EDIFICE Message Implementation Guideline
Purchase Order Change

ORDCHG Issue EDOC10

Endorsed on 15 June 2011

Based on UN/EDIFACT D.10A ORDCHG message

TABLE OF CONTENTS

COMPARISON TO PREVIOUS ISSUE

Issue EDOC10 of 1 June 2011: Upgrade to UN/EDIFACT Directory D.10A

The structural changes that occur are the renaming of Segment PAT Payment Terms to PYT Payment Terms and the renumbering of the Segment Groups from SG11 onwards.

EDIFICE recommends to make use of EDIFACT code lists.
1. Where possible the earlier references to UN/ECE Recommendations were removed and EDIFACT qualifiers are used instead.
2. A number of EDIFICE defined qualifiers were replaced with relevant EDIFACT qualifiers or were completely removed when not in use. In some cases new EDIFICE qualifiers were defined since the old qualifiers have been included in the EDIFACT code list with a different definition

The summary of changes in this MIG is listed below:

Place	EDIFICE Code (*)	Replaced with EDIFACT code/EDIFICE code (*)/Removed/Added
All DTM-2005	X03=CCYYMMDDHHMMZZZZZ (*) X04=CCYYMMDDHHMMSSZZZZZ (*)	205=CCYYMMDDHHMMZHHMM Removed
SG7-TAX-5305		Add: AE=VAT reverse charge
SG9	SG PAT Payment Terms	Renamed to: SG PYT Payment Terms
SG22-PCD-5249	OV=Order Value (*)	Removed
SG22-PCD-5245	3=Allowance or charge	Redefined to: 3=Monetary amount adjustment percentage
SG33-PRI-5375	CP=Current Price (*)	Removed
SG35-PAC-7065	TRY90=Standard Tray REL90=Standard Reel RAL90=Standard Rail BLK90= Standard Bulk	PU=Tray RL=Reel Removed Removed
SG44-PCD-5249	LV=Line item value (*)	Removed
SG54-RFF-1153	FDS=Firm Delivery Schedule Reference number (*)	AAN=Delivery Schedule number

Issue EDOC06 of 1 June 2005:
- Upgrade to UN/EDIFACT Code list D.04B
Replacement of EDIFICE codes with standard codes.
- SG13 - PAC - DE 7065:
  'CN' Container replaced with 'CN' Container, not otherwise specified as transport equipment
  'PE' Pallet replaced with 'PX' Pallet

12 May 2004 : EDIFIX 5.0 Technical Upgrade
- The 'KMT' qualifier in SEG QTY and PRI DE 6411 is now defined as (*) EDIFICE code. UN/ECE Recommendation 20 specifies 'KTM' as qualifier for 'kilometre'.

03 November 2003 : Correction of SG Structure. This change does not affect the functionality of the message, it only affects the documentation.
        SG12 TOD – Changed to SG12 TOD-LOC
        SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-**SG36-SG36**-SG37-SG41-SG51 – Changed to LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-**SG36**-SG37-SG41-SG51

21 May 2003: EDIFIX 4.2 Technical upgrade; review and correction of examples

Issue EDOC05 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A
- Addition of the following code value:
        SG26, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
        SG26, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number

Issue EDOC04 of 29 May 2002 – addition of recommended set of DTM qualifiers

Issue EDOC04 of 14 June 2000 : Addition of qualifiers in NAD on header and detail level to allow specification of the end-customer identification for pricing reasons, or the ultimate destination partner.
Addition of the following code values:
    SG3, NAD segment, DE 3035, codes   'MA' Party for whom item is ultimately intended
                                          'PC' Actual purchaser's customer
    SG37, NAD segment, DE 3035, as above
    SG37, NAD segment, DE 3055, codes '9' EAN (International Article Numbering
                        association)
                        '16' DUNS (Dun & Bradstreet)
                        '91' Assigned by seller or seller's agent

'92' Assigned by buyer or buyer's agent

Issue EDOC04 includes the changes that have been made to the issue 3 of the Purchase Change Request document endorsed by the EDIFICE Plenary on 13 April 1994. The changes are as follows:

