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!                                     !
!           Issue 2                 !
!           -----                 !
!           ENDORSED BY EDIFICE     !
!           September 6th, 1993    !
!                                     !
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```

EDIFICE - UTILISATION
OF THE
EDIFACT - DELJIT MESSAGE
(DELIVERY JUST IN TIME MESSAGE)

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COMPARISON TO PREVIOUS ISSUE

This release includes the changes that have been made to the Issue 1 document endorsed by the EDIFICE Plenary on the 18th February 1992. The changes are as follows:-

- Recast from 90.1 version of the directory to the 92.1 version.
- The inclusion of this COMPARISON section.
- Update of the EDIFICE FUNCTIONAL DEFINITION section to provide further clarification on the usage of the message.
- Update of the EXPLANATORY NOTES section to comply with the EDIFICE Standards for Documentation of Message Guidelines, Issue 2.
- The inclusion of the UNH and UNT service segments.

In doing the recast changes have been made to how the data elements are positioned in the message. Some new codes have been added and some have been changed. The changes are as follows:-

- The DELJIT message Date/Time is now specified in the DTM segment added after the BGM.
- All Reference Date/Times are now specified in the DTM segments added after each RFF segment.
- Two new reference codes have been added to the header RFF segment and one reference code has been changed. 'BO' (Blanket order number) and 'CT' (Contract number) added and 'ON' (Order number (purchase)) changed.
- The CTA segment has been split into two segments CTA and COM segments. Two codes have been removed 'TM' (Telemail) and 'XF' (X.400).
- Item quantities that were specified in the LIN segment before are now to be specified in the QTY segment in SG 5. This QTY segment is not in the EDIFACT DELJIT UNSM, and is inserted by EDIFICE to enable transmission of cumulative quantity or batch size information. This segment will be used until EDIFACT makes a suitable segment available.
- Unit price information which was specified in the LIN segment can now no longer be specified in the DELJIT message.
- Three new reference codes have been added to the detail RFF segment and one reference code has been changed. 'BO' (Blanket order number), 'AAN' (Delivery schedule number) and 'CT' (Contract number) added and 'ON' (Order number (purchase)) changed.

EDIFICE FUNCTIONAL DEFINITION

The Delivery Just in Time (DELJIT) Message is part of a business cycle which includes Blanket Purchase Order, Delivery Schedule, and call-off activities. It will normally be used where trading partners have a stable trading environment, and multiple deliveries of stable product requirements exist. The DELJIT will call-off goods over an extended time period. It is a message from buyer to supplier conveying precise delivery sequence and Just in Time Delivery schedule requirements.

Business cycle:-

+-----+		+-----+
! B !	! BLANKET PO (transmitted e.g. annually)	! S !
! U !		! E !
! Y !	! DELFOR (transmitted e.g. monthly)	! L !
! E !		! L !
! R !	! DELJIT (transmitted e.g. daily)	! E !
! !		! R !
+-----+		+-----+

The message will supplement certain shipping and delivery information transmitted in a previous Delivery Schedule, Forecast, Blanket Purchase Order. It can not be used to change any firm commitments previously stated in the Delivery Schedule Message (DELFOR) or the Blanket Purchase Orders Message (ORDERS).

The use of this message will facilitate the practice of Just in Time (JIT) manufacturing by providing the buyer with a mechanism to issue precise shipping schedule requirements in terms of a 24 hours clock and on a more frequent basis than with the issuance of a delivery schedule transaction, e.g. daily shipping schedules versus weekly planning schedules.

REFERENCES

UNSM DELIVERY JUST IN TIME MESSAGE STATUS 1, RELEASE 921; 92-09
EDIFACT STANDARD DATA SEGMENT DIRECTORY 92.1
EDIFACT CODE LIST 92.1
EDIFICE Utilisation of the EDIFACT Service Segments, Issue 2
ISO 9735 : 1988 (E) EDIFACT APPLICATION LEVEL SYNTAX RULES
FIRST EDITION : 1988-07-15 AMENDED AND REPRINTED : 1990-11-15
ISO 4217 Codes for the representation of currencies and funds
ISO 3166 Codes for the representation of names of countries
UN/ECE Recommendation 20 Codes for Units of Measurement
UN/ECE Recommendation 21 Codes for types of Cargo, Packages and Packaging Materials

EXPLANATORY NOTES

The following abbreviations are used within this document:

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
Weights	n..18	15	3
Cubes	n..18	15	3
Dimensions	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.

