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!           !
!         Issue 3         !
!         -----         !
!           !
!         Endorsed       !
!           !
!       13 April 1994   !
!           !
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EDIFICE - UTILISATION
OF THE
EDIFACT - ORDCHG MESSAGE
(PURCHASE ORDER CHANGE MESSAGE)

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EDIFICE
Electronic Data Interchange Forum for companies
with Interests in Computing and Electronics
c/o ADC-Admin
Tiensestraat 2
B-3320 Hoegaarden
Belgium
Tel: +32 16 76 54 40
Fax: +32 16 76 53 58
Internet: Dora.Cresens@pophost.eunet.be

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COMPARISON TO PREVIOUS ISSUE

This release includes the changes that have been made to the issue 2.0 Purchase Order, Purchase Order Response & Purchase Order Change documents endorsed by the EDIFICE Plenary on the 11th December 1991. The changes are as follows:

- Recast from the 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.

Some of the updates are as follows:

- * Use of the guideline under the traditional order cycle scenario (T1) determines that the principle of closed loop EDI messaging is optional.
 - * References to the vendor order number no longer exist as it has been considered being secondary information to the original Purchase Order number of the buyer and therefore redundant in the information flow.
 - * The BGM message function code is used only to convey the nature of the whole message (i.e. if it is "original" or "confirmation"). The LIN action request code is used to convey the action to be taken for the Purchase Order line.
 - * The inclusion of Allowance or Charge at header level.
 - * Use of PIA for secondary item substitution mechanism.
 - * A clear description of an item being ordered is no longer sufficient. A primary item number is required to be sent in the LIN segment.
- 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. An update of the codes has been made.

EDIFICE FUNCTIONAL DEFINITION

Introduction

It is advised to read the functional definition and study the message guideline examples thoroughly before implementing any of the three messages.

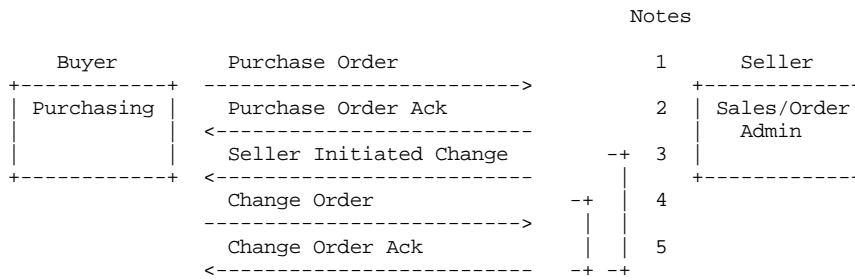
EDIFICE provides three interrelated messages for the purchase ordering process: The Purchase Order (ORDERS), the Purchase Order Change Request (ORDCHG) and the Purchase Order Response (ORDRSP). Together they are used to form a purchase order cycle.

This usage has been created with the intention of satisfying about eighty percent of the electronics industry EDI ordering requirements. It is a 'core' set of segments for the order transaction. During the development of this document it has been recognised that there are further requirements that are special to certain areas of the electronics industry. These requirements will need to be considered under a separate document.

EDI Business Architecture for the Order cycle

The traditional order cycle caters for the ordering of materials and/or services under a business or commercial agreement. It is assumed that this agreement defines all standard, basic trading terms and conditions as agreed between the two parties. As such, all three messages used in the traditional order cycle always constitute a business transaction under this agreement, to which they will refer for basic terms and conditions.

Buyer calculates requirements and places purchase orders, based upon agreed standard product and pricing info, or upon Request for Quote/Quotes.



-
- | | |
|---|--|
| <p>1 Buyer generates (stand-alone) Purchase Order using ORDERS.</p> <p>2 Seller responds with Order Response using ORDRSP.</p> <p>3 Seller-initiated changes done via Order Response using ORDRSP.</p> <p>4A Change Orders issued from buyer to convey buyer-initiated changes using ORDCHG.</p> <p>4B Change Orders issued from buyer to notify seller of non-acceptance of seller-initiated changes using ORDCHG (exception process).</p> | <p>4C Change Orders issued from buyer to notify seller of acceptance of seller-initiated changes using ORDCHG (option)</p> <p>5A Seller acknowledges Buyer-Initiated Change Orders via Order Response using ORDRSP. This ends the loop.</p> <p>5B Seller acknowledges Change Orders issued by Buyer, as a result of Seller-initiated changes using ORDRSP. This ends the loop.</p> |
|---|--|

Order Cycle Principles

- * The original Purchase Order should refer to a business or commercial agreement. Any subsequent message to the original Purchase Order should refer to the original Purchase Order. In doing so, reference to the business or commercial agreement for the business transaction is given indirectly. Therefore, no reference to the contract or quote agreement needs to be specified in Purchase Order Change Requests or Purchase Order Responses following the Purchase Order unless a Purchase Order Change Request is issued to add line items to the Purchase Order.
- * If references to more than one contract/quote exist in the same order cycle, an overall agreement applicable to all contracts/quotes involved regarding payment terms, terms of delivery (i.e. data at header level) is needed between the business partners, as this information cannot be conveyed per contract/quote in the EDI message.
- * It is recommended to exclude all information that could be previously agreed in a business or commercial agreement from the EDI messages. Examples thereof are TAX, PAT, PCD, TDT, TOD and LOC. Use these segments only if the information needs to be conveyed at the time of ordering.
- * One item number (Product Number) agreed to be the primary reference number between the buyer and the seller is used to identify the item being ordered. If no item number (Product Number) exists, one should be created for the purpose of EDI.
- * To identify the individual items being ordered (Segment Group 25), the combination of the Buyer's original Document Number (BGM DE1004) and the Buyer's original line number (RFF in Segment Group 28 DE1156) will normally be used. Any other means of identification must be agreed upon by the trading partners in the Trading Partner Agreement.
- * All information related to purchased goods or services must be specified at the line item level, to avoid any ambiguity. Thus each line item can be treated as an order.
- * It is strongly advised not to take minor corrective actions or changes via EDI. One of the objectives of EDI is to provide good data. Should bad data be transmitted or should a change request occur for administrative data in the Header section, then corrective action would normally take place via other means than EDI.
- * The use of free text in the messages is highly discouraged.
- * Business partners must agree either to send contract/quote information at header level or at line level, all through the order cycle. It is recommended to have these references at the header level for simplicity of processing.

Order Cycle Principles (continued)

In order to keep the interrelation between the three messages unambiguous, a couple of key definitions and basic assumptions in the information flow need to be clarified.

- If a Purchase Order has more than one line item, it has to be considered as a collection of one line item Purchase Orders being identified by the Purchase Order number and the line item number. Each line item therefore has its own life cycle.
- Each transmitted message in the order cycle must have a unique document number in BGM DE1004.

EDIFICE recommends to keep all references to preceding messages (except for the reference to the original Purchase Order) at detail level in the RFF segment in segment group 28. Only if mutually agreed between trading partners and if these references are the same for all line items they may be given at header level in the RFF segment in segment group 1 and not at the detail level.

Trading partners may by mutual agreement decide to make the sending of "scheduling conditions (SCC/QTY/DTM) as it was BEFORE the now transmitted message" optional if the information is not needed in their business relationship. EDIFICE, however, recommends it to be sent in accordance to the principles set out in the EDIFICE FUNCTIONAL DEFINITION.

Purchase Order Change Request

The Purchase Order Change Request is issued to :

- Request a modification of a previously sent Purchase Order
- Request a modification of previously sent Purchase Order Change Request/Requests
- Respond to amendments as proposed in one or many previously sent Purchase Order Response/Responses by the seller
- State acceptance to amendments as proposed in one or many previously sent Purchase Order Response/Responses by the seller.

Purchase Order Change Request (continued)

A change may NOT be requested on:

- Following information in the Header section: Original Purchase Order number, Currency and the identification of buyer and seller. These changes may only be requested by deleting the line items of the referenced message and placing a new order. Deletion of one, many or all line items involved in a transaction is indicated in LIN, DE 1229, for each separate line item using the value '2' (deleted).
- Those data elements which identify the individual items being ordered (RFF in Segment Group 28). These changes may only be requested by deleting the referenced line item and adding a new one.
- The information which identifies the item ordered (LIN DE7140).

A Purchase Order Change Request must always refer to the original Purchase Order at Header level. Furthermore, the last received Purchase Order Response proposing a change to a line item by the seller or the last transmitted Purchase Order Change Request requesting amendments to a line item by the buyer should be referenced at Detail level for the line item concerned (if any). Only if mutually agreed between trading partners and if these references are the same for all line items they may be given at header level in the RFF segment in segment group 1 and not at the detail level.

The following data must be transmitted:

- Those required to identify the individual items being ordered (RFF in Segment Group 28).
- All segments below the LIN segment, when there is a proposed change in one of them.

It is up to the business partners to decide whether to transmit the entire detail section (including those line items which have not been changed) or only those line items which have changed.

Any change request on information open for change in the header section will automatically apply to the whole original purchase order.

When a line item in the Purchase Order Change Request is sent as "deleted", "not found" or "not amended" by means of the appropriate code for DE 1229 of the LIN segment, no underlying segments of the LIN need to be transmitted except for the RFF segments specifying the original Purchase Order line number and the preceding message document number (if any). If information in the underlying segment is transmitted, all relevant underlying segments must be transmitted.

Purchase Order Response

A Purchase Order Response is issued to:

- State acceptance to the conditions set out in the Purchase Order or Purchase Order Change Request/Requests as requested by the buyer.
- Propose a modification of the previously received Purchase Order
- Propose a modification of previously received Purchase Order Change Request/Requests

Any change request conveyed in an ORDRSP by the seller is to be considered as a proposal.

Purchase Order Response (continued)

In case of non-acceptance by the seller, the Purchase Order Response may not propose changes to:

- The Header section except for segment group 18 (Allowance or charge) of the referenced message. These may only be proposed by not accepting the line items of the referenced message. Non-acceptance of one, many or all line items involved in the transaction is indicated in LIN, DE 1229 for each separate line item using the value '7' (Not accepted).
- Those data elements which identify the individual items being ordered (RFF in Segments Group 28).
- The information which identifies the item ordered (LIN DE 7140).

A Purchase Order Response must always refer to the original Purchase Order at Header level. Furthermore, the last received Purchase Order Change Request requesting amendments to a line item by the buyer should be referenced at Detail level for the line item concerned (if any). Only if mutually agreed between trading partners and if these references are the same for all line items they may be given at header level in the RFF segment in segment group 1 and not at the detail level.

Note that a Purchase Order Response never references the last transmitted Purchase Order Response for the line item in question. The Purchase Order Response is always sent in response to the last received message from the buyer.

The following data must be transmitted:

- That required to identify the individual items being ordered (RFF in Segment Group 28).
- All segments below the LIN segment, when there is a proposed change in one of them.

Acknowledgement, confirmation and proposed amendments may be mixed within the message using the appropriate code in LIN.

It is up to the business partners to decide whether to transmit the entire detail section (including those line items which have not been acted upon) or only those line items which have been acted upon.

A proposed change to SG 18 (Allowance or charge) will automatically apply to the whole purchase order.