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

- Addition of the following code values:
    all NAD segments, DE 3055, code '16' DUNS (Dun & Bradstreet)
    all TAX segments, DE 5305, code 'AA' Lower rate
    SG1, RFF segment, DE 1153, code 'BO' Blanket order number
    SG4, RFF segment, DE 1153, code 'GN' Government reference number
    SG6, COM segment, DE 3155, code 'EM' Electronic mail
    SG10, TDT segment, CO C040, DE 3055, codes '3' IATA (International Air Transport
                  Association)
                  '9' EAN (International Article Numbering
                    association)
                  '11' Lloyd's register of shipping
                  '16' DUNS (Dun & Bradstreet)
                  '91' Assigned by seller or seller's
                    agent
                  '92' Assigned by buyer or buyer's
                    agent
                  '166' US, National Motor Freight
                    Classification Association
    SG12, TOD segment, DE 4215, codes 'CC' Collect
                  'PP' Prepaid (by seller)
    SG12, LOC segment, CO C517, DE 3055, codes '3' IATA (International Air Transport
                    Association)
                  '91' Assigned by seller or seller's
                    agent
                  '92' Assigned by buyer or buyer's
                    agent
    SG26, LIN segment, DE 7143, codes 'DI' Distributor's part number
                  'MF' Manufacturer's (producer's) article number and
                  'UP' UPC (Universal product code)
    SG26, LIN segment, DE 3055, codes '89' Assigned by distributor
                  '90' Assigned by manufacturer and
                  '113' US, UCC (Uniform Code Council)
    SG26, PIA segment, DE 7143, codes 'AA' Product version number
                  'CL' Color number
                  'DI' Distributor's part number
                  'MF' Manufacturer's (producer's) article number
                  'MN' Model number
                  'SN' Serial number and
                  'UP' UPC (Universal product code)
    SG26, PIA segment, DE 3055, codes '89' Assigned by distributor
                  '90' Assigned by manufacturer and
                  '113' US, UCC (Uniform Code Council)
    SG26, IMD segment, DE 7077, code 'C' Code (from industry code list)
    SG26, IMD segment, DE 7081, code '26' Ship to line
    SG26, QTY segment, CO C186, DE 6063, codes '3' Cumulative quantity and
                  '70' Cumulative quantity received
    SG30, PRI segment, DE 5375, code 'CP' Current price
    SG31, RFF segment, DE 1153, code 'BO' Blanket order number
    SG32, PAC segment, CO C202, DE 3055, code '116' US, ANSI ASC X12
    SG37, NAD segment, DE 3035, code 'MF' Manufacturer of goods,

- Addition of the following segment groups/segment:
    SG21
    SG42
    SG43
    SG51, RFF segment,

- Replacement of the following segment:
    SG32, MEA segment to QTY segment,

- Replacement of the following codes:
    all TAX segments, code 'WUS' to 'VAT' Vat added tax
    SG1, RFF segment, DE 1153, code 'OP' to 'ON' Order number (purchase)
    SG9, PAT segment, CO C112, DE 2151, code 'D' to 'CD' Calendar day (includes weekends and
                    holidays)
    SG10, TDT segment, DE 8067, code '10' to '1' Maritime transport
               code '20' to '2' Rail transport

code '30' to '3' Road transport
code '40' to '4' Air transport
code '50' to '5' (same value)
code '60' to '6' Multimodal transport,
SG52, QTY segment, CO C186, DE 6063, codes 'OLD' to '18' Previous quantity
'NEW' to '21' Ordered quantity,

- Deletion of the following code value:
  SG6, COM segment, DE 3155, code 'TL' Telex
  SG26, PIA segment, DE 7143, code 'CCM' COCOM list number
  SG26, QTY segment, CO C186, DE 6063, code '21' Ordered quantity,

