added to the Issue 2, and modifications
to the usage and number of repetitions have been made to the previous issue
as follows:

BGM segment   DE 1001 now includes the additional code 'SMI' for Supplier
               Managed Inventory
SG 2   NAD segment. DE 3055 now includes '16' for DUNS.
               COM segment. DE 3155. 'TL' for telex is replaced by 'EM'for
               electronic mail
SG18   The "Function:" definition is now less restrictive.
               LIN and PIA segments. DE 7143 now includes 'UP' for universal
               product code.
               IMD segment. DE 7081 now includes '26' for ship to line.
               An additional DTM segment has been included in SG20.
SG20   This group will now be used to carry all quantity information
               which is not related to delivery schedules. Usage of this
               group is increased to 50 repetitions.
               QTY segment now conveys inventories, receipts, and usage, as
               well as retaining the sum of deliveries (as in Issue 2).
               Two DTM segments associated with these QTY segments are added.
SG21   Has been added to provide the necessary references for received
               or withdrawn quantities.
SG22   PAC segment. The package types for the Electronics industry
               are included.
SG24   This group carries the delivery schedules, and in line with
               the recommendations, it is now restricted to a single delivery
               point.
               NAD segment. Recommended DE 3035 use 'DP' identical to header
               and DE 3055 now includes '16' for DUNS.
SG27   QTY segment. DE 6063 here is now restricted only to using '131'
               for delivery quantity.
               SCC segment. "Function:" definition has changed.
               DTM segment. DE 2005 now includes '10' for requested shipment
               date/time.
SG28   RFF provides the references and now includes 'CT' for contract
               number and 'PDN' has been removed.
SG29   Usage changed from optional to depending.
SG30   Increased to 10 repetitions.
               RFF segment. DE 1153 now includes 'PK' for packing list.

The references section has been rewritten.
The EDIFICE message diagram has been updated.
The examples have been updated.

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 EDIFACT Delivery Schedule message supports two scheduling methods, of
which only one may be used in a single message:

1) Delivery Point Driven. 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.

2) Product Driven. This is when a given product is to be delivered to a
number of different delivery points. This means that product information
triggers address information.

EDIFICE strongly recommends usage of the delivery point driven method,
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.

Simplified Business Models

The Delivery Schedule message can be used in a number of different
business models, of which typical and simplified examples are shown
here:

a) Forecast in addition to conventional orders (traditional order cycle)

```
+---------+       +---------+
!         !  Blanket Order  /  Contract                  !         !
!         !<--------------------------------------------->!         !
!         !  ORDERS '221'                                 !         !
!         !                                               !         !
!         !  Net Forecast                                 !         !
!  BUYER  !---------------------------------------------->!  SELLER !
!         !  DELFOR '241'                                 !         !
!         !                                               !         !
!         !  Orders                                        !         !
!         !---------------------------------------------->!         !
!         !  ORDERS '220'                                 !         !
+---------+       +---------+
```
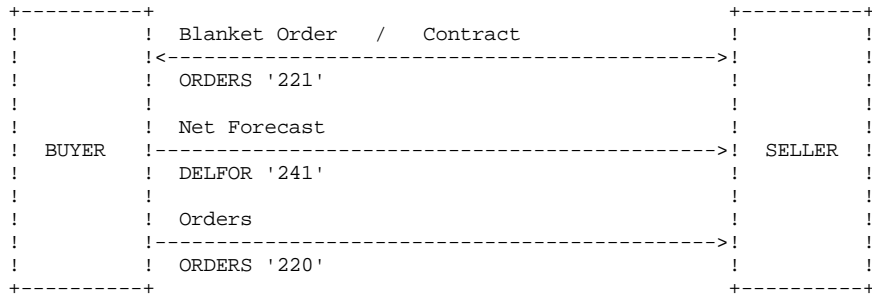
b) Forecast and separate call-off

```
+---------+       +---------+
!         !  Blanket Order  /  Contract                  !         !
!         !<--------------------------------------------->!         !
!         !  ORDERS '221'                                 !         !
!         !                                               !         !
!         !  Net Forecast   /   Tentative Orders          !         !
!  BUYER  !---------------------------------------------->!  SELLER !
!         !  DELFOR '241'                                 !         !
!         !                                               !         !
!         !  Call-off                                     !         !
!         !---------------------------------------------->!         !
!         !  DELJIT '242'                                 !         !
+---------+       +---------+
```
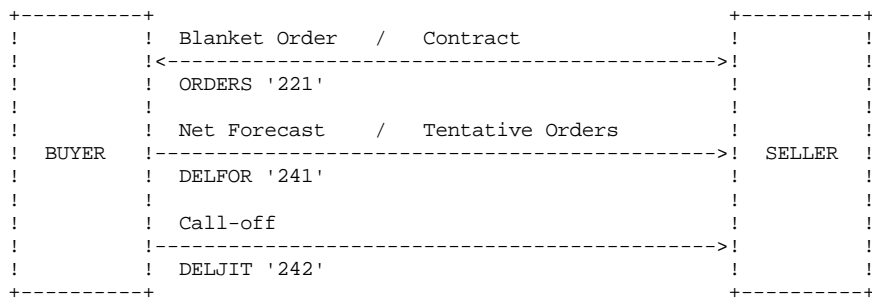
c) Forecast and embedded order/call-off

```
+---------+       +---------+
!         !  Blanket Order  /  Contract                  !         !
!         !<--------------------------------------------->!         !
!         !  ORDERS '221'                                 !         !
!  BUYER  !                                               !  SELLER !
!         !                                               !         !
!         !  Net Forecast and Firm Order  /  Call-off     !         !
!         !---------------------------------------------->!         !
!         !  DELFOR '241'                                 !         !
+---------+       +---------+
```

d) Forecast-based Supplier Managed Inventory

```
+---------+       +---------+
!         !  Blanket Order  /  Contract                  !         !
!         !<--------------------------------------------->!         !
!         !  ORDERS '221'                                 !         !
!  BUYER  !                                               !  SELLER !
!         !                                               !         !
!         !  Gross Forecast, Min/Max/Actual Inventory     !         !
!         !---------------------------------------------->!         !
!         !  DELFOR 'SMI'                                 !         !
+---------+       +---------+
```
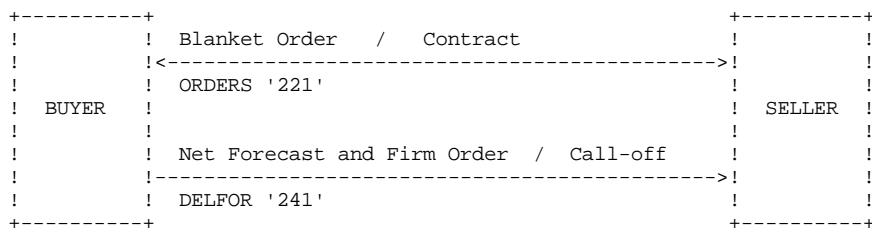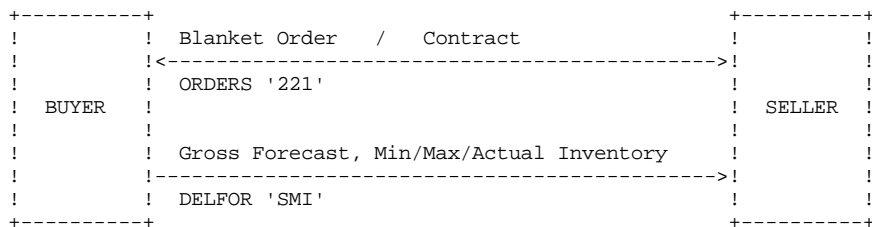
REFERENCES