When a line item in the Purchase Order Response is acknowledged as "no action", "accepted without amendment", "not accepted", "deleted" or "not found", by means of the appropriate code for DE 1229 of the LIN segment, no underlying segments of the referenced LIN need to be transmitted except for the RFF segments specifying the original Purchase Order line number and the preceding message from the buyer, i.e. preceding Purchase Order Change Request document number (if any). If information in the underlying segments is transmitted, all relevant underlying segments must be transmitted.

Structure of references and scheduling conditions

(for further clarification, see Example 4)

The three messages involved in the purchase order cycle interact at line item level. For example, an original Purchase Order or a Purchase Order Change Request with multiple line items may be responded to with several different Purchase Order Responses. Each one of the Responses may contain responses to one or many of the requested line items of the original Purchase Order or Purchase Order Change Request. Accordingly, a Purchase Order Change Request may contain amendments to one or many line items of a previously transmitted Purchase Order, Purchase Order Change Request or received Purchase Order Response.

Also, the line items that are being responded to in a Purchase Order Response may originate from a Purchase Order or from several Purchase Order Change Requests or from both the original Purchase Order and one or many previous Purchase Order Change Requests. The line items that are being amended in a Purchase Order Change Request may, according to the same principle, originate from several different preceding messages.

Basically, there is an interrelated mechanism in the messages which enable the interaction at line item level: the reference to the previously sent message at line item level, which automatically gives the reference to the previously communicated scheduling conditions for the line item in question.

- * ORDERS
 - BGM : purchase order number
 - RFF (SG1) : contract/quote information
 - RFF (SG28) : line number
 - QTY (SG49) : ordered quantity
 - DTM (SG49) : requested delivery/shipment date

- * ORDRSP
 - BGM : purchase order response number
 - RFF (SG1) : purchase order number
 - RFF (SG28) : line number
 - RFF (SG28) : preceding Purchase Order Change document number for this line item
 - a) QTY (SG49) : ordered quantity
 - DTM (SG49) : requested delivery/shipment date
 - b) QTY (SG49) : quantity to be delivered
 - DTM (SG49) : schedule delivery/shipment date

- * ORDCHG
 - BGM : purchase order change request number
 - RFF (SG1) : purchase order number
 - RFF (SG28) : line number
 - RFF (SG28) : preceding message document number for this line item (Purchase Order Change or Purchase Order Response)
 - a) QTY (SG49) : OLD ordered or outstanding quantity
 - DTM (SG49) : superseded date
 - b) QTY (SG49) : NEW ordered or outstanding quantity
 - DTM (SG49) : schedule delivery/shipment date

Any subsequent message to the original order should include

a) the scheduling conditions (QTY/DTM) as they were BEFORE the now transmitted message
and

b) the new proposed/requested scheduling conditions
except where SG 49 is used for positioning or where a line item is being added (see message details for further explanation)

The situation a) is always retrieved from the preceding message for the line item in question.

The preceding message for the line item is always referenced in the RFF segment in SG28.

The original Purchase Order for the line item (and for all line items in the same subsequent message) is always referenced in the RFF segment in SGL.

If no preceding message exists other than the original Purchase Order, there will be no reference in SG28 except for the line number reference. If this is the case, situation a) should be retrieved from the original Purchase Order.

For each line item, there can only be one reference to the preceding message at line item level as there can only ever be one preceding message for that line item.

Identified timing problem:

A mismatch in the referencing mechanism might appear if the buyer and the seller transmit messages involving the same line item/items at the same time. It is up to the business partners to agree on how to handle the situation if it should occur.

REFERENCES

UNSM Purchase Order Change Request (ORDCHG)
Version 1, Release 921, Status 1, Date 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 3166 Codes for the representation of names of countries.
ISO 4217 Codes for the representation of currencies and funds.
UN/ECE RECOMMENDATION NUMBER 5 ICC INCOTERMS 1990.
UN/ECE RECOMMENDATION NUMBER 16 UNLOCODE.
UN/ECE RECOMMENDATION NUMBER 19 for Mode of Transport.
UN/ECE RECOMMENDATION NUMBER 20 Codes for Units of Measurement.
UN/ECE RECOMMENDATION NUMBER 21 (TDED 5.8) alpha codes.

EXPLANATORY NOTES

The following abbreviations are used within this document:

DE = Data Element
SG = Segment Group

The following 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.

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
Quantities	n..15	12	3
Volumes	n..18	15	3
Weights	n..18	15	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 possible date and time formats used within the message should be consistent.

EDIFICE MESSAGE DIAGRAM

UNH	Message header	M1	
BGM	Beginning of message	M1	
DTM	Date/time/period	M1	
FTX	Free text	O1	
--- Segment Group 1 ----- R..5 -----+			
RFF	Reference	M1	!
DTM	Date/time/period	D1	-----+
--- Segment Group 2 ----- R..6 -----+			
NAD	Name and address	M1	!
--- Segment Group 3 ----- D1 -----+			
RFF	Reference	M1	-----+ !
--- Segment Group 5 ----- O1 -----+ !			
CTA	Contact information	M1	! !
COM	Communication contact	A..3	-----+ -+ !
--- Segment Group 6 ----- D1 -----+			
TAX	Duty/tax/fee details	M1	-----+
--- Segment Group 7 ----- D1 -----+			
CUX	Currencies	M1	-----+
--- Segment Group 8 ----- O1 -----+			
PAT	Payment terms basis	M1	!
PCD	Percentage details	D1	-----+
--- Segment Group 9 ----- O1 -----+			
TDT	Details of transport	M1	-----+
--- Segment Group 11 ----- O1 -----+			
TOD	Terms of delivery	M1	!
LOC	Place/location identification	D1	-----+
--- Segment Group 12 ----- O1 -----+			
PAC	Package	M1	!
--- Segment Group 13 ----- O1 -----+ !			
PCI	Package identification	M1	-----+ -+ !
--- Segment Group 18 ----- O..10 -----+			
ALC	Allowance or charge	M1	!
--- Segment Group 21 ----- D1 -----+ !			
MOA	Monetary amount	M1	-----+ !
--- Segment Group 23 ----- D1 -----+ !			
TAX	Duty/tax/fee details	M1	-----+ -+ !

```
--- Segment Group 25 ----- R..9999 -----+
LIN Line item M1 !
PIA Additional product id D..10 !
IMD Item description D1 !
QTY Quantity D1 !
ALI Additional information O1 !
FTX Free text O1 !
!
--- Segment Group 27 ----- D1 -----+ !
PRI Price details M1 -----+ !
!
--- Segment Group 28 ----- R..6 -----+ !
RFF Reference M1 ! !
DTM Date/time/period D1 -----+ !
!
--- Segment Group 29 ----- O1 -----+ !
PAC Package M1 ! !
MEA Measurements O1 ! !
! !
--- Segment Group 31 ----- O1 -----+ ! !
PCI Package identification M1 -----+ !
!
--- Segment Group 33 ----- D1 -----+ !
TAX Duty/tax/fee details M1 -----+ !
!
--- Segment Group 34 ----- O1 -----+ !
NAD Name and address M1 ! !
! !
--- Segment Group 36 ----- R..2 -----+ ! !
DOC Document/message details M1 -----+ !
!
--- Segment Group 38 ----- D..10 -----+ !
ALC Allowance or charge M1 ! !
! !
--- Segment Group 41 ----- R1 -----+ ! !
MOA Monetary amount M1 -----+ ! !
! !
--- Segment Group 43 ----- D1 -----+ ! !
TAX Duty/tax/fee details M1 -----+ !
!
--- Segment Group 48 ----- D..100 -----+ !
SCC Scheduling conditions M1 ! !
! !
--- Segment Group 49 ----- R..10 -----+ ! !
QTY Quantity M1 ! ! !
DTM Date/time/period R1 -----+ ! !
! !
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 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!	'ORDCHG'
0052 an..3	M Message type version number	!M!	'1'
0054 an..3	M Message type release number	!M!	'921'
0051 an..2	M Controlling agency	!M!	'UN'
0057 an..6	C Association assigned code	!R!	'ED3'
0068 an..35	C COMMON ACCESS REFERENCE	!X!	
S010	C STATUS OF THE TRANSFER	!O!	
0070 n..2	M Sequence message transfer number	!M!	
0073 a..1	C First/last sequence message transfer indication	!O!	

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

BGM BEGINNING OF MESSAGE

Function: To indicate the beginning of the Purchase Order Change Request,
to specify its function and to transmit the buyer's Purchase
Order Change Request number.

Usage : M1

Remarks : All references other than purchase order change request number
are in RFF segments.

Ref. Rep.	Name	!	EDIFICE UTILISATION
C002	C DOCUMENT/MESSAGE NAME	!!	
1001 an..3	C Document/message name, coded	!R!	See Note 1
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	!!	See Note 2
1225 an..3	C MESSAGE FUNCTION, CODED	!R!	See Note 3
4343 an..3	C RESPONSE TYPE, CODED	!X!	

Note 1: DE 1001 DOCUMENT/MESSAGE NAME, CODED
'230' Purchase order change request

Note 2: DE 1004 DOCUMENT/MESSAGE NUMBER
Purchase Order Change Request number

Note 3: DE 1225 MESSAGE FUNCTION, CODED
'9' Original
'42' Confirmation via specific means
For confirmation of a Purchase Order Change Request
already transmitted by other means.

DTM DATE/TIME/PERIOD

Function: To specify the Purchase Order Change Request date.
Usage : M1
Remarks :

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

Note 1: DE 2005 DATE/TIME/PERIOD QUALIFIER
'137' Document/message date/time

Note 2: DE 2380 DATE/TIME/PERIOD
Purchase Order Change Request date

Note 3: DE 2379 DATE/TIME/PERIOD FORMAT QUALIFIER
'101' YYMMDD
'102' CCYYMMDD

FTX FREE TEXT

Function: To show text applicable to the whole Purchase Order Change Request.

Usage : 01

Remarks : EDIFICE recommends not to use FTX segments.

Ref.	Rep.	Name	! EDIFICE UTILISATION
4451	an..3	M TEXT SUBJECT QUALIFIER	!! !M! 'GEN' Entire transaction set !!
4453	an..3	C TEXT FUNCTION, CODED	!R! See Note 1 !!
C107		C TEXT REFERENCE	!X!
4441	an..3	M Free text, coded	!!
1131	an..3	C Code list qualifier	!!
3055	an..3	C Code list responsible agency, coded	!! !!
C108		C TEXT LITERAL	!R!
4440	an..70	M Free text	!M!
4440	an..70	C Free text	!O!
4440	an..70	C Free text	!O!
4440	an..70	C Free text	!O!
4440	an..70	C Free text	!O!
3453	an..3	C LANGUAGE, CODED	!! !X! !!

Note 1: DE 4453 TEXT FUNCTION, CODED

- '1' Text for subsequent use
The occurrence of this text does not affect order processing.
- '3' Text for immediate use
Text must be read before processing the order.

SEGMENT GROUP 1

Function: To indicate reference documents associated with the whole
Purchase Order Change Request.

Usage : R..5

Remarks : A Purchase Order Change Request must refer to the original
Purchase Order at header level.

Reference to a preceding transmitted Purchase Order Change
Request or received Purchase Order Response for each line item
should be given at the detail level in the RFF segment in
Segment Group 28. Only if mutually agreed between trading
partners and if this reference is the same for all line items it
may be given here and not at detail level.

Only if the whole Purchase Order Change Request is issued to add
line items to the referenced original Purchase Order, one or
more RFF segments specifying contract or quote information for
the added line items should be present, preferably at header
level. If this is the case, then the information should not
differ from that sent in the original Purchase Order message. If
this information is given at detail level, it must not appear
here. If the end-customer is a government, GC is used to specify
the government contract number.

---	Segment Group	1	-----	R..5	-----	+
RFF	Reference			M1		!
DTM	Date/time/period			D1	-----	+

RFF REFERENCE

Function: To specify a reference associated with the whole Purchase Order Change Request.

Usage : M1

Remarks : A Purchase Order Change Request must refer to the original Purchase Order at header level.

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

- 'OP' Original purchase order
Reference to the previously sent Purchase Order.
- 'CT' Contract number
Reference number of the contract between two parties.
- 'PR' Price quote number
- 'GC' Government contract number
- 'AAD' Contract addendum number
Number assigned by the issuer of a contract addendum.
- 'AAA' Acknowledgement of order number
Reference to the seller's Purchase Order Response number for the line item.
- 'PP' Purchase order change number
Reference number assigned by a buyer for a revision of a purchase order for the line item.

DTM DATE/TIME/PERIOD

Function: To specify date of the reference.
Usage : D1
Remarks : Only if needed in the case where the added line item/items refer to a government contract number.

Ref. Rep.	Name		! EDIFICE UTILISATION
C507	M DATE/TIME/PERIOD		! !
2005 an..3	M Date/time/period qualifier		!M! '171' Reference date/time ! !
2380 an..35	C Date/time/period		!R!
2379 an..3	C Date/time/period format qualifier		!R! See Note 1 ! ! ! !

Note 1: DE 2379 DATE/TIME/PERIOD FORMAT QUALIFIER
'101' YMMDD
'102' CCYYMMDD

SEGMENT GROUP 2

Function: A group of segments that identify name, address, VAT
registration number and contacts of the parties relevant to the
whole Purchase Order Change Request.
Usage : R..6
Remarks : The NAD segments that identify the buyer and seller must be
present and may not be different from the ones on the original
Purchase Order.