- Usage changed for the following segment groups/segments/data elements:
  all FTX segments, CO C107, X to A
  all FTX segments, CO C108, R to D
  SG4, D1 to D..2
  SG6, O1 to O..2
  SG6, COM segment, A..3 to O..3
  SG6, CTA segment, CO C056, DE 3412, A to D
  SG10, TDT segment, CO C040, DE 3055, X to A
  SG12, TOD segment, DE 4215, X to O
  SG12, TOD segment, DE 1131, X to D
  SG12, TOD segment, DE 3055, X to D
  SG12, LOC segment, CO C517, DE 3225, A to R
  SG12, LOC segment, CO C517, DE 1131, X to D
  SG12, LOC segment, CO C517, DE 3055, X to D
  SG12, LOC segment, CO C517, DE 3224, D to N
  SG13, PAC segment, CO C202, DE 1131, X to D
  SG13, PAC segment, CO C202, DE 3055, X to D
  SG19, ALC segment, CO C552, DE 1230, R to D
  SG19, ALC segment, CO C552, DE 5189, X to D
  SG26, LIN segment, CO C212, R to A
  SG26, IMD segment, DE 7081, D to O
  SG26, IMD segment, CO C273, DE 7009, X to A
  SG26, IMD segment, CO C273, DE 7008, R to D
  SG26, QTY segment, D1 to D..3
  SG32, O1 to D1
  SG32, PAC segment, CO C202, DE 3055, X to D
  SG37, O1 to O..2
  SG37, NAD segment, CO C082 X to D
  SG39, R..2 to D..2
  SG41, D..10 to O..10
  SG41, ALC segment, CO C552, DE 1230, R to D
  SG41, ALC segment, CO C552, DE 5189, X to D
  SG44, R1 to D1,

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

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

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

- Update of examples,

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

- Correction of typographical errors.

EDIFICE FUNCTIONAL DEFINITION

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.
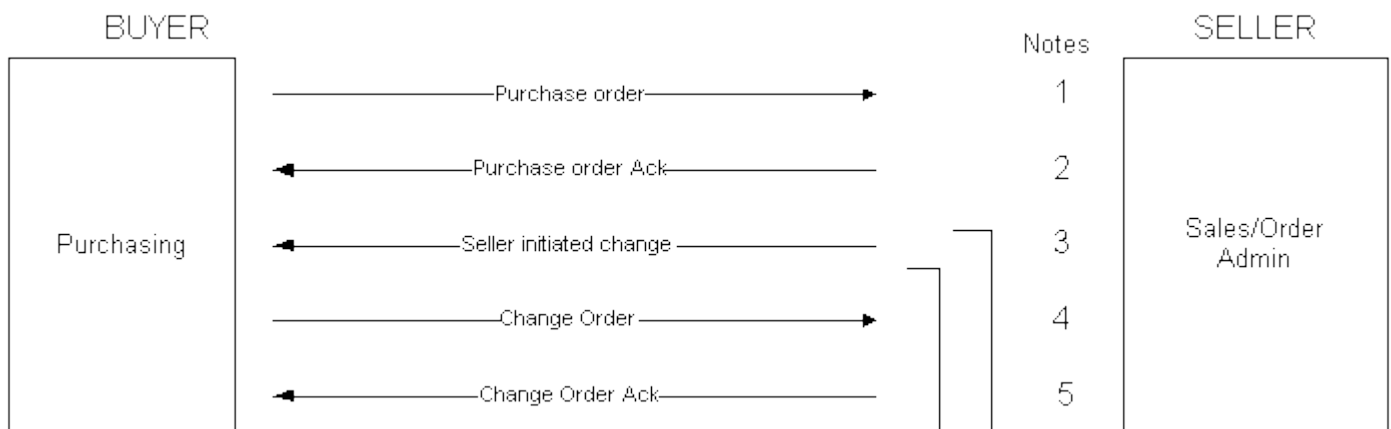
Notes.

1. Buyer generates (stand-alone) Purchase Order (ORDERS)

2. Seller responds with Order Response (ORDRSP)

3. Seller-initiated changes done via Order Response (ORDRSP)

4A. Change Orders issued from buyer to convey buyer-initiated changes (ORDCHG)

4B. Change Orders issued fom buyer to notify seller of non-acceptance of seller-initiated changes (ORDCHG) - exception process

4C. Change Orders issued from the buyer to notify the seller of acceptance of seller-initiated changes (ORDCHG) - option

5A. Seller acknowledges Buyer-initiated Change Orders via Order Response (ORDRSP). This ends the loop.