UN/EDIFACT TRIAL DIRECTORY 92.1 1992-09-25
      - DRAFT RECOMMENDATION DELFOR MESSAGE
            Message Type   : DELFOR
            Version   : 1
            Release   : 921
            Contr. Agency   : UN
            Status   : 1
            Date   : 92-09
      - DATA SEGMENTS DIRECTORY
      - COMPOSITE DATA ELEMENTS DIRECTORY
      - DATA ELEMENTS DIRECTORY
      - CODE LISTS

UN/EDIFACT D.96B DRAFT DIRECTORY 1996-07-08
      - CODE LISTS

International Standards
      - ISO 9735 EDIFACT - Application level syntax rules
          First edition 1988-07-15
          Amended and Reprinted 1990-11-15
      - ISO 3166 Code for the Representation of Names of Countries
          Date   : 1993
      - ISO 4217 Code for the Representation of Currencies and Funds
          Date   : 1995

UN/ECE Recommendations
      - No 20 Codes for Units of Measure used in International Trade
          Date   : August 1995

Core European Implementation Guidelines
      - Introduction
          Date   : 1996-01-22
      - Delivery Schedule message
          EDIFACT Directories : 92.1
          Date   : 1994-05-17

EDIFICE
      - Standards for Documentation of the EDIFICE Message Guidelines
          Issue   : 2
          Status : DRAFT
          Date   : March 3, 1995
      - EDIFICE Proposed Utilisation of the EDIFACT Service Segments
          Issue   : 2
          Date   : June 22, 1993

EXPLANATORY NOTES

The following abbreviations are used within this document:

CO = Composite Data Element
DE = Data Element
SG = Segment Group

The following terms and codes are used to indicate, in a more detailed and
precise way than EDIFACT, the usage of the data concerned in the EDIFICE
Guidelines:

```
            EDIFACT            EDIFICE
            -------            -------

            M (Mandatory)      M (Mandatory)

            C (Conditional)    R (Required)

            C (Conditional)    D (Depending)

            C (Conditional)    A (Advised)

            C (Conditional)    O (Optional)

            C (Conditional)    X (Not used)
```

Mandatory = EDIFACT dictates that the Data Element or Segment must be
             present.

Required = EDIFICE members agree that the data concerned must be sent.

Depending = The data concerned must be sent if a particular defined
             condition or set of conditions exists. The associated
             conditions must be explained at the appropriate level of
             detail.

Advised   = Indicates that the RECEIVER of the message would prefer the
             data concerned to be sent, but does not require its
             transmission.

Optional = Indicates that the transmission of the data concerned is at
             the need or discretion of the SENDER, i.e. it is not required
             by the receiver in order to perform its business function.
             EDIFICE requires that the use of 'O' must be agreed between
             trading partners.

Not Used = The Data Element or Segment will not be used by EDIFICE
             members.

Where a Composite Data Element is indicated as Not Used, the column 'usage
status' for the Component Data Elements will remain blank.

EXPLANATORY NOTES continued.

The number of occurrences shown in the message diagram indicates the
required or maximum number of occurrences for the EDIFICE utilisation.

The EDIFICE usage status and number of occurrences for segments or segment
groups will be represented analogue to the representation of data elements

e.g.: R3   The segment or group is required 3 times (fixed number)
      R..3 The segment or group is required up to 3 times (maximum number)

The following table indicates the number of integer and decimal digits to
be used for numeric data elements when needed:

Numeric Class	Repr: Digits	Integer Digits	Decimals
Dimensions	n..18	15	3
Weights	n..18	15	3
Cubes	n..18	15	3
Quantities	n..15	12	3
Unit prices	n..15	11	4
Amounts	n..18	15	3
Currency rates	n..12	6	6
Percentages	n..8	3	5

EDIFICE recommends that where there are significant decimals, these are
explicitly stated using a decimal mark in a character position. Similarly
the minus sign should be used to explicitly state a negative value.

```
EDIFICE MESSAGE DIAGRAM
-----------------------


UNH    Message header                     M1
BGM    Beginning of message               M1
DTM    Date/time/period                   R1

--- Segment Group   1 ------------------------- D..4 ---------------+
RFF    Reference                          M1 ---------------------------+

--- Segment Group   2 ------------------------- R..5 ---------------+
NAD    Name and address                   M1                          !
                                                                      !
--- Segment Group   3 ------------------------- O..2 -------------+ !
CTA    Contact information                M1                      ! !
COM    Communication contact              R..3 ---------------------+-+

UNS    Section control                    M1

--- Segment Group  18 ------------------------- R..9999 ------------+
LIN    Line item                          M1                         !
PIA    Additional product id              D..10                      !
IMD    Item description                   D1                         !
                                                                     !
--- Segment Group  19 ------------------------- D..4 -------------+ !
RFF    Reference                          M1 -----------------------+ !
                                                                     !
--- Segment Group  20 ------------------------- R..50 ------------+ !
QTY    Quantity                           M1                       ! !
DTM    Date/time/period                   R..2                     ! !
                                                                   ! !
--- Segment Group  21 ------------------------- D..5 -----------+ ! !
RFF    Reference                          M1  -------------------+-+ !
                                                                     !
--- Segment Group  22 ------------------------- O1 ---------------+ !
PAC    Package                            M1 -----------------------+ !
                                                                     !
--- Segment Group  24 ------------------------- R1 ---------------+ !
NAD    Name and address                   M1                       ! !
                                                                   ! !
--- Segment Group  27 ------------------------- R..50 -----------+ ! !
QTY    Quantity                           M1                      ! ! !
SCC    Scheduling conditions              R1                      ! ! !
DTM    Date/time/period                   R..2                    ! ! !
                                                                  ! ! !
--- Segment Group  28 ------------------------- D..2 ----------+ ! ! !
RFF    Reference                          M1 -------------------+-+ ! !
                                                                  ! !
--- Segment Group  29 ------------------------- D1 -------------+ ! !
QVA    Quantity variances                 M1                    ! ! !
                                                                ! ! !
--- Segment Group  30 ------------------------- A..10 ---------+ ! ! !
RFF    Reference                          M1 -------------------+-+-+-+

UNS    Section control                    M1
UNT    Message trailer                    M1
```

```
UNH    MESSAGE HEADER
-------------------
Function: To head, identify and specify a message.
Usage   : M1
Remarks : Refer to EDIFICE Proposed Utilisation of the EDIFACT Service
          Segments, Issue 2.


Ref. Rep.     Name                     ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                       ! !
0062 an..14 M MESSAGE REFERENCE NUMBER !M! See Note 1
                                       ! !
S009        M MESSAGE IDENTIFIER       !M!
0065 an..6  M  Message type identifier !M! 'DELFOR'
0052 an..3  M  Message type version    !M! '1'
               number                  ! !
0054 an..3  M  Message type release    !M! '921'
               number                  ! !
0051 an..2  M  Controlling agency      !M! 'UN'
0057 an..6  C  Association assigned    !R! 'ED3'
               code                    ! !
                                       ! !
0068 an..35 C COMMON ACCESS REFERENCE  !X!
                                       ! !
S010        C STATUS OF THE TRANSFER   !O!
0070 n..2   M  Sequence message        !M!
               transfer number         ! !
0073 a..1   C  First/last sequence     !O!
               message transfer        ! !
               indication              ! !
                                       ! !
---------------------------------------+-+-----------------------------

Note  1:  DE  0062  MESSAGE REFERENCE NUMBER
          Transmission message count from 1
```