```
--- Segment Group 2 ----- R..6 -----+
NAD  Name and address          M1                      !
                                           !
--- Segment Group 3 ----- D1 -----+ !
RFF  Reference                 M1 -----+ !
                                           !
--- Segment Group 5 ----- O1 -----+ !
CTA  Contact information       M1                      ! !
COM  Communication contact     A..3 -----+ +
```

NAD NAME AND ADDRESS

Function: To specify the name and address of a party involved in the Purchase Order Change Request.

Usage : M1

Remarks : It is advised that the Party Identification composite element (CO82) be used. Trading partners must agree either to use the structured name and address elements (CO80 and onwards), as recommended by EDIFACT, or the unstructured name and address composite element (CO58), when CO82 can not be used.

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 ISO 3166, 2 alpha code
			!	!
-----+-----				

Note 1: DE 3035 PARTY QUALIFIER

'BY' Buyer
'SE' Seller
'AK' Acknowledgement recipient
'DP' Delivery party
'IV' Invoicee
'FW' Freight forwarder

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 specify VAT registration number of the relevant buying party.
Usage : D1
Remarks : Used if EC regulations or country law requires VAT
registration number and trading partners decide to transmit
it in the Purchase Order Change Request.

--- Segment Group 3 ----- D1 -----+
RFF Reference M1 -----+

RFF REFERENCE

Function: To specify VAT registration number.

Usage : M1

Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
C506		M REFERENCE	!	!
1153	an..3	M Reference qualifier	!M!	See Note 1
1154	an..35	C Reference number	!R!	VAT registration number
1156	an..6	C Line number	!X!	
4000	an..35	C Reference version number	!X!	

Note 1: DE 1153 REFERENCE QUALIFIER
 'VA' VAT registration number
 Unique number assigned by the relevant tax authority to
 identify a party for use in relation to Value Added Tax
 (VAT).

SG 2

HEADER

SEGMENT GROUP 5

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

Usage : 01

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

```
--- Segment Group 5 ----- 01 -----+
CTA Contact information           M1           !
COM Communication contact        A..3 -----+
```

CTA CONTACT INFORMATION

Function: To give additional buyer contact information.
 Usage : M1
 Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
3139	an..3	C CONTACT FUNCTION, CODED	!R!	See Note 1
C056		C DEPARTMENT OR EMPLOYEE DETAILS	!R!	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.

COM COMMUNICATION CONTACT

Function: To identify a communication number of the department or the person specified in the CTA segment, to whom communication should be directed.

Usage : A..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
'FX' Telefax
'TE' Telephone
'TL' Telex

SEGMENT GROUP 6

Function: To specify tax related information for the whole Purchase Order
Change Request.

Usage : D1

Remarks : This segment group is only to be used where the country law
requires Tax to be specified in the Purchase Order Change
Request, specifically where business is transacted in
Switzerland.

--- Segment Group 6 ----- D1 -----+
TAX Duty/tax/fee details M1 -----+

TAX DUTY/TAX/FEE DETAILS

Function: To specify tax related information.
 Usage : M1
 Remarks : To identify the tax percentage rate applicable to the whole
 Purchase Order. C243 is not used when DE 5305 indicates 'Exempt
 from Tax' (E).

Ref.	Rep.	Name	!	EDIFICE UTILISATION
			! !	
5283	an..3	M DUTY/TAX/FEE FUNCTION QUALIFIER	!M!	'7' Tax
			! !	
C241		C DUTY/TAX/FEE TYPE	!R!	
5153	an..3	C Duty/tax/fee type, coded	!R!	See Note 1
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
			! !	
5152	an..35	C Duty/tax/fee type	!X!	
			! !	
C533		C DUTY/TAX/FEE ACCOUNT DETAIL	!X!	
			! !	
5289	an..6	M Duty/tax/fee account identification	! !	
			! !	
1131	an..3	C Code list qualifier	! !	
3055	an..3	C Code list responsible agency, coded	! !	
			! !	
5286	an..15	C DUTY/TAX/FEE ASSESSMENT BASIS	!X!	
			! !	
C243		C DUTY/TAX/FEE DETAIL	!D!	
5279	an..7	C Duty/tax/fee rate identification	!X!	
			! !	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
			! !	
5278	an..17	C Duty/tax/fee rate	!R!	Tax rate
5273	an..12	C Duty/tax/fee rate basis identification	!X!	
			! !	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
			! !	
5305	an..3	C DUTY/TAX/FEE CATEGORY, CODED	!R!	See Note 2
			! !	
			! !	
3446	an..20	C PARTY TAX IDENTIFICATION NUMBER	!X!	
			! !	
			! !	

Note 1: DE 5153 DUTY/TAX/FEE TYPE, CODED
'WUS' Wust (Switzerland)
This is the Wust Waren-Umsatzsteuer of Switzerland.
Use this code until EDIFACT makes one available.

Note 2: DE 5305 DUTY/TAX/FEE CATEGORY, CODED
'E' Exempt from tax
'S' Standard rate
'Z' Zero rated goods

SEGMENT GROUP 7

Function: To specify the currency used in the Purchase Order Change Request.

Usage : D1

Remarks : The currency must be specified if prices and/or amounts (PRI, ALC segments etc) are sent in the Purchase Order Change Request and can not be different from that specified in the referenced original Purchase Order.

--- Segment Group 7 ----- D1 -----+
CUX Currencies M1 -----+

CUX CURRENCIES

Function: To specify the currency of prices and/or amounts used in the
Purchase Order Change Request.

Usage : M1

Remarks :

Ref. Rep.	Name	!	EDIFICE UTILISATION
C504	C CURRENCY DETAILS	!	!
6347 an..3	M Currency details qualifier	!M!	'2' Reference currency
6345 an..3	C Currency, coded	!R!	See ISO 4217, 3 alpha code
6343 an..3	C Currency qualifier	!R!	'9' Order currency
6348 n..4	C Currency rate base	!X!	
C504	C CURRENCY DETAILS	!X!	
6347 an..3	M Currency details qualifier	! !	
6345 an..3	C Currency, coded	! !	
6343 an..3	C Currency qualifier	! !	
6348 n..4	C Currency rate base	! !	
5402 n..12	C RATE OF EXCHANGE	!X!	
6341 an..3	C CURRENCY MARKET EXCHANGE, CODED	!X!	

SEGMENT GROUP 8

Function: A group of segments indicating payment terms applicable to the whole original Purchase Order.

Usage : 01

Remarks : Used only if the payment terms need to be conveyed at the time of order change.

---	Segment Group	8	-----	01	-----	+
PAT	Payment terms basis			M1		!
PCD	Percentage details			D1	-----	+

PAT PAYMENT TERMS BASIS

Function: To specify the payment terms basis.

Usage : M1

Remarks :

Ref. Rep.	Name	!	EDIFICE UTILISATION
4279 an..3	M PAYMENT TERMS TYPE QUALIFIER	! !	!M! See Note 1
C110	C PAYMENT TERMS	!X!	
4277 an..17	M Terms of payment identification	! !	
1131 an..3	C Code list qualifier	! !	
3055 an..3	C Code list responsible agency, coded	! !	
4276 an..35	C Terms of payment	! !	
4276 an..35	C Terms of payment	! !	
C112	C TERMS/TIME INFORMATION	!R!	
2475 an..3	M Payment time reference, coded	! !	!M! See Note 2
2009 an..3	C Time relation, coded	!R!	See Note 3
2151 an..3	C Type of period, coded	!D!	'D' Day
2152 n..3	C Number of periods	!D!	Number of days

Note 1: DE 4279 PAYMENT TERMS TYPE QUALIFIER
'1' Basic
'22' Discount

Note 2: DE 2475 PAYMENT TIME REFERENCE, CODED
'29' Date of delivery of goods to establishments/domicile/site
Date the goods are delivered at agreed place of destination.
'5' Date of invoice
Payment time reference is date of invoice.

Note 3: DE 2009 TIME RELATION, CODED
'1' Reference date
'2' Before reference
'3' After reference

PCD PERCENTAGE DETAILS

Function: To specify percentage information relating to the payment terms basis.

Usage : D1

Remarks : Usage of this segment depends on the value of DE 4279 in PAT segment being '22' (Discount).

Ref. Rep.	Name	!	EDIFICE UTILISATION
		! !	
C501	M PERCENTAGE DETAILS	!M!	
5245 an..3	M Percentage qualifier	!M!	'12' Discount
5482 n..8	C Percentage	!R!	Discount percentage
5249 an..3	C Percentage basis, coded	!X!	
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!X!	
		! !	

SEGMENT GROUP 9

Function: To specify the mode and means of transport.
Usage : 01
Remarks : Used only if details of transport need to be conveyed at the
 time of order change.

--- Segment Group 9 ----- 01 -----+
TDT Details of transport M1 -----+

TDT DETAILS OF TRANSPORT

Function: To specify the mode and means of transport.

Usage : M1

Remarks : The carrier name DE 3128 should only be sent if no coded name is exchanged.

Ref.	Rep.	Name	!	EDIFICE UTILISATION
8051	an..3	M TRANSPORT STAGE QUALIFIER	!M!	'20' Main-carriage transport
8028	an..17	C CONVEYANCE REFERENCE NUMBER	!X!	
C220		C MODE OF TRANSPORT	!R!	
8067	an..3	C Mode of transport, coded	!R!	See Note 1
8066	an..17	C Mode of transport	!X!	
C228		C TRANSPORT MEANS	!X!	
8179	an..8	C Type of means of transport identification	!!	
8178	an..17	C Type of means of transport	!!	
C040		C CARRIER	!O!	
3127	an..17	C Carrier identification	!A!	Mutually defined code
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!!	
3128	an..35	C Carrier name	!D!	Carrier Name
8101	an..3	C TRANSIT DIRECTION, CODED	!X!	
C401		C EXCESS TRANSPORTATION INFORMATION	!X!	
8457	an..3	M Excess transportation reason, coded	!!	
8459	an..3	M Excess transportation responsibility, coded	!!	
7130	an..17	C Customer authorization number	!!	
C222		C TRANSPORT IDENTIFICATION	!X!	
8213	an..9	C Id of means of transport identification	!!	
1131	an..3	C Code list qualifier	!!	
3055	an..3	C Code list responsible agency, coded	!!	
8212	an..17	C Id of the means of transport	!!	
8453	an..3	C Nationality of means of transport, coded	!!	

Note 1: DE 8067 MODE OF TRANSPORT, CODED
'10' Maritime
'20' Rail
'30' Road
'40' Air
'50' Mail
'60' Multimodal
(UN/ECE RECOMMENDATION NUMBER 19)

SEGMENT GROUP 11

Function: A group of segments indicating terms of delivery applicable to
the whole original Purchase Order.

Usage : 01

Remarks : Used only if terms of delivery need to be conveyed at the time
of order change.