5B. Seller acknowledges Change Orders issued by Buyer, as a result of Seller-initiated changes (ORDRSP). This ends the loop.

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 should be used to identify the item being ordered. Only if a service is ordered for which no code identification exists, may the primary reference be replaced by an item description.
- To identify the individual items being ordered (SG28), the combination of the Buyer's original Document Number (BGM DE1004) and the Buyer's original line number (RFF in SG33 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.

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 DE 1004.

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 SG33. 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 SG1 and not at the detail level.

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.

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 SG33). 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 DE 7140).

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 SG1 and not at the detail level.

The following data must be transmitted:

- Those required to identify the individual items being ordered (RFF in SG33).
- All segments below the LIN segment, when there is a proposed change in one of them.

It is up to the trading 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.

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.

A single segment group SCC must always precede a single SG52, except when there is a request to split the previous schedule. It is recommended to send the previous schedules before the current schedules, either on a one to one basis or grouped together. This must be previously agreed by the trading partners.

It is also up to the trading partners to agree whether quantities previously ordered and received are included in the QTY segments of SG52.

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.

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

- The Header section except for SG19 (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 SG34).
- 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 SG1 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 SG34).
- 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 trading 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.

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.

A single segment group SCC must always precede a single SG54, except when there is a proposal to split the previous schedule. It is recommended to send the requested schedules before the proposed schedules, either on a one to one basis or grouped together. This must be previously agreed by the trading partners.

It is also up to the trading partners to agree whether quantities previously ordered and received are included in the QTY segments of SG54.

A proposed change to SG19 (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 (SG33)       :    line number
  QTY (SG54)       :    ordered quantity
  DTM (SG54)       :    requested delivery/shipment date
  ```

- ORDRSP
  ```
       BGM         :    purchase order response number
       RFF (SG1)   :    purchase order number
       RFF (SG31)  :    line number
       RFF (SG31)  :    preceding Purchase Order Change document number for this line item
  a)   QTY (SG52)  :    ordered quantity
       DTM (SG52)  :    requested delivery/shipment date
  b)   QTY (SG52)  :    quantity to be delivered
       DTM (SG52)  :    schedule delivery/shipment date
  ```

- ORDCHG
  ```
       BGM         :    purchase order change request number
       RFF (SG1)   :    purchase order number
       RFF (SG31)  :    line number
       RFF (SG31)  :    preceding message document number for this line item (Purchase Order
                        Change or Purchase Order Response)
  a)   QTY (SG52)  :    previous order quantity
       DTM (SG52)  :    superseded date
  ```