BGM   BEGINNING OF MESSAGE

Function: To indicate the beginning of the Delivery Schedule message,
          the type of transaction being performed, and to transmit the
          delivery schedule number.
Usage   : M1
Remarks :


```
Ref.  Rep.      Name                    ! EDIFICE UTILISATION
----  --------  ------------------------+-+------------------------------
                                        ! !
C002          C DOCUMENT/MESSAGE NAME   !R!
1001 an..3    C Document/message name,  !R! See Note 1
                coded                   ! !
1131 an..3    C Code list qualifier     !X!
3055 an..3    C Code list responsible   !X!
                agency, coded           ! !
1000 an..35   C Document/message name   !X!
                                        ! !
1004 an..35   C DOCUMENT/MESSAGE NUMBER !R! Delivery schedule number
                                        ! !
1225 an..3    C MESSAGE FUNCTION, CODED !X!
                                        ! !
4343 an..3    C RESPONSE TYPE, CODED    !X!
                                        ! !
------------------------------------+-+------------------------------
```

Note 1: DE 1001 Document/message name, coded
          '241' Delivery schedule
          'SMI' Supplier managed inventory *
          In a Supplier Managed Inventory environment, the supplier is
          responsible for the replenishment of the customer's stocks based
          on the customer's gross forecast, minimum, maximum and actual
          inventory on hand.

          * Use this code until EDIFACT makes one available.

```
DTM    DATE/TIME/PERIOD
       ---------------------
```

Function: To specify the date of the Delivery Schedule message.
Usage   : R1
Remarks : In DE 2379, the EDIFICE recommended format is coded '102'.

```
Ref. Rep.      Name                    ! EDIFICE UTILISATION
---- -------- ------------------------+-+-----------------------------
                                       ! !
C507        M DATE/TIME/PERIOD         !M!
2005 an..3  M  Date/time/period        !M! See Note 1
              qualifier                ! !
2380 an..35 C  Date/time/period        !R!
2379 an..3  C  Date/time/period format !R! See Note 2
              qualifier                ! !
                                       ! !
---------------------------------------+-+-----------------------------
```

Note 1: DE 2005 Date/time/period qualifier
          '137' Document/message date/time

Note 2: DE 2379 Date/time/period format qualifier
          '101' YYMMDD
          '102' CCYYMMDD
          '201' YYMMDDHHMM
          '203' CCYYMMDDHHMM

```
SEGMENT GROUP   1
----------------


Function: To indicate reference documents associated with the whole
          Delivery Schedule message.
Usage   : D..4
Remarks : Reference (RFF) segments specifying contract or previous
          delivery schedule information should be present. Where the
          information refers to the whole Delivery Schedule message it
          must be in SG1. Where the information is different
          for various Line Items (LIN) it must appear in every SG19
          and not here.


--- Segment Group   1 --------------------------- D..4 ---------------+
RFF    Reference                              M1 -------------------------+
```

```
RFF    REFERENCE
---------------
```

Function: To specify a reference associated with the whole Delivery
          Schedule message.
Usage   : M1
Remarks : This RFF segment is used where blanket order, contract and/or
          delivery schedule information applies to the whole message.


```
Ref. Rep.      Name                     ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                        ! !
C506         M REFERENCE                !M!
1153 an..3  M  Reference qualifier      !M! See Note 1
1154 an..35 C  Reference number         !R! As specified by DE 1153
1156 an..6  C  Line number              !X!
4000 an..35 C  Reference version number !X!
                                        ! !
-----------------------------------------+-+-----------------------------
```

Note 1: DE 1153 Reference qualifier
             'AAD' Contract addendum number
             'ALM' Previous delivery schedule number
             'BO' Blanket order number
             'CT' Contract number
                   Reference number of the contract between two parties

SEGMENT GROUP   2

Function: A group of segments that identify name, address and contacts
          of the parties relevant to the whole Delivery Schedule message.
Usage   : R..5
Remarks : The NAD segments that identify the buyer and the seller must be
          present. It should be noted that the current EDIFACT structure
          only allows 'Freight forwarder' and 'Invoicee' codes to be given
          in this Segment Group. Where there is more than one freight
          forwarder or invoicee then a separate Delivery Schedule message
          must be sent for each one.


```
--- Segment Group   2 --------------------------- R..5 ---------------+
NAD   Name and address                      M1                        !
                                                                      !
--- Segment Group   3 --------------------------- O..2 -------------+ !
CTA   Contact information                   M1                    ! !
COM   Communication contact                 R..3 -----------------+-+
```

NAD   NAME AND ADDRESS

Function: To specify the identification/name/address of the parties
          involved in the Delivery Schedule message.
Usage   : M1
Remarks : EDIFICE advises that the Party Identification (CO C082) be used.
           When CO C082 cannot be used EDIFICE recommends using the
           structured name and address elements (CO C080 through DE 3207),
           rather than the unstructured one (CO C058).


```
Ref. Rep.      Name                     ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                        ! !
3035 an..3  M PARTY QUALIFIER           !M! See Note 1
                                        ! !
C082        C PARTY IDENTIFICATION      !A!
              DETAILS                   ! !
3039 an..17 M  Party id identification  !M!
1131 an..3  C  Code list qualifier      !X!
3055 an..3  C  Code list responsible    !R! See Note 2
               agency, coded            ! !
                                        ! !
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 !X!
                                        ! !
C059        C STREET                    !D!
3042 an..35 M  Street and number/P.O.   !M!
               Box                      ! !
3042 an..35 C  Street and number/P.O.   !O!
               Box                      ! !
3042 an..35 C  Street and number/P.O.   !O!
               Box                      ! !
                                        ! !
3164 an..35 C CITY NAME                 !D!
                                        ! !
3229 an..9  C COUNTRY SUB-ENTITY        !D!
              IDENTIFICATION            ! !
                                        ! !
3251 an..9  C POSTCODE IDENTIFICATION   !D!
                                        ! !
3207 an..3  C COUNTRY, CODED            !D! See Note 3
                                        ! !
----------------------------------------+-+-----------------------------
```

Note 1: DE 3035 PARTY QUALIFIER
          'BY' Buyer
          'DP' Delivery party
          'FW' Freight forwarder
          'IV' Invoicee
          'SE' Seller

          At least the BY and SE codes should be present.