```
--- Segment Group 11 ----- 01 -----+
TOD Terms of delivery           M1           !
LOC Place/location identification D1 -----+
```

TOD TERMS OF DELIVERY

Function: To specify terms of delivery.

Usage : M1

Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
4055	an..3	C TERMS OF DELIVERY FUNCTION, CODED	!R!	'6' Delivery condition
4215	an..3	C TRANSPORT CHARGES METHOD OF PAYMENT, CODED	!X!	
C100		C TERMS OF DELIVERY	!R!	
4053	an..3	C Terms of delivery, coded	!R!	See Note 1
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
4052	an..70	C Terms of delivery	!X!	
4052	an..70	C Terms of delivery	!X!	

Note 1: DE 4053 TERMS OF DELIVERY, CODED
See UN/ECE RECOMMENDATION NUMBER 5 ICC INCOTERMS 1990

LOC PLACE/LOCATION IDENTIFICATION

Function: To specify a location related to the terms of delivery as specified in TOD.

Usage : D1

Remarks : Use this segment only in case DE 4053 (Terms of delivery, coded) in TOD requires a named place or destination.

It is advised to use DE 3225 to specify location in a coded Otherwise use DE 3224 for free form location name.

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

Note 1: DE 3225 PLACE/LOCATION IDENTIFICATION See UN/ECE RECOMMENDATION NUMBER 16 UNLOCODE

SEGMENT GROUP 12

Function: A group of segments for describing consignment packaging, i.e.
 type of packages (Pallets etc), markings and labels.
Usage : 01
Remarks :

```
--- Segment Group 12 ----- 01 -----+
PAC Package                               M1                               !
                                           !
--- Segment Group 13 ----- 01 -----+ !
PCI Package identification                M1 -----+--+
```

PAC PACKAGE

Function: To describe consignment packaging.

Usage : M1

Remarks :

Ref. Rep.	Name	!	EDIFICE UTILISATION
7224 n..8	C NUMBER OF PACKAGES	! !	
C531	C PACKAGING DETAILS	! !	
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	! !	
7065 an..7	C Type of packages identification	! !	See Note 1
1131 an..3	C Code list qualifier	! !	
3055 an..3	C Code list responsible agency, coded	! !	
7064 an..35	C Type of packages	! !	
C402	C PACKAGE TYPE 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 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
See UN/ECE RECOMMENDATION NUMBER 21 (TDED 5.8) alpha codes

SG12

HEADER

SEGMENT GROUP 13

Function: To specify markings and labels applicable to the consignment
 packaging.

Usage : 01

Remarks :

--- Segment Group 13 ----- 01 -----+
PCI Package identification M1 -----+

PCI PACKAGE IDENTIFICATION

Function: To specify markings and labels.

Usage : M1

Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
4233	an..3	C MARKING INSTRUCTIONS, CODED	!O!	'16' Buyer's instructions
C210		C MARKS & LABELS	!R!	
7102	an..35	M Shipping marks	!M!	Marking instruction
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
8275	an..3	C CONTAINER/PACKAGE STATUS, CODED	!X!	

SEGMENT GROUP 18

Function: A group of segments specifying allowances and/or charges related
to the whole original Purchase Order.

Usage : 0..10

Remarks :

```
--- Segment Group 18 ----- 0..10 -----+
ALC Allowance or charge          M1                      !
                                         !
--- Segment Group 21 ----- D1 -----+ !
MOA Monetary amount             M1 -----+ !
                                         !
--- Segment Group 23 ----- D1 -----+ !
TAX Duty/tax/fee details        M1 -----+ +
```

ALC ALLOWANCE OR CHARGE

Function: To specify allowance or charge applicable to the whole original Purchase Order.

Usage : M1

Remarks : If an allowance or charge is previously agreed, DE 1230 is used to convey this. If an allowance or charge is required at the time of order change, use DE 7161. These data elements cannot be used in the same segment occurrence. Use DE 1227 to specify sequence of calculation if more than one ALC is used.

Ref.	Rep.	Name	!	EDIFICE UTILISATION
5463	an..3	M ALLOWANCE OR CHARGE QUALIFIER	!!	See Note 1
C552		C ALLOWANCE/CHARGE INFORMATION	!!	
1230	an..35	C Allowance or charge number	!!	See Note 2
5189	an..3	C Charge/allowance description, coded	!!	
4471	an..3	C SETTLEMENT, CODED	!!	See Note 3
1227	an..3	C CALCULATION SEQUENCE INDICATOR, CODED	!!	
C214		C SPECIAL SERVICES IDENTIFICATION	!!	
7161	an..3	M Special services, coded	!!	See EDIFACT code list
1131	an..3	C Code list qualifier	!!	
3055	an..3	C Code list responsible agency, coded	!!	

Note 1: DE 5463 ALLOWANCE OR CHARGE QUALIFIER
'A' Allowance
'C' Charge

Note 2: DE 1230 ALLOWANCE OR CHARGE NUMBER
The reference number of the applicable agreement.

Note 3: DE 4471 SETTLEMENT, CODED
'5' Charge to be paid by vendor
'6' Charge to be paid by customer
Use this if DE 5463 indicates 'Charge'

SG18

HEADER

SEGMENT GROUP 21

Function: To specify the total amount of the allowance or charge.
Usage : D1
Remarks : Used if ALC segment DE 7161 requires a monetary amount. The
currency of this monetary amount is determined in the header CUX
segment and cannot be different here.

--- Segment Group 21 ----- D1 -----+
MOA Monetary amount M1 -----+

SG21

HEADER

MOA MONETARY AMOUNT

Function: To specify total amount of the allowance or charge.
Usage : M1
Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
C516		M MONETARY AMOUNT	!	!
5025	an..3	M Monetary amount type qualifier	!M!	'8' Allowance or charge amount ! !
5004	n..18	C Monetary amount	!R!	Total amount
6345	an..3	C Currency, coded	!X!	
6343	an..3	C Currency qualifier	!X!	
4405	an..3	C Status, coded	!X!	
			!	!

SG18

HEADER

SEGMENT GROUP 23

Function: To specify tax related information.
Usage : D1
Remarks : To identify the tax percentage rate for the allowance or charge
if applicable. This segment group is only to be used where the
country law requires Tax to be specified in the Purchase Order
Change Request, specifically where business is transacted in
Switzerland.

--- Segment Group 23 ----- D1 -----+
TAX Duty/tax/fee details M1 -----+

TAX DUTY/TAX/FEE DETAILS

Function: To specify tax related information.
 Usage : M1
 Remarks : To identify the tax percentage rate for the allowance or charge
 if applicable. C243 is not used when DE 5305 indicates 'Exempt
 from Tax' (E).

Ref.	Rep.	Name	!	EDIFICE UTILISATION
			! !	
5283	an..3	M DUTY/TAX/FEE FUNCTION QUALIFIER	!M!	'7' Tax
			! !	
			! !	
C241		C DUTY/TAX/FEE TYPE	!R!	
5153	an..3	C Duty/tax/fee type, coded	!R!	See Note 1
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
			! !	
5152	an..35	C Duty/tax/fee type	!X!	
			! !	
			! !	
C533		C DUTY/TAX/FEE ACCOUNT DETAIL	!X!	
			! !	
5289	an..6	M Duty/tax/fee account identification	! !	
			! !	
1131	an..3	C Code list qualifier	! !	
3055	an..3	C Code list responsible agency, coded	! !	
			! !	
			! !	
5286	an..15	C DUTY/TAX/FEE ASSESSMENT BASIS	!X!	
			! !	
			! !	
C243		C DUTY/TAX/FEE DETAIL	!D!	
5279	an..7	C Duty/tax/fee rate identification	!X!	
			! !	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
			! !	
5278	an..17	C Duty/tax/fee rate	!R!	Tax rate
5273	an..12	C Duty/tax/fee rate basis identification	!X!	
			! !	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
			! !	
			! !	
5305	an..3	C DUTY/TAX/FEE CATEGORY, CODED	!R!	See Note 2
			! !	
			! !	
3446	an..20	C PARTY TAX IDENTIFICATION NUMBER	!X!	
			! !	
			! !	

Note 1: DE 5153 DUTY/TAX/FEE TYPE, CODED
'WUS' Wust (Switzerland)
This is the Wust Waren-Umsatzsteuer of Switzerland.
Use this code until EDIFACT makes one available.

Note 2: DE 5305 DUTY/TAX/FEE CATEGORY, CODED
'E' Exempt from tax
'S' Standard rate
'Z' Zero rated goods

SEGMENT GROUP 25

Function: A group of segments providing details of the individual items.
Usage : R..9999
Remarks : When a referenced line item is sent as "deleted", "not found"
or "not amended" by means of the appropriate code for DE 1229
of the LIN segment, no underlying segments of the LIN need to
be transmitted except for the RFF segments specifying the
original Purchase Order line number and a preceding message
document number. If information in the underlying segment is
transmitted, all relevant underlying segments must be
transmitted.