```
b)   QTY (SG52)   :   proposed new order quantity
     DTM (SG52)   :   schedule delivery/shipment date
```

Any subsequent Purchase Order Change or Purchase Order Response to the original order should include

    a.   the scheduling conditions (QTY/DTM) as they were BEFORE the now transmitted message, if agreed by the trading partners,
        and

    b.   the new proposed/requested scheduling conditions except where SG55 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 SG32.

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 SG1.

If no preceding message exists other than the original Purchase Order, there will be no reference in SG32 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

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

EXPLANATORY NOTES

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

MESSAGE STRUCTURE CHART

UNH	Message header	M 1	
BGM	Beginning of message	M 1	
DTM	Date/time/period	M 1	
FTX	Free text	O 1	
SG1		R ..5	
RFF	Reference	M 1	
DTM	Date/time/period	D 1	
SG3		R ..8	
NAD	Name and address	M 1	
SG4		D ..2	
RFF	Reference	M 1	
SG6		O ..2	
CTA	Contact information	M 1	
COM	Communication contact	O ..3	
SG7		D 1	
TAX	Duty/tax/fee details	M 1	
SG8		D 1	
CUX	Currencies	M 1	
SG9		O 1	
PYT	Payment terms	M 1	
PCD	Percentage details	D 1	
SG11		O 1	
TDT	Transport information	M 1	
SG13		O 1	
TOD	Terms of delivery or transport	M 1	
LOC	Place/location identification	D 1	
SG14		O 1	
PAC	Package	M 1	
SG15		O 1	
PCI	Package identification	M 1	
SG20		O ..10	
ALC	Allowance or charge	M 1	
SG22		D 1	
PCD	Percentage details	M 1	
SG23		D 1	
MOA	Monetary amount	M 1	
SG25		D 1	
TAX	Duty/tax/fee details	M 1	
SG28		R ..9999	
LIN	Line item	M 1	
PIA	Additional product id	D ..10	
IMD	Item description	D 1	
QTY	Quantity	D ..3	
ALI	Additional information	O 1	
FTX	Free text	O 1	
SG33		D 1	
PRI	Price details	M 1	
SG34		R ..6	
RFF	Reference	M 1	
DTM	Date/time/period	D 1	
SG35		D 1	
PAC	Package	M 1	
QTY	Quantity	O 1	
SG37		O 1	
PCI	Package identification	M 1	
SG39		D 1	

TAX	Duty/tax/fee details	M 1	
SG40		O ..4	
NAD	Name and address	M 1	
SG42		D ..2	
DOC	Document/message details	M 1	
SG44		O ..10	
ALC	Allowance or charge	M 1	
SG45		D 1	
QTY	Quantity	M 1	
SG46		D 1	
PCD	Percentage details	M 1	
SG47		D 1	
MOA	Monetary amount	M 1	
SG49		D 1	
TAX	Duty/tax/fee details	M 1	
SG54		D ..100	
SCC	Scheduling conditions	M 1	
RFF	Reference	D 1	
SG55		R ..10	
QTY	Quantity	M 1	
DTM	Date/time/period	R 1	
UNS	Section control	M 1	
UNT	Message trailer	M 1	

BRANCHING DIAGRAM

```
                                                                                                                    ┌──────┐
                                                                                                                    │  1   │
0 ─────┬─────────┬──────────┬──────────┬──────────┬──────────┬──────────┬──────────┬──────────┬──────────┬─────────┘
       │         │          │          │          │          │          │          │          │          │
   ┌───────┐ ┌───────┐
   │  UNH  │ │  BGM  │
   │ M │ 1 │ │ M │ 1 │
   └───────┘ └───────┘
1                         ┌───────┐ ┌───────┐        ┌───────┐  ┌───────┐  ┌───────┐  ┌───────┐  ┌───────┐
                          │  SG1  │ │  SG3  │        │  SG7  │  │  SG8  │  │  SG9  │  │ SG11  │  │ SG13  │
                          │ R │..5│ │ R │..8│        │ D │ 1 │  │ D │ 1 │  │ O │ 1 │  │ O │ 1 │  │ O │ 1 │
                          └───────┘ └───────┘        └───────┘  └───────┘  └───────┘  └───────┘  └───────┘
           ┌───────┐ ┌───────┐ ┌───────┐ ┌───────┐   ┌───────┐  ┌───────┐  ┌───────┐  ┌───────┐  ┌───────┐
           │  DTM  │ │  FTX  │ │  RFF  │ │  NAD  │   │  TAX  │  │  CUX  │  │  PYT  │  │  TDT  │  │  TOD  │
           │ M │ 1 │ │ O │ 1 │ │ M │ 1 │ │ M │ 1 │   │ M │ 1 │  │ M │ 1 │  │ M │ 1 │  │ M │ 1 │  │ M │ 1 │
           └───────┘ └───────┘ └───────┘ └───────┘   └───────┘  └───────┘  └───────┘  └───────┘  └───────┘
2                                       ┌───────┐ ┌───────┐                            ┌───────┐             ┌───────┐
                                        │  SG4  │ │  SG6  │                            │  PCD  │             │  LOC  │
                                        │ D │..2│ │ O │..2│                            │ D │ 1 │             │ D │ 1 │
                                        └───────┘ └───────┘                            └───────┘             └───────┘
                              ┌───────┐ ┌───────┐ ┌───────┐
                              │  DTM  │ │  RFF  │ │  CTA  │
                              │ D │ 1 │ │ M │ 1 │ │ M │ 1 │
                              └───────┘ └───────┘ └───────┘
3                                                 ┌───────┐
                                                  │  COM  │
                                                  │ O │..3│
                                                  └───────┘
```

1	3

SG14 (O 1) — PAC (M 1)
SG20 (O ..10) — ALC (M 1)
SG28 (R ..9999) — LIN (M 1)

SG15 (O 1) — PCI (M 1)
SG22 (D 1) — PCD (M 1)
SG23 (D 1) — MOA (M 1)
SG25 (D 1) — TAX (M 1)
PIA (D ..10)
IMD (D 1)
QTY (D ..3)
ALI (O 1)
FTX (O 1)
SG33 (D 1) — PRI (M 1)
SG34 (R ..6) — RFF (M 1)

2

DTM (D 1)