Note 2: DE 3055 Code list responsible agency, coded
          '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

Note 3: DE 3207 COUNTRY, CODED
          Use ISO 3166, 2-alpha code

SEGMENT GROUP   3

Function: A group of segments to give additional contact information
          relating to the party specified in the NAD segment.
Usage   : O..2
Remarks :

--- Segment Group   3 ---------------------------- O..2 -------------+
CTA   Contact information   M1   !
COM   Communication contact   R..3 ----------------------+

```
CTA    CONTACT INFORMATION
       -------------------
```

Function: To identify a person or department to whom communication
          should be directed.
Usage   : M1
Remarks :


```
Ref. Rep.     Name                     ! EDIFICE UTILISATION
---- -------- -------------------------+-+------------------------------
                                       ! !
3139 an..3  C CONTACT FUNCTION, CODED  !R! See Note 1
                                       ! !
C056        C DEPARTMENT OR EMPLOYEE   !R! See Note 2
              DETAILS                  ! !
3413 an..17 C  Department or employee  !D!
                 identification        ! !
3412 an..35 C  Department or employee  !A!
                                       ! !
---------------------------------------+-+------------------------------
```

Note 1: DE 3139 CONTACT FUNCTION, CODED
         'PD' Purchasing contact
         'SC' Schedule contact

Note 2: DE C056 DEPARTMENT OR EMPLOYEE DETAILS
         EDIFICE recommends to use the employee name in preference to
         the department name, in DE 3412. This information can
         alternatively be coded in DE 3413.

COM   COMMUNICATION CONTACT

Function: To identify a communication number of a department or a person
          to whom communication should be directed.
Usage   : R..3
Remarks :


```
Ref. Rep.      Name                     !  EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                        ! !
C076        M COMMUNICATION CONTACT     !M!
3148 an..25 M  Communication number     !M!
3155 an..3  M  Communication channel    !M! See Note 1
               qualifier                ! !
                                        ! !
-------------------------------------+-+-----------------------------
```

Note 1:   DE 3155 Communication channel qualifier
           'EM' Electronic mail
           'TE' Telephone
           'FX' Telefax

UNS   SECTION CONTROL

Function: To separate header and detail sections of a Delivery Schedule
          message.
Usage   : M1
Remarks :


```
Ref. Rep.    Name                    ! EDIFICE UTILISATION
---- -------- ------------------------+-+-----------------------------
                                      ! !
0081 a1      M SECTION IDENTIFICATION !M! 'D' Start of detail
                                      ! !
--------------------------------------+-+-----------------------------
```

```
SEGMENT GROUP  18
----------------

Function: A group of segments providing details of the individual items.
Usage   : R..9999
Remarks : If the information in the LIN segment is not adequate to identify
          unambiguously the item, then segments PIA and IMD should be used.
          References which must be associated with specific line items are
          defined in SG19.
          The measure unit qualifier (DE 6411) must be agreed between
          trading partners and consistently used across SG20 and SG27.


--- Segment Group  18 --------------------------- R..9999 -------------+
LIN    Line item                           M1                          !
PIA    Additional product id               D..10                       !
IMD    Item description                    D1                          !
                                                                       !
--- Segment Group  19 --------------------------- D..4 --------------+ !
RFF    Reference                           M1 -----------------------+ !
                                                                       !
--- Segment Group  20 --------------------------- R..50--------------+ !
QTY    Quantity                            M1                       ! !
DTM    Date/time/period                    R..2                     ! !
                                                                   ! !
--- Segment Group  21 --------------------------- D..5 ------------+ ! !
RFF    Reference                           M1  --------------------+-+ !
                                                                       !
--- Segment Group  22 --------------------------- O1 ----------------+ !
PAC    Package                             M1 -----------------------+ !
                                                                       !
--- Segment Group  24 --------------------------- R1 ----------------+ !
NAD    Name and address                    M1                       ! !
                                                                   ! !
--- Segment Group  27 --------------------------- R..50 -----------+ ! !
QTY    Quantity                            M1                     ! ! !
SCC    Scheduling conditions               R1                     ! ! !
DTM    Date/time/period                    R..2                    ! ! !
                                                                 ! ! !
--- Segment Group  28 --------------------------- D..2 ----------+ ! ! !
RFF    Reference                           M1 -------------------+-+ ! !
                                                                   ! !
--- Segment Group  29 --------------------------- D1 --------------+ ! !
QVA    Quantity variances                  M1                     ! ! !
                                                                 ! ! !
--- Segment Group  30 --------------------------- A..10 ---------+ ! ! !
RFF    Reference                           M1 -------------------+-+-+-+
```

LIN   LINE ITEM

Function: To identify a line item for which a delivery schedule is made
          and the item number agreed to be the primary reference number
          between the Buyer and Seller.
Usage   : M1
Remarks :


```
Ref. Rep.      Name                    !  EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                       ! !
1082 n..6   C LINE ITEM NUMBER         !R! See Note 1
                                       ! !
1229 an..3  C ACTION                   !X!
              REQUEST/NOTIFICATION,    ! !
              CODED                    ! !
                                       ! !
C212        C ITEM NUMBER              !R!
              IDENTIFICATION           ! !
7140 an..35 C  Item number             !R! Article Number
7143 an..3  C  Item number type, coded !R! See Note 2
1131 an..3  C  Code list qualifier     !X!
3055 an..3  C  Code list responsible   !R! See Note 3
               agency, coded           ! !
                                       ! !
5495 an..3  C SUB-LINE INDICATOR, CODED !X!
                                       ! !
1222 n..2   C CONFIGURATION LEVEL      !X!
                                       ! !
7083 an..3  C CONFIGURATION, CODED     !X!
                                       ! !
---------------------------------------+-+-----------------------------
```


Note 1: DE 1082 LINE ITEM NUMBER
          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.