```
--- Segment Group 25 ----- R..9999 -----+
LIN Line item M1 !
PIA Additional product id D..10 !
IMD Item description D1 !
QTY Quantity D1 !
ALI Additional information O1 !
FTX Free text O1 !
!
--- Segment Group 27 ----- D1 -----+ !
PRI Price details M1 -----+ !
!
--- Segment Group 28 ----- R..6 -----+ !
RFF Reference M1 ! !
DTM Date/time/period D1 -----+ !
!
--- Segment Group 29 ----- O1 -----+ !
PAC Package M1 ! !
MEA Measurements O1 ! !
! !
--- Segment Group 31 ----- O1 -----+ ! !
PCI Package identification M1 -----+ !
!
--- Segment Group 33 ----- D1 -----+ !
TAX Duty/tax/fee details M1 -----+ !
!
--- Segment Group 34 ----- O1 -----+ !
NAD Name and address M1 ! !
! !
--- Segment Group 36 ----- R..2 -----+ ! !
DOC Document/message details M1 -----+ !
!
--- Segment Group 38 ----- D..10 -----+ !
ALC Allowance or charge M1 ! !
! !
--- Segment Group 41 ----- R1 -----+ ! !
MOA Monetary amount M1 -----+ ! !
! !
--- Segment Group 43 ----- D1 -----+ ! !
TAX Duty/tax/fee details M1 -----+ !
!
--- Segment Group 48 ----- D..100 -----+ !
SCC Scheduling conditions M1 ! !
! !
--- Segment Group 49 ----- R..10 -----+ ! !
QTY Quantity M1 ! ! !
DTM Date/time/period R1 -----+ ! ! !
```

LIN LINE ITEM

Function: To specify the action requested for the item number (DE 7140) agreed to be the primary reference number between the buyer and the seller.
Usage : M1
Remarks : At least one item number must be used to describe the product ordered and may not be changed. All additional identification to the item number except for the primary reference are held in the PIA segment.

Ref. Rep.	Name	!	EDIFICE UTILISATION
1082 n..6	C LINE ITEM NUMBER	!R!	See Note 1
1229 an..3	C ACTION REQUEST/NOTIFICATION, CODED	!R!	See Note 2
C212	C ITEM NUMBER IDENTIFICATION	!R!	
7140 an..35	C Item number	!R!	Primary reference
7143 an..3	C Item number type, coded	!R!	See Note 3
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!R!	See Note 4
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 1229 ACTION REQUEST/NOTIFICATION, CODED
The action request code on the Purchase Order Change Request indicates the action that the buyer requests from the seller, either in response to a seller initiated change, or as a change initiated by the buyer.

- '1' Added
Buyer adds a line item to the original Purchase Order.
- '2' Deleted
Buyer deletes a line item from the original Purchase Order.
- '3' Changed
Buyer changes the line item with regard to the referenced message for the line item.
- '10' Not found
Buyer is unable to find the line item as transmitted and referenced by the seller.
- '11' Not amended
Used only if trading partners have agreed always to transmit the entire detail section (including those line items which have not been amended).

Information about a referenced message for the line item is found in the RFF segment in segment group 28. If no reference to a previously sent or received message exists in segment group 28, the referenced message is the original Purchase Order.

Note 3: DE 7143 ITEM NUMBER TYPE, CODED
'BP' Buyer's part number
'VP' Vendor's (seller's) part number
'EN' International Article Numbering Association (EAN)

Note 4: 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').

PIA ADDITIONAL PRODUCT ID

Function: To indicate additional identification for the item being ordered.

Usage : D..10

Remarks : Where the primary reference to the item being ordered is insufficient to identify the item, this segment may be used to provide additional product identification. Information such as engineering change level, drawing revision number etc can also be included in this segment.

PIA may be used for order item substitution in the Purchase Order Response. If the substitution is accepted by the buyer, the substitutional item merely replaces the previous secondary item number in PIA. If not accepted, corrective action should take place via other means than EDI.

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!	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

Note 1: DE 7143 ITEM NUMBER TYPE, CODED
'BP' Buyer's part number
'VP' Vendor's (seller's) part number
'EN' International Article Numbering Association (EAN)
'EC' Engineering change level
'GS' General specification number
'SG' Standard group of products (mixed assortment)
'VX' Vendor specification number
'DW' Drawing
'DR' Drawing revision number
'CV' Customs article number
'CCM' COCOM list number
Use this code until EDIFACT makes one available

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').

IMD ITEM DESCRIPTION

Function: To specify ship to stock quality and/or an additional description of the product.

Usage : D1

Remarks : This segment is used

1/ to specify ship to stock quality if required (DE 7081)

2/ to provide an additional description of the primary reference being ordered (DE 7077 and DE C273)

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

Note 1: DE 7008 ITEM DESCRIPTION

Use this DE to provide an additional description of the primary reference being ordered.

QTY QUANTITY

Function: To specify the new ordered or outstanding quantity for the line item.

Usage : D1

Remarks : The quantity given here must be the sum of those underlying QTY segments (segment group 49) which reflect the new situation, i.e. new and unchanged (schedules sent for positioning) schedules. This is the new, total ordered or outstanding quantity.

Ref. Rep.	Name	!	EDIFICE UTILISATION
-----+-----			
		!	!
C186	M QUANTITY DETAILS	!	!
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
 '21' Ordered quantity
 New total of all quantities in the underlying QTY segments of segment group 49.
 '73' Outstanding quantity
 Reception of partial shipments is taken into account.

Note 2: DE 6411 MEASURE UNIT QUALIFIER
 See UN/ECE RECOMMENDATION NUMBER 20 Codes for Units of Measurement, 3 alpha code.

This Measure unit qualifier applies to all the QTY segments in segment group 49.

FTX FREE TEXT

Function: To provide free form text information related to the ordered line item.

Usage : 01

Remarks : EDIFICE recommends not to use FTX segments.

Ref.	Rep.	Name	! EDIFICE UTILISATION
4451	an..3	M TEXT SUBJECT QUALIFIER	!! !M! 'LIN' Line item !!
4453	an..3	C TEXT FUNCTION, CODED	!R! See Note 1 !!
C107		C TEXT REFERENCE	!X!
4441	an..3	M Free text, coded	!!
1131	an..3	C Code list qualifier	!!
3055	an..3	C Code list responsible agency, coded	!! !!
C108		C TEXT LITERAL	!R!
4440	an..70	M Free text	!M!
4440	an..70	C Free text	!O!
4440	an..70	C Free text	!O!
4440	an..70	C Free text	!O!
4440	an..70	C Free text	!O!
3453	an..3	C LANGUAGE, CODED	!! !X! !!

Note 1: DE 4453 TEXT FUNCTION, CODED
 '1' Text for subsequent use
 The occurrence of this text does not affect order processing.
 '3' Text for immediate use
 Text must be read before processing the order line.

SG25

DETAIL

SEGMENT GROUP 27

Function: To specify or state a change to the price of the ordered line item.

Usage : D1

Remarks : Always used if DE 1229 of the LIN segment indicates 'Added' (1) or 'Changed' (3) and business partners have agreed to send price information.

--- Segment Group 27 ----- D1 -----+
PRI Price details M1 -----+

PRI PRICE DETAILS

Function: To specify or state a change to the price related to the item
being ordered.

Usage : M1

Remarks :

Ref. Rep.	Name	! EDIFICE UTILISATION
C509	C PRICE INFORMATION	! !
5125 an..3	M Price qualifier	!M! See Note 1
5118 n..15	C Price	!R!
5375 an..3	C Price type, coded	!R! See Note 2
5387 an..3	C Price type qualifier	!X!
5284 n..9	C Unit price basis	!R!
6411 an..3	C Measure unit qualifier	!R! See Note 3
5213 an..3	C SUB-LINE PRICE CHANGE, CODED	!X! ! ! ! !

Note 1: DE 5125 PRICE QUALIFIER
'AAA' Calculation net
'AAB' Calculation gross
Allowances and charges to be applied to the price and must
be provided in the ALC segment.

Note 2: DE 5375 PRICE TYPE, CODED
'CT' Contract
'QT' Quoted
'PV' Provisional price
'CA' Catalogue
'DI' Distributor

Note 3: DE 6411 MEASURE UNIT QUALIFIER
See UN/ECE RECOMMENDATION NUMBER 20, Codes for Units of
Measurement, 3 alpha code.

SG25

DETAIL

SEGMENT GROUP 28

Function: A group of segments indicating references associated with the
 line item.

Usage : R..6

Remarks :