All date fields can be described in a format either with or without "Century" fields. e.g. YYMMDDMM or CCYYMMDDMM. Consistent use of one date format should be adhered to throughout the entire document.

EDIFICE MESSAGE DIAGRAM

UNH	Message header	M1	
BGM	Beginning of message	M1	
DTM	Date/time/period	R1	
---	Segment Group 1	-----	D..3 -----+
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	-----+ -+
---	Segment Group 4	-----	M1 -----+
SEQ	Sequence details	M1	!
			!
---	Segment Group 5	-----	M..9999 -----+ !
LIN	Line item	M1	! !
PIA	Additional product id	R..10	! !
QTY	Quantity	D..2	! !
			! !
---	Segment Group 6	-----	A..5 -----+ ! !
RFF	Reference	M1	-----+ ! !
			! !
---	Segment Group 7	-----	O1 -----+ ! !
LOC	Place/location identification	M1	-----+ ! !
			! !
---	Segment Group 9	-----	R..100 -----+ ! !
QTY	Quantity	M1	! ! !
DTM	Date/time/period	R1	! ! !
			! ! !
---	Segment Group 10	-----	A1 -----+ ! ! !
RFF	Reference	M1	-----+ -+ -+ -+
UNT	Message trailer	M1	

UNH MESSAGE HEADER

Function: To head, identify and specify a message.

Usage : M1

Remarks : Refer to EDIFICE 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! 'DELJIT'
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! 'ED2'
		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 identify a Delivery Just in Time message and to transmit a
Delivery release number.

Usage : M1

Remarks :

Ref.	Rep.	Name	! EDIFICE UTILISATION
C002		C DOCUMENT/MESSAGE NAME	! !
1001	an..3	C Document/message name, coded	!R! '245' Delivery release ! !
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!X! ! !
1000	an..35	C Document/message name	!X! ! !
1004	an..35	C DOCUMENT/MESSAGE NUMBER	!R! Delivery release number ! !
1225	an..3	C MESSAGE FUNCTION, CODED	!X! ! !
4343	an..3	C RESPONSE TYPE, CODED	!X! ! !

DTM DATE/TIME/PERIOD

Function: To specify date of a Delivery Just in Time message.
Usage : R1
Remarks :

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

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

SEGMENT GROUP 1

Function: To indicate reference documents associated with the whole
Delivery Just in Time message.

Usage : D..3

Remarks : Reference (RFF) segments specifying contract, purchase order or
previous delivery schedule information should be present. Where
the information refers to the whole Delivery Just in Time
message it can be in Segment Group 1. Where the information is
different for various Line Items (LIN), or where it is necessary
to specify a Line number against the Reference, then it must
appear in every Segment Group 6 and not here. The codes 'BO' and
'ON' cannot both be used in this segment group.

--- Segment Group 1 ----- D..3 -----+
RFF Reference M1 -----+

RFF REFERENCE

Function: To specify the schedule, forecast, contract or purchase order number this Delivery Just in Time message refers to.

Usage : M1

Remarks : This RFF segment is used where schedule, forecast, contract or purchase order information applies to the whole message. Where this is not the case, or where the reference specifies a Line number in a preceding message, then this information must be in the Segment Group 6 RFF segment. The codes 'BO' and 'ON' cannot both be used in this segment group.

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
'AAN' Delivery schedule number
'BO' Blanket order number
'ON' Order number (purchase)
'CT' Contract number

SEGMENT GROUP 2

Function: A group of segments that identify name, address and contacts of
the parties relevant to the whole Delivery Just in Time message.

Usage : R..5

Remarks : The NAD segments that identify the buyer and the seller must be
present.

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

SG 2

HEADER

NAD NAME AND ADDRESS

Function: To specify the identification/name/address of the parties involved in the Delivery Just in Time message.

Usage : M1

Remarks : EDIFICE advises that the Party Identification composite element (C082) be used. When C082 cannot be used EDIFICE recommends using the structured name and address (C080 through 3207), rather than the unstructured one (C058).

Ref.	Rep.	Name	! EDIFICE UTILISATION
3035	an..3	M PARTY QUALIFIER	!M! See Note 1
C082		C PARTY IDENTIFICATION DETAILS	!A!
3039	an..17	M Party id identification	!M!
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!R! See Note 2
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. Box	!M!
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! See ISO 3166 2 alpha code

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. The DP, FW and IV codes should only be used once between Blanket Order, Delivery Forecast and Delivery Just in Time messages. They should be transmitted as soon as the buyer knows the information and should not be subject to change.