Note 2: DE 7143 Item number type, coded
          'BP' Buyer's part number
          'EN' International Article Numbering Association (EAN)
          'UP' UPC (Universal product code)
          'VP' Vendor's (seller's) part number

Note 3: DE 3055 Code list responsible agency, coded
          '9'   EAN (International Article Numbering association)
          '91' Assigned by seller or seller's agent
          '92' Assigned by buyer or buyer's agent
          '113' US, UCC (Uniform code council)

              EDIFICE requires that code '91' is used to indicate
              information related to the Seller's part number ('VP')
              and code '92' is used to indicate information related
              to the Buyer's part number ('BP'). Code '9' is used
              to indicate information related to the EAN number ('EN').
              Code '113' is used to indicate information related to the
              Universal product code ('UP')

```
PIA   ADDITIONAL PRODUCT ID
      ------------------------


Function: To specify additional item identification.
Usage    : D..10
Remarks  : Additional information that needs to be attached to the product
           such as engineering change level can also be included in this
           segment.
           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     !M! '1' Additional identification
              QUALIFIER               ! !
                                      ! !
C212        M ITEM NUMBER             !M!
              IDENTIFICATION          ! !
7140 an..35 C  Item number            !R!
7143 an..3  C  Item number type, coded !R! See Note 1
1131 an..3  C  Code list qualifier    !X!
3055 an..3  C  Code list responsible  !R! See Note 2
               agency, coded          ! !
                                      ! !
C212        C ITEM NUMBER             !O!
              IDENTIFICATION          ! !
7140 an..35 C  Item number            !R!
7143 an..3  C  Item number type, coded !R! See Note 1
1131 an..3  C  Code list qualifier    !X!
3055 an..3  C  Code list responsible  !R! See Note 2
               agency, coded          ! !
                                      ! !
C212        C ITEM NUMBER             !O!
              IDENTIFICATION          ! !
7140 an..35 C  Item number            !R!
7143 an..3  C  Item number type, coded !R! See Note 1
1131 an..3  C  Code list qualifier    !X!
3055 an..3  C  Code list responsible  !R! See Note 2
               agency, coded          ! !
                                      ! !
C212        C ITEM NUMBER             !O!
              IDENTIFICATION          ! !
7140 an..35 C  Item number            !R!
7143 an..3  C  Item number type, coded !R! See Note 1
1131 an..3  C  Code list qualifier    !X!
3055 an..3  C  Code list responsible  !R! See Note 2
               agency, coded          ! !
                                      ! !
C212        C ITEM NUMBER             !O!
              IDENTIFICATION          ! !
7140 an..35 C  Item number            !R!
7143 an..3  C  Item number type, coded !R! See Note 1
1131 an..3  C  Code list qualifier    !X!
3055 an..3  C  Code list responsible  !R! See Note 2
               agency, coded          ! !
                                      ! !
---------------------------------------+-+------------------------------
```

Note 1: DE 7143 Item number type, coded
          'BP' Buyer's part number
          'DR' Drawing revision number
          'DW' Drawing
          'EC' Engineering change level
          'EN' International Article Numbering Association (EAN)
          'GS' General specification number
          'UP' UPC (Universal product code)
          'VP' Vendor's (seller's) part number
          'VX' Vendor specification number

Note 2: DE 3055 Code list responsible agency, coded
          '9'   EAN (International Article Numbering association)
          '91'   Assigned by seller or seller's agent
          '92'   Assigned by buyer or buyer's agent
          '113' US, UCC (Uniform code council)

          EDIFICE requires that code '91' is used to indicate
          information related to the Seller's part number ('VP')
          and code '92' is used to indicate information related
          to the Buyer's part number ('BP'). Code '9' is used
          to indicate information related to the EAN number ('EN').
          Code '113' is used to indicate information related to the
          Universal product code ('UP')

IMD   ITEM DESCRIPTION

Function: To specify Ship to Stock or Ship to Line quality.
Usage   : D1
Remarks :


```
Ref. Rep.      Name                  !  EDIFICE UTILISATION
---- --------  ------------------------+-+------------------------------
                                      ! !
7077 an..3  C  ITEM DESCRIPTION TYPE, !X!
               CODED                  ! !
                                      ! !
7081 an..3  C  ITEM CHARACTERISTIC,   !R! See Note 1
               CODED                  ! !
                                      ! !
C273        C  ITEM DESCRIPTION       !X!
7009 an..7  C   Item description      ! !
                identification        ! !
1131 an..3  C   Code list qualifier   ! !
3055 an..3  C   Code list responsible ! !
                agency, coded         ! !
7008 an..35 C   Item description      ! !
7008 an..35 C   Item description      ! !
                                      ! !
7383 an..3  C  SURFACE/LAYER INDICATOR,!X!
               CODED                  ! !
                                      ! !
----------------------------------------+-+------------------------------
```

Note 1: DE 7081 ITEM CHARACTERISTIC, CODED
          '3' Ship to stock
          '26' Ship to line

SG18   DETAIL

SEGMENT GROUP 19

Function: To indicate references associated with the line item.
Usage   : D..4
Remarks :

--- Segment Group 19 ---------------------------- D..4 --------------+
RFF   Reference   M1 ------------------------+

```
RFF    REFERENCE
---------------
```

Function: To specify line item references.
Usage   : M1
Remarks : 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.

```
Ref. Rep.      Name                    ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                       ! !
C506        M REFERENCE                !M!
1153 an..3  M Reference qualifier      !M! See Note 1
1154 an..35 C Reference number         !D! As specified by DE 1153
1156 an..6  C Line number              !D! As specified by DE 1154
4000 an..35 C Reference version number !X!
                                       ! !
---------------------------------------+-+-----------------------------
```

Note 1: DE 1153 Reference qualifier
          'AAD' Contract addendum number
          'ALM' Previous delivery schedule number
          'BO' Blanket order number
          'CT' Contract number
                Reference number of the contract between two parties

SEGMENT GROUP 20

Function: A group of segments to provide non-schedule related quantities.
Usage : R..50
Remarks : This matrix shows how QTY, DTM and RFF are used.

                          QTY   DTM   RFF
                          DE 6063   DE 2005   DE 1153
                          -------   -------   -------
Cumulative quantity   3   -   -
Quantity received   48   50   AAK/PK/SRN/TN
Quantity withdrawn   58   158/159   IV/TN(O)*
Quantity committed   66   -   -
Cumulative quantity received 70   -   -
Backorder quantity   83   -   -
Minimum inventory   97   158/159(O)*   -
Maximum inventory   98   158/159(O)*   -
Inventory quantity   145   366   -

* Usage (O) Optional

--- Segment Group 20 --------------------------- R..50 ---------------+
QTY   Quantity   M1   !
DTM   Date/time/period   R..2   !
                                                                       !
--- Segment Group 21 --------------------------- D..5 --------------+ !
RFF   Reference   M1   ----------------------+ !
                                                                       !