```
--- Segment Group 28 ----- R..6 -----+
RFF Reference M1 !
DTM Date/time/period D1 -----+
```

RFF REFERENCE

Function: To indicate references associated with the line item.

Usage : M1

Remarks : All individual items being ordered must be identified with Reference qualifier (DE 1153) = 'LI' and the line number specified in DE 1156. DE 1154 is not used in this case.

Reference to the preceding message for the line item should be given here, unless the only preceding message for the line item is the original Purchase Order which is referenced in the RFF segment in segment group 1. Only if mutually agreed between trading partners and if this reference is the same for all line items it may be given at header level in the RFF segment in segment group 1 and not here.

Only if the line item is added to the original Purchase Order in this Purchase Order Change Request by means of code '1' in DE 1229 in the LIN segment, one or more RFF segments specifying contract or quote information for the added line item should be present, preferably at header level. If the end-customer is a government then GC is used to specify the government contract number. If this information is given at header level it must not appear here

Ref.	Rep.	Name	!	EDIFICE UTILISATION
C506		M REFERENCE	!	!
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! See Note 2
4000 an..35	C	Reference version number	!	X!

Note 1: DE 1153 REFERENCE QUALIFIER

'LI' Line item reference number
Buyer's original line item number.
'AAA' Acknowledgement of order number
Reference to the seller's Purchase Order Response number
for the line item.
'PP' Purchase order change number
Reference number assigned by a buyer for a revision of a
purchase order for the line item.
'CT' Contract number
'PR' Price quote number
'GC' Government contract number
'JB' Job number
'AAD' Contract addendum number
Number assigned by the issuer of a contract addendum.

Note 2: DE 1156 LINE NUMBER

Within an order this must be a unique number which will be the
key for identification of the line item. The number is assigned
by the buyer, and it can only be assigned once during the
lifetime of the order. It will be used, where needed, to refer
to the original line item on any subsequent transactions
relating to the order.
This DE must be used when DE 1153 = 'LI'.

Note that if a line item is added to the original Purchase Order
in a subsequent Purchase Order Change Request the buyer must
assign the added line item a unique line number

DTM DATE/TIME/PERIOD

Function: To specify date of reference.

Usage : D1

Remarks : Only if needed in the case the added line item refers to a
government contract number.

Ref. Rep.	Name		! EDIFICE UTILISATION
C507	M DATE/TIME/PERIOD		! !
2005 an..3	M Date/time/period qualifier		!M! '171' Reference date/time ! !
2380 an..35	C Date/time/period		!R!
2379 an..3	C Date/time/period format qualifier		!R! See Note 1 ! ! ! !

Note 1: DE 2379 DATE/TIME/PERIOD FORMAT QUALIFIER
'101' YMMDD
'102' CCYYMMDD

SG25

DETAIL

SEGMENT GROUP 29

Function: A group of segments for describing packaging, markings and labels of the item being ordered.

Usage : 01

Remarks :

---	Segment Group	29	-----	01	-----	+
PAC	Package			M1		!
MEA	Measurements			O1		!
						!
---	Segment Group	31	-----	01	-----	+
PCI	Package identification			M1	-----	++

PAC PACKAGE

Function: To describe the product packaging only.

Usage : M1

Remarks :

Ref. Rep.	Name	!	EDIFICE UTILISATION
7224 n..8	C NUMBER OF PACKAGES	! !	
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 identification	!R!	See Note 1
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	! !	
7064 an..35	C Type of packages	!X!	
C402	C PACKAGE TYPE IDENTIFICATION	!X!	
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 DETAILS	!X!	
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

Use these codes until EDIFACT makes codes available.

See also UN/ECE RECOMMENDATION NUMBER 21 (TDED 5.8)

MEA MEASUREMENTS

Function: To specify counts.

Usage : 01

Remarks : This is used when additional information on the number of units is required.

Ref. Rep.	Name	! EDIFICE UTILISATION
6311 an..3	M MEASUREMENT APPLICATION QUALIFIER	!! !M! 'CT' Counts !!
C502	C MEASUREMENT DETAILS	!X!
6313 an..3	C Measurement dimension, coded	!!
6321 an..3	C Measurement significance, coded	!!
6155 an..3	C Measurement attribute, coded	!!
C174	C VALUE/RANGE	!R!
6411 an..3	M Measure unit qualifier	!M! See Note 1
6314 n..18	C Measurement value	!R! Number of units
6162 n..18	C Range minimum	!X!
6152 n..18	C Range maximum	!X!
7383 an..3	C SURFACE/LAYER INDICATOR, CODED	!! !X! !!

Note 1: DE 6411 MEASURE UNIT QUALIFIER
See UN/ECE RECOMMENDATION NUMBER 20, Codes for Units of Measurement, 3 alpha codes

SG29

DETAIL

SEGMENT GROUP 31

Function: To specify markings and labels for the item being ordered.
Usage : O1
Remarks :

--- Segment Group 31 ----- O1 -----+
PCI Package identification M1 -----+

PCI PACKAGE IDENTIFICATION

Function: To specify markings and labels on product packaging.

Usage : M1

Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
4233	an..3	C MARKING INSTRUCTIONS, CODED	!O!	'16' Buyer's instructions
C210		C MARKS & LABELS	!R!	
7102	an..35	M Shipping marks	!M!	Marking instruction on product
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
7102	an..35	C Shipping marks	!O!	
8275	an..3	C CONTAINER/PACKAGE STATUS, CODED	!X!	

SG25

DETAIL

SEGMENT GROUP 33

Function: To specify tax related information for the line item.
Usage : D1
Remarks : This segment group is only to be used where the country law
requires Tax to be specified in the Purchase Order Change
Request, specifically where business is transacted in
Switzerland.

--- Segment Group 33 ----- D1 -----+
TAX Duty/tax/fee details M1 -----+

TAX DUTY/TAX/FEE DETAILS

Function: To specify tax related information.
 Usage : M1
 Remarks : To identify the tax percentage rate applicable for the line item. C243 is not used when DE 5305 indicates 'Exempt from Tax' (E).

Ref.	Rep.	Name	!	EDIFICE UTILISATION
5283	an..3	M DUTY/TAX/FEE FUNCTION QUALIFIER	!M!	'7' Tax
C241		C DUTY/TAX/FEE TYPE	!R!	
5153	an..3	C Duty/tax/fee type, coded	!R!	See Note 1
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
5152	an..35	C Duty/tax/fee type	!X!	
C533		C DUTY/TAX/FEE ACCOUNT DETAIL	!X!	
5289	an..6	M Duty/tax/fee account identification	!M!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
5286	an..15	C DUTY/TAX/FEE ASSESSMENT BASIS	!X!	
C243		C DUTY/TAX/FEE DETAIL	!D!	
5279	an..7	C Duty/tax/fee rate identification	!X!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
5278	an..17	C Duty/tax/fee rate	!R!	Tax rate
5273	an..12	C Duty/tax/fee rate basis identification	!X!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
5305	an..3	C DUTY/TAX/FEE CATEGORY, CODED	!R!	See Note 2
3446	an..20	C PARTY TAX IDENTIFICATION NUMBER	!X!	

Note 1: DE 5153 DUTY/TAX/FEE TYPE, CODED
'WUS' Wust (Switzerland)
This is the Wust Waren-Umsatzsteuer of Switzerland.
Use this code until EDIFACT makes one available.

Note 2: DE 5305 DUTY/TAX/FEE CATEGORY, CODED
'E' Exempt from tax
'S' Standard rate
'Z' Zero rated goods

SG25

DETAIL

SEGMENT GROUP 34

Function: To request documents related to the ordered line item.

Usage : 01

Remarks :

```
--- Segment Group 34 ----- 01 -----+
NAD  Name and address           M1                               !
                                           !
--- Segment Group 36 ----- R..2 -----+ !
DOC  Document/message details   M1 -----+ +
```

NAD NAME AND ADDRESS

Function: To indicate the party who is requesting the documents.

Usage : M1

Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
3035	an..3	M PARTY QUALIFIER	!	! 'BY' Buyer
C082		C PARTY IDENTIFICATION DETAILS	!X!	! !
3039	an..17	M Party id identification	!	!
1131	an..3	C Code list qualifier	!	!
3055	an..3	C Code list responsible agency, coded	!	!
C058		C NAME AND ADDRESS	!X!	! !
3124	an..35	M Name and address line	!	!
3124	an..35	C Name and address line	!	!
3124	an..35	C Name and address line	!	!
3124	an..35	C Name and address line	!	!
3124	an..35	C Name and address line	!	!
C080		C PARTY NAME	!X!	! !
3036	an..35	M Party name	!	!
3036	an..35	C Party name	!	!
3036	an..35	C Party name	!	!
3036	an..35	C Party name	!	!
3036	an..35	C Party name	!	!
3045	an..3	C Party name format, coded	!	!
C059		C STREET	!X!	! !
3042	an..35	M Street and number/P.O. Box	!	!
3042	an..35	C Street and number/P.O. Box	!	!
3042	an..35	C Street and number/P.O. Box	!	!
3164	an..35	C CITY NAME	!X!	! !
3229	an..9	C COUNTRY SUB-ENTITY IDENTIFICATION	!X!	! !
3251	an..9	C POSTCODE IDENTIFICATION	!X!	! !
3207	an..3	C COUNTRY, CODED	!X!	! !

SG34

DETAIL

SEGMENT GROUP 36

Function: To request certificate of origin and/or certificate of conformity.

Usage : R..2

Remarks : Special requirements regarding country of origin are held in ALI segment.

---	Segment Group 36	-----	R..2	-----+
DOC	Document/message details		M1	-----+

DOC DOCUMENT/MESSAGE DETAILS

Function: To request certificate of origin and/or certificate of conformity.

Usage : M1

Remarks : Special requirements regarding country of origin are held in ALI segment.

Ref.	Rep.	Name	! EDIFICE UTILISATION
			! !
C002		M DOCUMENT/MESSAGE NAME	!M!
1001	an..3	C Document/message name, coded	!R! See Note 1 ! !
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! ! !
C503		C DOCUMENT/MESSAGE DETAILS	!X!
1004	an..35	C Document/message number	! !
1373	an..3	C Document/message status, coded	! ! ! !
1366	an..35	C Document/message source	! !
3453	an..3	C Language, coded	! ! ! !
3153	an..3	C COMMUNICATION CHANNEL IDENTIFIER, CODED	!X! ! ! ! !
1220	n..2	C NUMBER OF COPIES OF DOCUMENT REQUIRED	!O! ! ! ! !
1218	n..2	C NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	!X! ! ! ! !

Note 1: DE 1001 DOCUMENT/MESSAGE NAME, CODED
 '2' Certificate of conformity
 '861' Certificate of origin

SEGMENT GROUP 38

Function: A group of segments specifying allowances and/or charges
related to the line item.

Usage : D..10

Remarks : Only use this segment group when DE 5125 in PRI segment is
'AAB' (Calculation gross).

---	Segment Group	38	-----	D..10	-----	+
ALC	Allowance or charge			M1		!
						!
---	Segment Group	41	-----	R1	-----	+
MOA	Monetary amount			M1	-----	!
						!
---	Segment Group	43	-----	D1	-----	+
TAX	Duty/tax/fee details			M1	-----	+

ALC ALLOWANCE OR CHARGE

Function: To specify allowances or charges applicable to the line item.
 Usage : M1
 Remarks : If an allowance or charge is previously agreed, DE 1230 is used to convey this. If an allowance or charge is required at the time of order change, use DE 7161. These data elements cannot be used in the same segment occurrence. Use DE 1227 to specify sequence of calculation if more than one ALC is used.

Ref.	Rep.	Name	!	EDIFICE UTILISATION
5463	an..3	M ALLOWANCE OR CHARGE QUALIFIER	! !	!M! See Note 1
C552		C ALLOWANCE/CHARGE INFORMATION	! !	!D!
1230	an..35	C Allowance or charge number	!R!	! See Note 2
5189	an..3	C Charge/allowance description, coded	!X!	! !
4471	an..3	C SETTLEMENT, CODED	!D!	! See Note 3
1227	an..3	C CALCULATION SEQUENCE INDICATOR, CODED	!D!	! See Note 4
C214		C SPECIAL SERVICES IDENTIFICATION	!D!	! !
7161	an..3	M Special services, coded	!M!	! See EDIFACT code list
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	! !

- Note 1: DE 5463 ALLOWANCE OR CHARGE QUALIFIER
 'A' Allowance
 'C' Charge
- Note 2: DE 1230 ALLOWANCE OR CHARGE NUMBER
 The reference number of the applicable agreement.
- Note 3: DE 4471 SETTLEMENT, CODED
 '5' Charge to be paid by vendor
 '6' Charge to be paid by customer
 Use this if DE 5463 indicates 'Charge'.
- Note 4: DE 1227 CALCULATION SEQUENCE INDICATOR, CODED
 To specify the sequence in which an allowance or charge is calculated: number used in ascending order with no gap; the allowance or charge is calculated from the item value and subsequent allowance or charge from the intermediate level.

SG38

DETAIL

SEGMENT GROUP 41

Function: To specify the total amount of the allowance or charge.
Usage : R1
Remarks : Currency of monetary amount is determined in the header CUX
segment and cannot be different here.

--- Segment Group 41 ----- R1 -----+
MOA Monetary amount M1 -----+

SG41

DETAIL

MOA MONETARY AMOUNT

Function: To specify the total amount of the allowance or charge.

Usage : M1

Remarks : A monetary amount is required to allow the calculation of the net line price from the gross line price.

Ref. Rep.	Name	!	EDIFICE UTILISATION
		! !	
C516	M MONETARY AMOUNT	!M!	
5025 an..3	M Monetary amount type qualifier	!M!	'8' Allowance or charge amount
5004 n..18	C Monetary amount	!R!	Total amount
6345 an..3	C Currency, coded	!X!	
6343 an..3	C Currency qualifier	!X!	
4405 an..3	C Status, coded	!X!	
		! !	

SG38

DETAIL

SEGMENT GROUP 43

Function: To specify tax related information
Usage : D1
Remarks : To identify the tax percentage rate for the allowance or charge
if applicable. This segment group is only to be used where the
country law requires Tax to be specified in the Purchase Order
Change Request, specifically where business is transacted in
Switzerland.

--- Segment Group 43 ----- D1 -----+
TAX Duty/tax/fee details M1 -----+

TAX DUTY/TAX/FEE DETAILS

Function: To specify tax related information.
 Usage : M1
 Remarks : To identify the tax percentage rate for the allowance or charge
 if applicable. C243 is not used when DE 5305 indicates
 'Exempt from Tax' (E).

Ref.	Rep.	Name	!	EDIFICE UTILISATION
5283	an..3	M DUTY/TAX/FEE FUNCTION QUALIFIER	!M!	'7' Tax
C241		C DUTY/TAX/FEE TYPE	!R!	
5153	an..3	C Duty/tax/fee type, coded	!R!	See Note 1
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
5152	an..35	C Duty/tax/fee type	!X!	
C533		C DUTY/TAX/FEE ACCOUNT DETAIL	!X!	
5289	an..6	M Duty/tax/fee account identification	! !	
1131	an..3	C Code list qualifier	! !	
3055	an..3	C Code list responsible agency, coded	! !	
5286	an..15	C DUTY/TAX/FEE ASSESSMENT BASIS	!X!	
C243		C DUTY/TAX/FEE DETAIL	!D!	
5279	an..7	C Duty/tax/fee rate identification	!X!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
5278	an..17	C Duty/tax/fee rate	!R!	Tax rate
5273	an..12	C Duty/tax/fee rate basis identification	!X!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
5305	an..3	C DUTY/TAX/FEE CATEGORY, CODED	!R!	See Note 2
3446	an..20	C PARTY TAX IDENTIFICATION NUMBER	!X!	

Note 1: DE 5153 DUTY/TAX/FEE TYPE, CODED
'WUS' Wust (Switzerland)
This is the Wust Waren-Umsatzsteuer of Switzerland.
Use this code until EDIFACT makes one available.

Note 2: DE 5305 DUTY/TAX/FEE CATEGORY, CODED
'E' Exempt from tax
'S' Standard rate
'Z' Zero rated goods

SG25

DETAIL

SEGMENT GROUP 48

Function: A group of segments specifying scheduling conditions, requested delivery dates and corresponding quantities and requested changes.

Usage : D..100

Remarks : In any subsequent message related to the Purchase Order the original sequence of the scheduling conditions as specified on the original order, may not be disrupted. This means that the occurrences of Segment Group 48 belonging to one LIN on the original Purchase Order or a subsequent Purchase Order Change request message, may not be 'split' over several LIN segments (Segment Groups 25) in the Purchase Order Change Request.

---	Segment Group 48	-----	D..100	-----	+
SCC	Scheduling conditions		M1		!
					!
---	Segment Group 49	-----	R..10	-----	+
QTY	Quantity		M1		!!
DTM	Date/time/period		R1	-----	++

SCC SCHEDULING CONDITIONS

Function: To specify the type of schedule.
 Usage : M1
 Remarks :

Ref. Rep.	Name	!	EDIFICE UTILISATION
4017 an..3	M DELIVERY PLAN STATUS INDICATOR, CODED	!M!	'1' Firm
4493 an..3	C DELIVERY REQUIREMENTS, CODED	!X!	
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	!!	

SEGMENT GROUP 49

Function: A group of segments specifying requested quantities and corresponding delivery dates within a schedule.

Usage : R..10

Remarks : Where there is a change in quantity and/or scheduled date, there must be at least two occurrences of segment group 49.

The quantity specified in segment group 49 refers to either

- a) the ordered quantity or
- b) the outstanding quantity on the buyer's books, i.e. taking into account reception of partial shipments.

DE 6063 of the QTY segment in segment group 25 defines whether the quantity given in segment group 49 refers to a) or b).

The QTY and DTM segments should be used in the following way:

- 1) Indicating the old schedule before the now requested changes:

QTY: DE 6063 'OLD' Old ordered or outstanding quantity
DTM: DE 2005 '42' Superseded date/time

- 2) Indicating the (new) schedule as requested by the buyer:

QTY: DE 6063 'NEW' New ordered or outstanding quantity
DTM: DE 2005 '2' Delivery date/time, requested
OR '10' Shipment date/time, requested

When a change is requested both combination 1) and 2) must be present. The 'old' schedule must be immediately followed by the 'new' requested schedule.

In case of a request to split the old schedule, segment group 49 must be repeated as many times as needed (up to 9) following the occurrence which indicates the old schedule.

Combination 1) may only occur once per segment group 48.

If a new schedule is requested, only combination 2) is required.

If a schedule is transmitted for positioning purposes, only combination 1) is required, HOWEVER: DE 2005 will carry either '2' or '10'.

If a schedule is requested to be deleted, combination 1) and 2) are required with QTY DE 6060 of the 'new' schedule carrying the value zero and DTM DE 2380 carrying the previous requested schedule date.

If the original Purchase Order is the only preceding message for the line item, the "old schedule before the now requested changes" (combination 1) is retrieved from there. If a Purchase Order Change Request or a Purchase Order Response is the preceding message for the line item, combination 1 is retrieved from there. Reference to the original Purchase Order is found in the RFF in segment group 1. Reference to any other preceding message is found in the RFF in segment group 28.