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

SG 2

HEADER

SEGMENT GROUP 3

Function: To give additional contact information relating to the party
specified in the NAD segment.

Usage : 0..2

Remarks : This segment group can be used under the NAD identifying the
buyer.

---	Segment Group	3	-----	0..2	-----	+
CTA	Contact information			M1		!
COM	Communication contact			R..3	-----	+

CTA CONTACT INFORMATION

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

Usage : M1

Remarks :

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

SG 3

HEADER

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
'TE' Telephone
'TL' Telex
'FX' Telefax

SEGMENT GROUP 4

Function: A group of segments containing part information, quantities,
delivery dates and times.

Usage : M1

Remarks : The SEQ segment is used only as a 'dummy' to enable access to
Segment Group 4.

```
--- Segment Group 4 ----- M1 -----+
SEQ  Sequence details                M1                !
                                           !
--- Segment Group 5 ----- M..9999 -----+ !
LIN  Line item                      M1                  ! !
PIA  Additional product id          R..10                ! !
QTY  Quantity                      D..2                  ! !
                                           ! !
--- Segment Group 6 ----- R..5 -----+ ! !
RFF  Reference                      M1 -----+ ! !
                                           ! !
--- Segment Group 7 ----- O1 -----+ ! !
LOC  Place/location identification  M1 -----+ ! !
                                           ! !
--- Segment Group 9 ----- R..100 -----+ ! !
QTY  Quantity                      M1                  ! ! !
DTM  Date/time/period              R1                  ! ! !
                                           ! ! !
--- Segment Group 10 ----- A1 -----+ ! ! !
RFF  Reference                      M1 -----+--+--+
```

SG 4

DETAIL

SEQ SEQUENCE DETAILS

Function: To provide specific details related to the delivery sequence.
Usage : M1
Remarks : This segment is used as a 'dummy' to enable access to the
remainder of Segment Group 4.

Ref.	Rep.	Name	!	EDIFICE UTILISATION
-----+-----				
1245	an..3	C STATUS INDICATOR, CODED	!R!	'3' Created new
C286		C SEQUENCE INFORMATION	!X!	
1050	an..6	M Sequence number	!!	
1159	an..3	C Sequence number source, coded	!!	
1131	an..3	C Code list qualifier	!!	
3055	an..3	C Code list responsible agency, coded	!!	
-----+-----				

SG 4

DETAIL

SEGMENT GROUP 5

Function: A group of segments containing part information, quantities and delivery date and times.

Usage : M..9999

Remarks : The QTY segment in SG 5 is not in the EDIFACT UNSM, and is inserted to enable the transmission of cumulative quantity or batch size information applicable to the Line item, and relevant to every occurrence of the QTY segment in Segment Group 9. Use this segment until EDIFACT makes a suitable segment available.

```
--- Segment Group 5 ----- M..9999 -----+
LIN  Line item                M1                !
PIA  Additional product id    R..10              !
QTY  Quantity                 D..2                !
                                           !
--- Segment Group 6 ----- R..5 -----+ !
RFF  Reference                M1 -----+ !
                                           !
--- Segment Group 7 ----- O1 -----+ !
LOC  Place/location identification M1 -----+ !
                                           !
--- Segment Group 9 ----- R..100 -----+ !
QTY  Quantity                 M1                ! !
DTM  Date/time/period         R1                ! !
                                           ! !
--- Segment Group 10 ----- A1 -----+ ! !
RFF  Reference                M1 -----+--+
```

SG 5

DETAIL

LIN LINE ITEM

Function: To identify a line item being described 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 REQUEST/NOTIFICATION, CODED	!X! !! !! !!
C212	C ITEM NUMBER IDENTIFICATION	!A! !!
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 agency, coded	!R! See Note 3 !! !!
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)
'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

SG 5

DETAIL

PIA ADDITIONAL PRODUCT ID

Function: To specify additional item identification.

Usage : R..10

Remarks : Additional information that needs to be attached to the product
such as engineering change level can also be included in this
segment.

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! See Note 1
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!R! See Note 2 ! ! ! !
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !
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 agency, coded	!R! See Note 2 ! ! ! !
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !
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 agency, coded	!R! See Note 2 ! ! ! !
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !
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 agency, coded	!R! ! ! ! !
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !
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 agency, coded	!R! See Note 2 ! ! ! !

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)
'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

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').

QTY QUANTITY

Function: To specify the cumulative quantity and batch sizes.