QTY   QUANTITY

Function: To specify the quantity information.
Usage   : M1
Remarks :


```
Ref. Rep.     Name                     !  EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                       ! !
C186         M QUANTITY DETAILS        !M!
6063 an..3  M  Quantity qualifier      !M! See Note 1
6060 n..15  M  Quantity                !M!
6411 an..3  C  Measure unit qualifier  !R! See Note 2
                                       ! !
----------------------------------------+-+-----------------------------
Note  1:  DE  6063  Quantity qualifier
          '3'    Cumulative quantity
                 This is the sum of the quantities for this line item in
                 the QTY segment in SG27.
          '48'   Received quantity
          '58'   Quantity withdrawn
          '66'   Committed quantity
          '70'   Cumulative quantity received
          '83'   Backorder quantity
                 Quantity previously requested for delivery before current
                 date and not yet fulfilled.
          '97'   Minimum inventory quantity
          '98'   Maximum inventory quantity
          '145'  Actual stock


Note  2:  DE  6411  Measure unit qualifier
          Use UN/ECE recommendation number 20, 3-alpha code
          Codes should be previously agreed between trading partners.
```

DTM   DATE/TIME/PERIOD

Function: To specify dates related to the quantities specified in the
          preceding QTY segment.
Usage   : D..2
Remarks : In DE 2379, the EDIFICE recommended format is coded '102'.
          To be used in accordance with the matrix in the remarks on SG20.

Ref. Rep.   Name   ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                       ! !
C507   M DATE/TIME/PERIOD   !M!
2005 an..3 M Date/time/period   !M! See Note 1
                qualifier   ! !
2380 an..35 C Date/time/period   !R!
2379 an..3 C Date/time/period format !R! See Note 2
                qualifier   ! !
                                       ! !
---------------------------------------+-+-----------------------------

Note 1: DE 2005 Date/time/period qualifier
            '50' Goods receipt date/time
            '158' Horizon start date
            '159' Horizon end date
            '366' Inventory report date

Note 2: DE 2379 Date/time/period format qualifier
            '101' YYMMDD
            '102' CCYYMMDD
            '201' YYMMDDHHMM
            '203' CCYYMMDDHHMM

SEGMENT GROUP 21

Function: To identify references for quantities received or withdrawn.
Usage   : D..5
Remarks : To be used in accordance with the matrix in the remarks on SG20.

--- Segment Group 21 ---------------------------- D..5-------------+
RFF   Reference   M1 ----------------------+

RFF   REFERENCE

Function: To specify a reference identifying the quantity received
          or withdrawn.
Usage   : M1
Remarks : To be used in accordance with the matrix in the remarks on SG20.


```
Ref. Rep.      Name                     !  EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                        ! !
C506       M REFERENCE                  !M!
1153 an..3  M  Reference qualifier      !M! See Note 1
1154 an..35 C  Reference number         !R! As specified by DE 1153
1156 an..6  C  Line number              !O! As specified by DE 1154
4000 an..35 C  Reference version number !X!
                                        ! !
-------------------------------------+-+-----------------------------
```


Note 1: DE 1153 Reference qualifier
          'AAK' Despatch advice number
          'IV'   Invoice number
          'PK'   Packing list number
          'SRN' Shipment reference number
          'TN'   Transaction reference number

SEGMENT GROUP 22

Function: To describe the item packaging.
Usage   : O1
Remarks : This segment group will only be used where alternative
          packaging methods are agreed between the trading parties.

--- Segment Group 22 ---------------------------- O1 ----------------+
PAC   Package   M1 ------------------------+

PAC   PACKAGE

Function: To describe the number and type of packages.
Usage   : M1
Remarks : The information carried in CO C202 is derived from data supplied
          by EIDX.


```
Ref. Rep.     Name                     ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                       ! !
7224 n..8   C NUMBER OF PACKAGES       !O!
                                       ! !
C531        C PACKAGING DETAILS        !X!
7075 an..3  C  Packaging level, coded  ! !
7233 an..3  C  Packaging related       ! !
               information, coded      ! !
7073 an..3  C  Packaging terms and     ! !
               conditions, coded       ! !
                                       ! !
C202        C PACKAGE TYPE             !R!
7065 an..7  C  Type of packages        !R! See Note 1
               identification          ! !
1131 an..3  C  Code list qualifier     !X!
3055 an..3  C  Code list responsible   !R! '116' US, ANSI ASC X12
               agency, coded           ! !
7064 an..35 C  Type of packages        !X!
                                       ! !
C402        C PACKAGE TYPE             !X!
               IDENTIFICATION          ! !
7077 an..3  M  Item description type,  ! !
               coded                   ! !
7064 an..35 M  Type of packages        ! !
7143 an..3  C  Item number type, coded ! !
7064 an..35 C  Type of packages        ! !
7143 an..3  C  Item number type, coded ! !
                                       ! !
C532        C RETURNABLE PACKAGE       !X!
               DETAILS                 ! !
8395 an..3  C  Returnable package      ! !
               freight payment         ! !
               responsibility, coded   ! !
8393 an..3  C  Returnable package load ! !
               contents, coded         ! !
                                       ! !
---------------------------------------+-+-----------------------------
```

Note 1: DE 7065 Type of packages identification
          'BLK90' Standard Bulk
          'RAL90' Standard Rail (semiconductor)
          'REL90' Standard Reel
          'TRY90' Standard Tray

SEGMENT GROUP 24

Function: A group of segments providing quantity and scheduling details
          relating to the individual deliveries.
Usage   : R1
Remarks : Use only one delivery point.
          If delivered quantity variances occur and are to be reported,
          use SG29.


```
--- Segment Group  24 --------------------------- R1 ---------------+
NAD    Name and address                   M1                        !
                                                                    !
--- Segment Group  27 --------------------------- R..50 ----------+ !
QTY    Quantity                           M1                     ! !
SCC    Scheduling conditions              R1                     ! !
DTM    Date/time/period                   R..2                   ! !
                                                                ! !
--- Segment Group  28 --------------------------- D..2 ---------+ ! !
RFF    Reference                          M1 -------------------+-+ !
                                                                    !
--- Segment Group  29 --------------------------- D1 -------------+ !
QVA    Quantity variances                 M1                     ! !
                                                                ! !
--- Segment Group  30 --------------------------- A..10 --------+ ! !
RFF    Reference                          M1 -------------------+-+-+
```