```
--- Segment Group 49 ----- R..10 -----+
QTY  Quantity                M1                                     !
DTM  Date/time/period        R1 -----+
```

QTY QUANTITY

Function: To specify the ordered quantity for the corresponding schedule.

Usage : M1

Remarks : DE 6411 (Measure unit specifier) is specified in the QTY in Segment Group 25 and is therefore not used here.

The quantity specified refers to either

- a) the ordered quantity or
- b) the outstanding quantity on the buyer's books i.e. taking into account reception of partial shipments.

DE 6063 of the QTY segment in segment group 25 defines whether the quantity given here refers to a) or b).

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	!X!	
		!	!

Note 1: DE 6063 QUANTITY QUALIFIER
 'OLD' Old ordered or outstanding quantity
 Use this code until EDIFACT makes one available.
 'NEW' New ordered or outstanding quantity
 Use this code until EDIFACT makes one available.

DTM DATE/TIME/PERIOD

Function: To specify the requested delivery or shipment date of the quantity ordered or superseded date.

Usage : R1

Remarks :

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

Note 1: DE 2005 DATE/TIME/PERIOD QUALIFIER
 '2' Delivery date/time, requested
 Date on which buyer requests goods to be delivered.
 '10' Shipment date/time, requested
 Date on which goods should be shipped or despatched by the supplier.
 '42' Superseded date/time

Note 2: DE 2379 DATE/TIME/PERIOD FORMAT QUALIFIER
 '101' YYMMDD
 '102' CCYYMMDD

UNS SECTION CONTROL

Function: To separate detail, and summary section of an ORDCHG 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 MESSAGE	! ! !M! ! !
0062 an..14	M MESSAGE REFERENCE NUMBER	! !M! ! !

EXAMPLES

Example 1: Original Purchase Order

UNH+1+ORDERS:1:921:UN:ED3'
BGM+220+PO11223+9'
DTM+137:931014:101'
RFF+CT:9999'
NAD+BY+AABBCC::92'
RFF+VA:12121'
CTA+PD+:RICHARD JOHNSON'
COM+327369:TE'
NAD+SE+DDEEFF::92'
NAD+DP+FACTORYA::92'
CUX+2:USD:9'
LIN+1++ITEM222:BP::92'
PIA+1+12345:VP::91'
QTY+21:3000:PCE'
PRI+AAA:5.50:CT::1:PCE'
RFF+LI::37'
SCC+1'
QTY+21:2000'
DTM+2:940204:101'
SCC+1'
QTY+21:1000'
DTM+2:940304:101'
UNS+S'
UNT+24+1'

Example 2: Purchase Order Response

a) The line item is accepted with amendment:

UNH+1+ORDRSP:1:921:UN:ED3'
BGM+231+POR001+9'
DTM+137:931015:101'
RFF+OP:PO11223'
NAD+BY+AABBCC::92'
NAD+SE+DDEEFF::92'
CTA+OC+:SANDRA NELSON'
COM+878760:TE'
CUX+2:USD:9'
LIN+1+6+ITEM222:BP::92'
PIA+1+12345:VP::91'
QTY+113:3300:PCE'
PRI+AAA:5.50:CT::1:PCE'
RFF+LI::37'
SCC+1'
QTY+21:2000'
DTM+2:940204:101'
QTY+113:2200'
DTM+67:940204:101'
SCC+1'
QTY+21:1000'
DTM+2:940304:101'
QTY+113:1100'
DTM+67:940304:101'
UNS+S'
UNT+26+1'

b) The line item is accepted without amendment:

UNH+1+ORDRSP:1:921:UN:ED3'
BGM+231+POR001+9'
DTM+137:931015:101'
RFF+OP:PO11223'
NAD+BY+AABBCC::92'
NAD+SE+DDEEFF::92'
CTA+OC+:SANDRA NELSON'
COM+878760:TE'
CUX+2:USD:9'
LIN+1+5+ITEM222:BP::92'
RFF+LI::37'
UNS+S'
UNT+13+1'

Example 3: Purchase Order Change Request

a) Requesting a change to Purchase Order Response a), Example 2.

```
UNH+1+ORDCHG:1:921:UN:ED3'  
BGM+230+POC1:9'  
DTM+137+931020:101'  
RFF+OP:PO11223'  
NAD+BY+AABBCC::92'  
RFF+VA:12121'  
CTA+PD+:RICHARD JOHNSON'  
COM+327369:TE'  
NAD+SE+DDEEFF::92'  
NAD+DP+FACTORYA::92'  
CUX+2:USD:9'  
LIN+1+3+ITEM222:BP::92'  
PIA+1+12345:VP::91'  
QTY+21:3300:PCE'  
PRI+AAA:5.50:CT::1:PCE'  
RFF+LI::37'  
RFF+AAA:POR001'  
SCC+1'  
QTY+OLD:2200'  
DTM+42:940204:101'  
QTY+NEW:2200'  
DTM+2:940128:101'  
SCC+1'  
QTY+OLD:1100'  
DTM+2:940304:101'  
UNS+S'  
UNT+27+1'
```

b) Accepting seller-initiated changes in Purchase Order Response a)
Example 2 (optional information flow).