Usage : D..2

Remarks : This segment should only be used when it is necessary to transmit data relevant to all occurrences of the QTY segment in Segment Group 9. It is not in the EDIFACT UNSM and should be used until EDIFACT makes a suitable segment available.

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! See Note 2
6411 an..3	C Measure unit qualifier	!O! See Note 3
		! !
-----+-----		

Note 1: DE 6063 QUANTITY QUALIFIER
When these codes are used then the code '1' will always be used in DE 6063 in the QTY segment in Segment Group 9.
'3' Cumulative quantity
Use this code to specify the total quantity of the line item to be delivered.
'45' Delivery batch size multiple
Use this code to identify the batch size (e.g. kanban quantity).
Use this code until EDIFACT makes one available.

Note 2: DE 6060 QUANTITY
When the code in DE 6063 is '3', then this must be the sum of all the quantities in DE 6060 Quantity in all occurrences of the QTY segment in Segment Group 9.
When the code in DE 6063 is '45', then the quantity in DE 6060 (Quantity) in any occurrence of the QTY segment in Segment Group 9 will be a multiple of this quantity.

Note 3: DE 6411 MEASURE UNIT QUALIFIER
See UN/ECE recommendation number 20, 3 alpha code

SG 5

DETAIL

SEGMENT GROUP 6

Function: A group of segments giving references relating to the line item.
Usage : A..5
Remarks : The codes used in Reference (RFF) segment DE 1153 for 'Blanket
order number' and 'Order number (purchase)' can not both be used
in this segment group.

--- Segment Group 6 ----- A..5 -----+
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 schedule, contract and/or purchase order information it must not appear here.

Due to the limited repetition of Segment Group 6 only 5 codes can be transmitted with DE 1153.

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!
4000 an..35	C Reference version number	!X!
		! !
-----+-----		

Note 1: DE 1153 REFERENCE QUALIFIER

'BO' Blanket order number

'CT' Contract number

'AAJ' Delivery order number

'AAN' Delivery schedule number

'AAQ' Unit load device (e.g. container) identification number

'LS' Bar coded label serial number

'MH' Manufacturing order number

'ON' Order number (purchase)

The 'ON' and 'BO' codes cannot both be used in this segment group.

SG 5

DETAIL

SEGMENT GROUP 7

Function: A group of segments providing delivery location information
related to the line item.

Usage : 01

Remarks : This segment is to be used to specify the exact location within
the factory/plant where the goods are to be delivered. This
segment is not used where the delivery address information given
in the NAD segment is sufficient identification.

--- Segment Group 7 ----- 01 -----+
LOC Place/location identification M1 -----+

LOC PLACE/LOCATION IDENTIFICATION

Function: To specify the exact location within a factory/plant where the goods are to be delivered.

Usage : M1

Remarks :

Ref.	Rep.	Name	! EDIFICE UTILISATION
3227	an..3	M PLACE/LOCATION QUALIFIER	!M! '7' Place of delivery
C517		C LOCATION IDENTIFICATION	!R!
3225	an..25	C Place/location identification	!R!
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!R! See Note 1
3224	an..17	C Place/location	!X!
C519		C RELATED LOCATION ONE IDENTIFICATION	!X!
3223	an..25	C Related place/location one identification	!R!
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!R!
3222	an..70	C Related place/location one	!X!
C553		C RELATED LOCATION TWO IDENTIFICATION	!X!
3233	an..25	C Related place/location two identification	!R!
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!R!
3232	an..70	C Related place/location two	!X!
5479	an..3	C RELATION, CODED	!X!

Note 1: DE 3055 CODE LIST RESPONSIBLE AGENCY, CODED
'92' Assigned by buyer or buyer's agent

SG 5

DETAIL

SEGMENT GROUP 9

Function: A group of segments specifying quantity and date information for delivery of the line item.

Usage : R..100

Remarks : Where Segment Group 5 Quantity (QTY) segment uses code '3' in DE 6063, then the sum of all quantities in this segment group must equal the quantity given in DE 6060 in the SG 5 QTY segment.

```
--- Segment Group 9 ----- R..100 -----+
QTY  Quantity                      M1                      !
DTM  Date/time/period              R1                      !
                                           !
--- Segment Group 10 ----- A1 -----+ !
RFF  Reference                      M1 -----+--+
```

QTY QUANTITY

Function: To specify the delivery quantity.

Usage : M1

Remarks : Where the Quantity (QTY) segment in Segment Group 5 is used,
then the code '1' must be used here. Code '131' can only be used
where the SG 5 QTY segment is not used.