NAD   NAME AND ADDRESS

Function: To specify the delivery party name and address details.
Usage   : M1
Remarks : EDIFICE advises that the Party Identification (CO C082) be used.
          When CO C082 cannot be used EDIFICE recommends using the
          structured name and address elements (CO C080 through DE 3207),
          rather than the unstructured one (CO C058).
          If 'DP' is present both here and at header level, the value
          used must be identical.
          If 'DP' is not present here, 'ZZZ' is used, permitting access
          to SG24.


```
Ref. Rep.      Name                    ! EDIFICE UTILISATION
---- -------- ------------------------+-+----------------------------
                                       ! !
3035 an..3  M PARTY QUALIFIER          !M! See Note 1
                                       ! !
C082        C PARTY IDENTIFICATION     !A!
              DETAILS                  ! !
3039 an..17 M  Party id identification !M!
1131 an..3  C  Code list qualifier     !X!
3055 an..3  C  Code list responsible   !R! See Note 2
               agency, coded           ! !
                                       ! !
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!X!
                                       ! !
C059        C STREET                   !D!
3042 an..35 M  Street and number/P.O.  !M!
               Box                     ! !
3042 an..35 C  Street and number/P.O.  !O!
               Box                     ! !
3042 an..35 C  Street and number/P.O.  !O!
               Box                     ! !
                                       ! !
3164 an..35 C CITY NAME                !D!
                                       ! !
3229 an..9  C COUNTRY SUB-ENTITY       !D!
              IDENTIFICATION           ! !
                                       ! !
3251 an..9  C POSTCODE IDENTIFICATION  !D!
                                       ! !
3207 an..3  C COUNTRY, CODED           !D! See Note 3
                                       ! !
--------------------------------------+-+----------------------------
```

```
Note  1:  DE  3035  PARTY QUALIFIER
          'DP'  Delivery party
          'ZZZ' Mutually defined

Note  2:  DE  3055  Code list responsible agency, coded
          '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

Note  3:  DE  3207  COUNTRY, CODED
          Use ISO 3166, 2-alpha code
```

SEGMENT GROUP 27

Function: A group of segments to provide schedule related quantities.
Usage   : R..50
Remarks : If references must be identified at delivery schedule level,
          SG28 should be used.


```
--- Segment Group  27 --------------------------- R..50 -----------+
QTY    Quantity                           M1                       !
SCC    Scheduling conditions              R1                       !
DTM    Date/time/period                   R..2                     !
                                                                   !
--- Segment Group  28 --------------------------- D..2 ----------+ !
RFF    Reference                          M1 --------------------+-+
```

QTY   QUANTITY

Function: To specify quantities related to delivery schedules.
Usage   : M1
Remarks :


```
Ref. Rep.     Name                  ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                      ! !
C186        M QUANTITY DETAILS        !M!
6063 an..3  M  Quantity qualifier     !M! See Note 1
6060 n..15  M  Quantity               !M! Quantity
6411 an..3  C  Measure unit qualifier !R! See Note 2
                                      ! !
--------------------------------------+-+-----------------------------
```

Note 1: DE 6063 Quantity qualifier
          '131' Delivery quantity

Note 2: DE 6411 Measure unit qualifier
          Use UN/ECE recommendation number 20, 3-alpha code
          Codes should be previously agreed between trading partners.

    SCC   SCHEDULING CONDITIONS

    Function: To convey information on the liability commitment of the buyer
              to this schedule.
    Usage   : R1
    Remarks :

    Ref. Rep.   Name   ! EDIFICE UTILISATION
    ---- -------- -------------------------+-+----------------------------
                                            ! !
    4017 an..3 M DELIVERY PLAN STATUS   !M! See Note 1
                   INDICATOR, CODED   ! !
                                            ! !
    4493 an..3 C DELIVERY REQUIREMENTS,   !X!
                   CODED   ! !
                                            ! !
    C329   C PATTERN DESCRIPTION   !X!
    2013 an..3 C Frequency, coded   ! !
    2015 an..3 C Despatch pattern, coded ! !
    2017 an..3 C Despatch pattern timing, ! !
                   coded   ! !
                                            ! !
    --------------------------------------+-+----------------------------

    Note 1: DE 4017 DELIVERY PLAN STATUS INDICATOR, CODED
              '1' Firm
              '2' Commitment for manufacturing and material
              '3' Commitment for material
              '4' Planning/forecast

DTM   DATE/TIME/PERIOD

Function: To specify either the timeframe i.e. horizon start and end date
          or discrete dates relating to delivery schedules.
Usage   : R..2
Remarks : In DE 2379, the EDIFICE recommended format is coded '102'.

Ref. Rep.   Name   ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                        ! !
C507   M DATE/TIME/PERIOD   !M!
2005 an..3 M Date/time/period   !M! See Note 1
               qualifier   ! !
2380 an..35 C Date/time/period   !R!
2379 an..3 C Date/time/period format !R! See Note 2
               qualifier   ! !
                                        ! !
--+-+-----------------------------

Note 1: DE 2005 Date/time/period qualifier
          '2'   Delivery date/time, requested
          '10' Shipment date/time, requested
          '158' Horizon start date
          '159' Horizon end date

Note 2: DE 2379 Date/time/period format qualifier
          '101' YYMMDD
          '102' CCYYMMDD
          '201' YYMMDDHHMM
          '203' CCYYMMDDHHMM

SEGMENT GROUP 28

Function: To provide references to a contract, blanket or purchase order.
Usage   : D..2
Remarks : This group of segments is only used when it is necessary
          to give different references for each delivery.

--- Segment Group 28 ---------------------------- D..2 ----------+
RFF   Reference   M1 --------------------+

    RFF   REFERENCE

    Function: To reference a contract, blanket or purchase order.
    Usage   : M1
    Remarks :

    Ref. Rep.   Name   ! EDIFICE UTILISATION
    ---- -------- -------------------------+-+------------------------------
                                             ! !
    C506   M REFERENCE   !M!
    1153 an..3 M Reference qualifier   !M! See Note 1
    1154 an..35 C Reference number   !R! As specified by DE 1153
    1156 an..6 C Line number   !O! As specified by DE 1154
    4000 an..35 C Reference version number !X!
                                             ! !
    -------------------------------------+-+------------------------------

    Note 1: DE 1153 Reference qualifier
              'BO' Blanket order number
              'CT' Contract number
              'ON' Order number (purchase)

SEGMENT GROUP 29

Function: A group of segments where the buyer can specify details of
          differences between quantities ordered and received.
Usage   : D1
Remarks :

--- Segment Group 29 ---------------------------- D1 --------------+
QVA   Quantity variances   M1   !
                                                                    !
--- Segment Group 30 ---------------------------- A..10 ---------+ !
RFF   Reference   M1 --------------------+-+

QVA   QUANTITY VARIANCES

Function: To specify variations between previously ordered and received
          quantities.
Usage   : M1
Remarks :


```
Ref. Rep.      Name                   !  EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                      ! !
C279         C QUANTITY DIFFERENCE     !R!
               INFORMATION             ! !
6064 n..15  M  Quantity difference     !M! See Note 1
6063 an..3  C  Quantity qualifier      !R! '73' Outstanding quantity
                                      ! !
4221 an..3  C DISCREPANCY, CODED       !X!
                                      ! !
C262         C REASON FOR CHANGE       !X!
4295 an..3  C  Change reason, coded    ! !
4294 an..35 C  Change reason           ! !
                                      ! !
-------------------------------------+-+-----------------------------
```

Note 1: DE 6064 Quantity difference
          If the quantity difference is negative (overshipment) then the
          field value must be preceded with a minus sign. With an
          undershipment the value will be positive.