```
UNH+1+ORDCHG:1:921:UN:ED3'  
BGM+230+POC1:9'  
DTM+137+931020:101'  
RFF+OP:PO11223'  
NAD+BY+AABBCC::92'  
RFF+VA:12121'  
CTA+PD+:RICHARD JOHNSON'  
COM+327369:TE'  
NAD+SE+DDEEFF::92'  
NAD+DP+FACTORYA::92'  
CUX+2:USD:9'  
LIN+1+11+ITEM222:BP::92'  
RFF+LI::37'  
RFF+AAA:POR001'  
UNS+S'  
UNT+16+1'
```

c) Adding a line to the Original Purchase Order

UNH+1+ORDCHG:1:921:UN:ED3'
BGM+230+POC1:9'
DTM+137+931020:101'
RFF+OP:PO11223'
RFF+CT:9999'
NAD+BY+AABBCC::92'
RFF+VA:12121'
CTA+PD+:RICHARD JOHNSON'
COM+327369:TE'
NAD+SE+DDEEFF::92'
NAD+DP+FACTORYA::92'
CUX+2:USD:9'
LIN+1+1+ITEM444:BP::92'
PIA+1+332233:VP::91'
QTY+21:5000:PCE'
PRI+AAA:3.25:CT::1:PCE'
RFF+LI::85'
SCC+ 1'
QTY+NEW:5000'
DTM+2:940223:101'
UNS+S'
UNT+22+1'

Example 4: References and scheduling conditions.

PLEASE NOTE THAT THIS EXAMPLE ONLY CONTAINS RELEVANT SEGMENTS TO EXPLAIN THE PRINCIPLE OF REFERENCING AND SCHEDULING.

- 1: Buyer sends ORDERS for lines 75 and 93
- 2: Seller sends ORDRSP for lines 75 and 93
- 3: Buyer sends ORDCHG for line 75
- 4: Buyer sends ORDCHG for line 93
- 5: Seller sends ORDRSP for line 93
- 6: Seller sends ORDRSP for lines 75 and 93

- | | |
|---|---|
| <p>1:
BGM+220+POnumber1+9'
RFF+CT:123456'
LIN+1++ArticleA:VP::92'
RFF+LI::75'
SCC+1'</p> <ul style="list-style-type: none">a) QTY+21:500'a) DTM+2:940215:101'
SCC+1'b) QTY+21:1250'b) DTM+2:940301:101'
LIN+2++ArticleB:VP::92'
RFF+LI::93'
SCC+1'c) QTY+21:750'c) DTM+2:940215:101'
UNS+S' <p>3:
BGM+230+POchangenumber1+9'
RFF+OP:POnumber1'
LIN+1+3+ArticleA:VP::92'
RFF+LI::75'
RFF+AAA:POresponsernumber1'
SCC+1'</p> <ul style="list-style-type: none">g) QTY+OLD:500'g) DTM+2:940222:101'
SCC+1'h) QTY+OLD:1250'h) DTM+42:940301:101'i) QTY+NEW:1500'i) DTM+2:940301:101'
UNS+S' | <p>2:
BGM+231+POresponsernumber1+9'
RFF+OP:POnumber1'
LIN+1+6+ArticleA:VP::92'
RFF+LI::75'
SCC+1'</p> <ul style="list-style-type: none">a) QTY+21:500'a) DTM+2:940215:101'd) QTY+113:500'd) DTM+67:940222:101'
SCC+1'e) QTY+113:1250'e) DTM+67:940301:101'f) LIN+2+5+ArticleB:VP::92'
RFF+LI::93'
UNS+S' <p>4:
BGM+230+POchangenumber2+9'
RFF+OP:POnumber1'
LIN+1+3+ArticleB:VP::92'
RFF+LI::93'
RFF+AAA:POresponsernumber1'
SCC+1'</p> <ul style="list-style-type: none">j) QTY+OLD:750'j) DTM+42:940215:101'k) QTY+NEW:750'k) DTM+2:940208:101'
UNS+S' |
|---|---|

5:	6:
BGM+231+POresponsenumber2+9'	BGM+231+POresponsenumber3+9'
RFF+OP:POnumber1'	RFF+OP:POnumber1'
LIN+1+6+ArticleB:VP::92'	LIN+1+6+ArticleA:VP::92'
RFF+LI::93'	RFF+LI::75'
RFF+PP:POchangenumber2'	RFF+PP:POchangenumber1'
SCC+1'	SCC+1'
l) QTY+21:750'	n) QTY+21:500'
l) DTM+2:940208'	n) DTM+2:940222:101'
m) QTY+113:750'	o) QTY+113:450'
m) DTM+67:940212'	o) DTM+67:940222:101'
UNS+S'	o) QTY+113:50'
	o) DTM+67:940228:101'
	SCC+1'
	p) QTY+113:1500'
	p) DTM+67:940301:101'
	LIN+1+5+ArticleB:VP::92'
	RFF+LI::93'
	RFF+PP:POchangenumber2'
	UNS+S'

The following principles set out in the EDIFICE FUNCTIONAL DEFINITION apply:

In any subsequent message to the original Purchase Order, SG49 should contain:

- * the scheduling conditions (QTY/DTM) as it was BEFORE the now transmitted message
 - ** the new proposed/requested scheduling conditions
- "*" is always retrieved from the preceding message for the line item in question.
 - The preceding message for the line item is always referenced in the RFF segment in SG28.
 - The original Purchase Order for the line item is always referenced in the RFF segment in SG1.
 - If no preceding message exists other than the original Purchase Order, there will be no reference in SG28 except for the line number reference. If this is the case, it is from the original Purchase Order situation "*" should be retrieved.

1: Buyer sends ORDERS for lines 75 and 93

The original Purchase Order references the business/commercial agreement at header level and the line number for each individual item being ordered at detail level. The scheduling conditions, ordered quantity and requested delivery date, are marked with a), b) and c).

2: Seller sends ORDRSP for lines 75 and 93

The Purchase Order Response references the original Purchase Order at header level and the line number for each individual item being responded to at detail level.

Since the Purchase Order Response is a subsequent message to the original Purchase Order, the principles set out in the EDIFICE FUNCTIONAL DEFINITION apply. This is the first message transmitted subsequent to the original Purchase Order, i.e. no other preceding message exists for any of the line items involved, which means that "the scheduling conditions (QTY/DTM) as it was BEFORE the now transmitted message" ("*") is retrieved from the referenced original Purchase Order for both line 75 and 93 and is immediately followed by the new proposed scheduling conditions:

- o Line number 75, first schedule
 - a): shows "the scheduling conditions (QTY/DTM) as it was BEFORE the now transmitted message" ("**"). It has been retrieved from the original Purchase Order (where it is also marked "a").
 - d): shows "the new proposed/requested scheduling conditions" by the seller.

- o Line number 75, second schedule
 - When the 'requested' schedule is accepted by the seller or if the schedule is transmitted for positioning purposes, only "***" is required to be transmitted (see section Remarks, segment group 49 in the ORDRSP documentation). When this is the case, it is understood that "the scheduling conditions (QTY/DTM) as it was BEFORE the now transmitted message" is identical with "the new proposed/requested scheduling conditions". The scheduling conditions "e)" is in other words the new situation as proposed by the seller. It is however identical to what was requested by the buyer in b).

- o Line number 93, all schedules.
 - The action request code states acceptance without amendment signifying that no part of the detail section, except for the RFF segments carrying the references to line number and preceding Purchase Order Change Request (if any) for the line item, needs to be transmitted (see section Remarks, segment group 25 in the ORDRSP documentation). It is understood that the requested schedule "c)" of the original Purchase Order is accepted by the seller.

3: Buyer sends ORDCHG for line 75

The Purchase Order Change Request references the original Purchase Order at header level. At detail level, the line number and the preceding message for the line item involved are referenced.

Since the Purchase Order Change Request is a subsequent message to the original Purchase Order, the principles set out in the EDIFICE FUNCTIONAL DEFINITION apply. Accordingly, this Purchase Order Change Request is issued to propose amendments to the Purchase Order Response received for the line item in question:

- o Line number 75, first schedule.
 - The schedule is transmitted for positioning purposes (see section Remarks, segment group 49 in the ORDCHG documentation). It is understood that situation "*" in the EDIFICE FUNCTIONAL DEFINITION is identical with "***" in this case. Situation "*" is retrieved from POresponsenumber1, as indicated by the reference at detail level. Thus, the scheduling conditions "g)" represents the new situation as requested by the buyer. It is identical to the scheduling conditions "d)" as proposed by the seller in POresponsenumber1.

- o Line number 75, second schedule
 - h): shows "the scheduling conditions (QTY/DTM) as it was BEFORE the now transmitted message" ("**"). It has been retrieved from POresponsenumber1, "e)", in accordance with the reference to the preceding message at detail level.
 - i): shows "the new proposed/requested scheduling conditions", i.e. the new requested situation by the buyer.

4: Buyer sends ORDCHG for line 93

The Purchase Order Change Request references the original Purchase Order at header level. At detail level, the line number and the preceding message for the line item involved are referenced.

Since the Purchase Order Change Request is a subsequent message to the original Purchase Order, the principles set out in the EDIFICE FUNCTIONAL DEFINITION apply.

- o Line number 93.
 - j): shows situation "**". It has been retrieved from POresponsernumber1, in accordance with the reference to the preceding message at detail level. It is understood that the situation reflected in "j)" has not changed after the first appearance of these scheduling conditions in the original Purchase Order as "c)", since POresponsernumber1 accepted "c)" without amendments.
 - k): shows situation "***", i.e. the new requested situation by the buyer.

5: Seller sends ORDRSP for line 93

The Purchase Order Response references the original Purchase Order at header level. At detail level, the line number and the last received message, i.e. the last received Purchase Order Change Request, for the line item involved are referenced.

Since the Purchase Order Response is a subsequent message to the original Purchase Order, the principles set out in the EDIFICE FUNCTIONAL DEFINITION apply.

- o Line number 93.
 - The preceding message for this line number is POchangenumber2, as indicated in one of the RFF segments at detail level. Thus, it is the requested situation of POchangenumber2 for line number 93 that will be responded to in this response and from which "*" will be retrieved
 - l): shows situation "**". It corresponds to "the new proposed/requested scheduling conditions" in the preceding message, i.e. in POchangenumber2, which is "k)".
 - m): shows "the new proposed/requested scheduling conditions" by the seller.

6: Seller sends ORDRSP for lines 75 and 93

The Purchase Order Response references the original Purchase Order at header level. At detail level, the line number and the last received message, i.e. the last received Purchase Order Change Request, for the line item involved are referenced. Note that the two line items reference different Purchase Order Change Requests this time.

Since the Purchase Order Response is a subsequent message to the original Purchase Order, the principles set out in the EDIFICE FUNCTIONAL DEFINITION apply.

- o Line number 75, first schedule
 - The preceding message for this line number is POchangenumber 1, which is referenced in the RFF segment at detail level.
 - n): shows situation "**". It corresponds to "the new proposed/requested scheduling conditions" in the preceding message, i.e. in POchangenumber1, which is "g)".
 - o): shows "the new proposed/requested scheduling conditions" by the seller. In this case, it is a 'split' situation (see section Remarks, segment group 49 in the ORDRSP documentation).

- o Line number 75, second schedule p): indicates that the schedule requested by the buyer in POchangenumber1 has been fully accepted by the seller.
- o Line number 93.
Note that this is the second response in a row for line 93. The preceding message to reference for the seller is still the last received Purchase Order Change Request for the line item, since a Purchase Order Response always is sent in response to the last received message from the buyer.
The action request code states acceptance without amendment signifying that no part of the detail section, except for the RFF segments carrying the references to line number and preceding Purchase Order Change Request for the line item, needs to be transmitted (see section Remarks, segment group 25 in the ORDRSP documentation). The implication is that the requested schedule k) in the Purchase Order Change Request with document number "POchangenumber2" now has been fully accepted by the seller.

General remarks

The mechanism regarding references and scheduling conditions caters for:

- Single line item ORDERS being responded to by single line item ORDRSP's and amended by single line item ORDCHG's.
- Multiple line item ORDERS being responded to by multiple line item ORDRSP's and amended by multiple line item ORDCHG's.
- As each line item has its own life cycle, any subsequent message to the original Purchase Order may act on the different line items independently (see message 6: in the example above).
 - * an ORDRSP may respond to line items retrieved from one or more ORDCHGs or from the ORDERS message or from a combination of the two.
 - * an ORDCHG may request amendments to line items retrieved from different previously received ORDRSP's
 - * etc.

Note that the principle applied on all occasions is that any subsequent message to the original Purchase Order must reference the preceding message for the line item in question, this is being done by means of the RFF segment in segment group 28.