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! See Note 2
6411 an..3	C Measure unit qualifier	!O! See Note 3
		! !
-----+-----		

Note 1: DE 6063 QUANTITY QUALIFIER
'1' Discrete quantity
'131' Delivery quantity

Note 2: DE 6060 QUANTITY
Where the code '45' is used in DE 6063 in the SG 5 QTY segment,
then the quantity here must be a multiple of the quantity given
in DE 6060 in the SG 5 QTY segment.

Note 3: DE 6411 MEASURE UNIT QUALIFIER
See UN/ECE recommendation number 20, 3 alpha code

DTM DATE/TIME/PERIOD

Function: To specify date and time of part delivery.

Usage : R1

Remarks : Delivery time assumed to be local time at the place the parts
are to be delivered.

Ref.	Rep.	Name	!	EDIFICE UTILISATION
C507		M DATE/TIME/PERIOD	! !	
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, requestedNote 2: DE 2379 DATE/TIME/PERIOD FORMAT QUALIFIER
'101' YYMMDD
'102' CCYYMMDD
'201' YYMMDDHHMM
'203' CCYYMMDDHHMM

SG 9

DETAIL

SEGMENT GROUP 10

Function: A group of segments giving references relating to the requested
 delivery.

Usage : A1

Remarks :

--- Segment Group 10 ----- A1 -----+
RFF Reference M1 -----+

RFF REFERENCE

Function: To specify references associated with the requested delivery quantity at a given date and time.

Usage : M1

Remarks : To provide relevant identifying numbers for one delivery of one part at one date and time. Possible usages are to specify the container number or bar coded label serial number to accompany the delivery. If used it cannot override previous references.

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

'AAJ' Delivery order number

'AAQ' Unit load device (e.g. container) identification number

'LS' Bar coded label serial number

'JB' Job number

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

The numerous possible implementations of the EDIFACT Delivery Just in Time message. Two have been created here for clarification of the EDIFICE Implementation Guide. The two examples that follow are based on the simple Delivery Schedule (DELFOR) transaction shown below.

UNH+1+DELFOR:2:921:UN:ED2'

Header Section

BGM+241+5678'
DTM+137:930518:101'
RFF+PDN+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::92'

UNS+D'

Detail Section

LIN+1++ABC0071:BP::92
PIA+1+ACT2T:EC::92'
IMD++3'
RFF+BO:6785432:1'
QTY+3+:1000:EACH'
NAD+ZZ::92'
QTY+FQ+:500'
SCC+4'
DTM+158+930524'
DTM+159+930531'
QTY+FQ+:500'
SCC+4'
DTM+158+930601'
DTM+159+930608'

UNS+S'

UNT+28+1'

EXAMPLE 1

Delivery Just in Time - Cumulative delivery quantities

UNH+1+DELJIT:2:921:UN:ED2'

Header Section

BGM+245+4321'
DTM+137:930520:101'
RFF+AAN+5678'
NAD+BY+MAGIMAX LTD::92'
CTA+PD+:PETER SMITH'
COM+0756-551234:TE'
NAD+SE+PISCES SEMICONDUCTORS::92'

Detail Section

SEQ+3'
LIN+1++ABC0071:BP::92
PIA+1+ACT2T:EC::92'
RFF+AAJ:666601'
QTY+3:1000:EACH'
QTY+1:200:EACH'
DTM+002+930524'
RFF+AAQ:7777001'
QTY+1:500:EACH'
DTM+002+930601'
RFF+AAQ:7777002'
QTY+1:300:EACH'
DTM+002+930608'
RFF+AAQ:7777003'

UNT+23+1'

EXAMPLE 2

Delivery Just in Time - Multiple batch size delivery quantities

UNH+1+DELJIT:2:921:UN:ED2'

Header Section

BGM+245+4321'
DTM+137:930520:101'
RFF+AAN+5678'
NAD+BY+MAGIMAX LTD::92'
NAD+SE+PISCES SEMICONDUCTORS::92'

Detail Section

SEQ+3'
LIN+1++ABC0071:BP::92
PIA+1+ACT2T:EC::92'
RFF+AAJ:666601'
LOC+7+LC55555::92'
QTY+45:100:EACH'
QTY+1:200:EACH'
DTM+002+930524'
RFF+AAQ:7777001'
QTY+1:500:EACH'
DTM+002+930601'
RFF+AAQ:7777002'
QTY+1:300:EACH'
DTM+002+930608'
RFF+AAQ:7777003'

UNT+22+1'