SEGMENT GROUP 30

Function: To provide references to the despatch advice numbers and/or
          packing list numbers with which the goods have been received,
          thus giving the seller an indication of the reason for the
          quantity variance stated in the preceding QVA segment.
Usage   : A..10
Remarks :

--- Segment Group 30 --------------------------- A..10 ---------+
RFF   Reference   M1 --------------------+

RFF   REFERENCE

Function: To reference a despatch advice number and/or a packing list
          number with which goods were last received.
Usage   : M1
Remarks :


```
Ref. Rep.      Name                  ! EDIFICE UTILISATION
---- -------- -------------------------+-+-----------------------------
                                      ! !
C506        M REFERENCE               !M!
1153 an..3  M  Reference qualifier    !M! See Note 1
1154 an..35 C  Reference number       !R! As specified by DE 1153
1156 an..6  C  Line number            !O! As specified by DE 1154
4000 an..35 C  Reference version number !X!
                                      ! !
-------------------------------------+-+-----------------------------
```

      Note 1: DE 1153 Reference qualifier
              'AAK' Despatch advice number
              'PK' Packing list number

```
UNS    SECTION CONTROL
--------------------
Function: To separate detail and summary section of a Delivery Schedule
          message.
Usage   : M1
Remarks :


Ref. Rep.     Name                    !  EDIFICE UTILISATION
---- -------- ------------------------+-+-----------------------------
                                      ! !
0081 a1      M SECTION IDENTIFICATION  !M! 'S' Start of summary
                                      ! !
--------------------------------------+-+-----------------------------
```

```
UNT    MESSAGE TRAILER
       ---------------
Function: To end and check the completeness of a message.
Usage   : M1
Remarks : Refer to EDIFICE Utilisation of the EDIFACT Service Segments,
          Issue 2.


Ref. Rep.     Name                      ! EDIFICE UTILISATION
---- -------- -------------------------+-+----------------------------
                                        ! !
0074 n..6   M NUMBER OF SEGMENTS IN A   !M!
              MESSAGE                    ! !
                                        ! !
0062 an..14 M MESSAGE REFERENCE NUMBER  !M!
                                        ! !
-----------------------------------+-+----------------------------
```

EXAMPLES

EXAMPLE 1 - FORECAST ONLY

UNH+1+DELFOR:1:921:UN:ED3'

Header section

BGM+241+5678'
DTM+137:19970217:102'
RFF+ALM:5677'
RFF+CT:999456'
NAD+BY+MAGIMAX LTD::92'
CTA+PD+:PETER SMITH'
COM+0756-551234:TE'
CTA+SC+:M BRODY'
COM+0756-551459:TE'
NAD+SE+PISCES SEMICONDUCTORS::91'

UNS+D'

Detail section

LIN+1++ABC0071:BP::92'
PIA+1+ACT2T:EC::92'
QTY+3:1000:PCE'
NAD+DP+MAXIMAX STORES LTD::92'
QTY+131:500:PCE'
SCC+4'
DTM+158:19970217:102'
DTM+159:19970223:102'
QTY+131:500:PCE'
SCC+4'
DTM+158:19970224:102'
DTM+159:19970302:102'

UNS+S'

UNT+26+1'

EXAMPLE 2 - CALL-OFF ONLY

This example includes a QVA segment to indicate an undershipment on
a previous call off.


```
UNH+1+DELFOR:1:921:UN:ED3'

Header section

BGM+241+5678'
DTM+137:19970217:102'
RFF+ALM:5677'
RFF+CT:999456'
NAD+BY+MAGIMAX LTD::92'
CTA+PD+:PETER SMITH'
COM+0756-551234:TE'
NAD+SE+PISCES SEMICONDUCTORS::91'
NAD+DP+MAXIMAX STORES LTD::92'

UNS+D'

Detail section

LIN+1++ABC0071:BP::92'
PIA+1+ACT2T:EC::92'
IMD++3'
RFF+BO:6785432:1'
QTY+3:500:PCE'
PAC+++BLK90::116'
NAD+DP+MAXIMAX STORES LTD::92'
QTY+131:500:PCE'
SCC+1'
DTM+2:19970223:102'
QVA+100:73'
RFF+AAK:DA120351'

UNS+S'

UNT+25+1'
```

EXAMPLE 3 - FORECAST AND CALL-OFF

This example includes a QTY segment in SG20 to indicate backorder quantity.

```
UNH+1+DELFOR:1:921:UN:ED3'

Header section

BGM+241+5678'
DTM+137:19970206:102'
RFF+ALM:5677'
RFF+CT:999456'
NAD+BY+MAGIMAX LTD::92'
CTA+PD+:PETER SMITH'
COM+0756-551234:TE'
CTA+SC+:M BRODY'
COM+0756-551459:TE'
NAD+SE+PISCES SEMICONDUCTORS::91'

UNS+D'

Detail section

LIN+1++ABC0071:BP::92'
PIA+1+ACT2T:EC::92'
IMD++3'
RFF+BO:6785432:1'
QTY+83:750:PCE'
QTY+3:1500:PCE'
NAD+DP+MAXIMAX STORES LTD::92'
QTY+131:500:PCE'
SCC+1'
DTM+2:19970213:102'
QTY+131:500:PCE'
SCC+4'
DTM+158:19970214:102'
DTM+159:19970220:102'
QTY+131:500:PCE'
SCC+4'
DTM+158:19970221:102'
DTM+159:19970227:102'

UNS+S'

UNT+32+1'
```

EXAMPLE 4 - Supplier Managed Inventory (SMI)

This example includes QTY segments for inventory information to enable SMI operations.

```
UNH+1+DELFOR:1:921:UN:ED3'
```

Header section

```
BGM+SMI+5678'
DTM+137:19970214:102'
RFF+ALM:5677'
RFF+CT:999456'
NAD+BY+MAGIMAX LTD::92'
CTA+PD+:PETER SMITH'
COM+PETER.SMITH@MAGIMAX.COM:EM'
NAD+SE+PISCES SEMICONDUCTORS::91'
NAD+DP+MAXIMAX STORES LTD::92'
```

```
UNS+D'
```

Detail section

```
LIN+1++ABC0071:BP::92'
PIA+1+ACT2T:EC::92'
IMD++3'
RFF+BO:6785432:1'
QTY+145:10123:PCE'
DTM+366:19970214:102'
QTY+97:7500:PCE'
QTY+98:15000:PCE'
QTY+48:1000:PCE'
DTM+50:19970214:102'
RFF+AAK:DA1234'
QTY+3:6500:PCE'
NAD+DP+MAXIMAX STORES LTD::92'
QTY+131:3000:PCE'
SCC+4'
DTM+158:19970214:102'
DTM+159:19970220:102'
QTY+131:3500:PCE'
SCC+4'
DTM+158:19970221:102'
DTM+159:19970227:102'
```

```
UNS+S'
```

```
UNT+34+1'
```