```
  ┌───┐
0 │ 3 ├──┬────────┐
  └───┘  │        │
      ┌──┴───┐ ┌──┴───┐
      │ UNS  │ │ UNT  │
      ├──┬───┤ ├──┬───┤
      │M │ 1 │ │M │ 1 │
      └──┴───┘ └──┴───┘
```
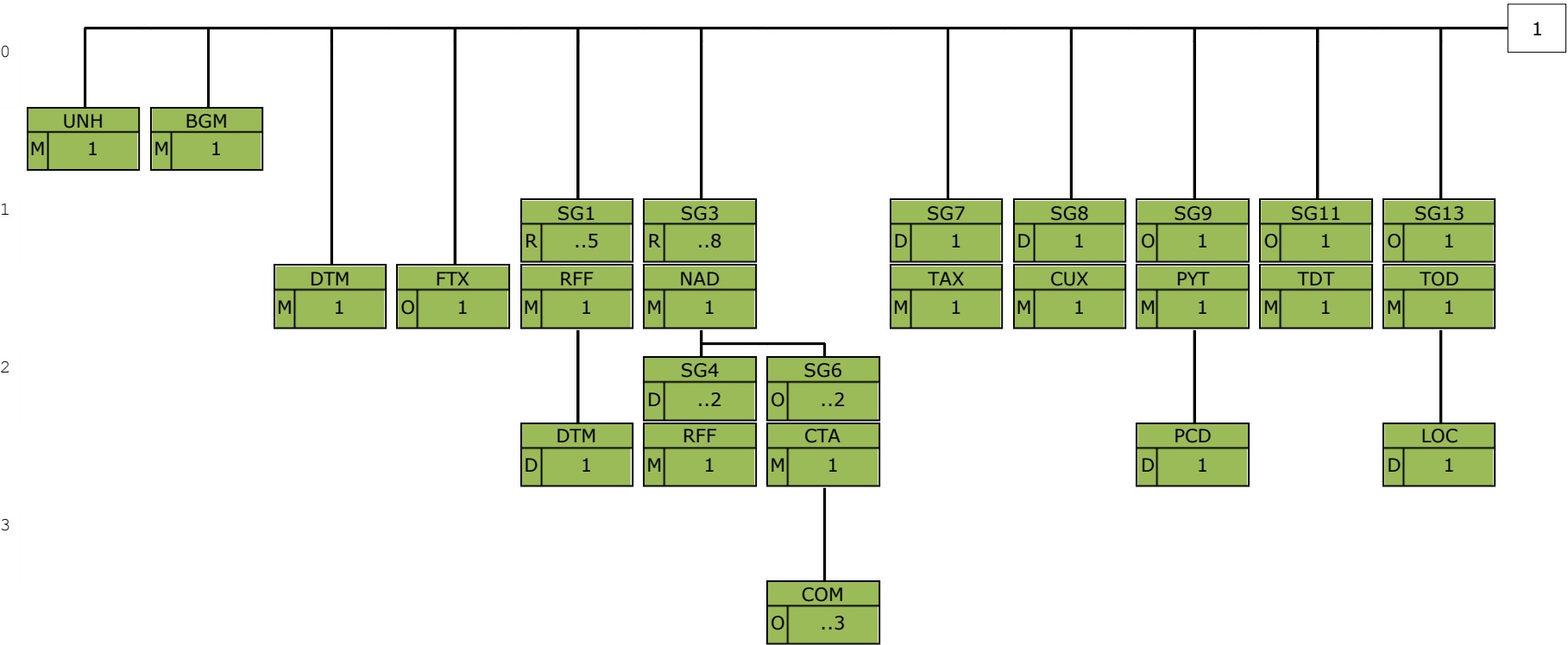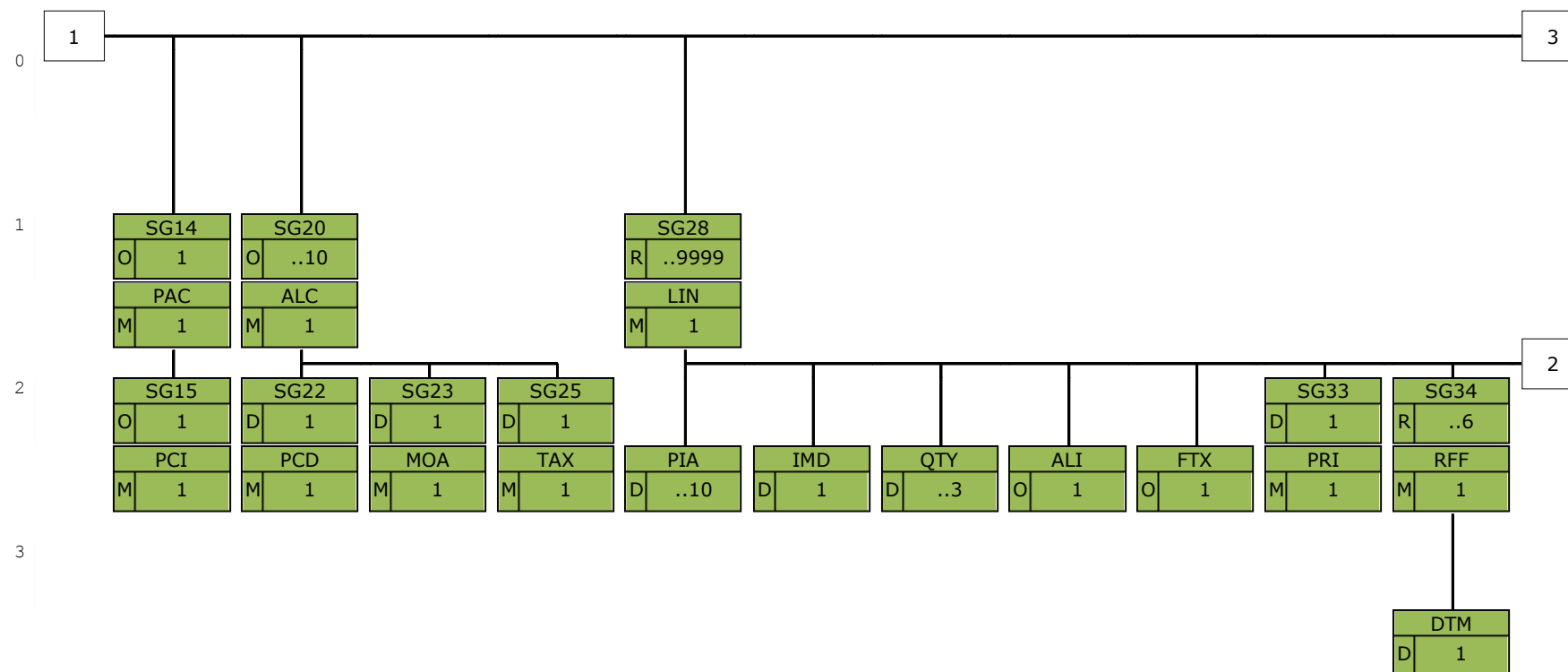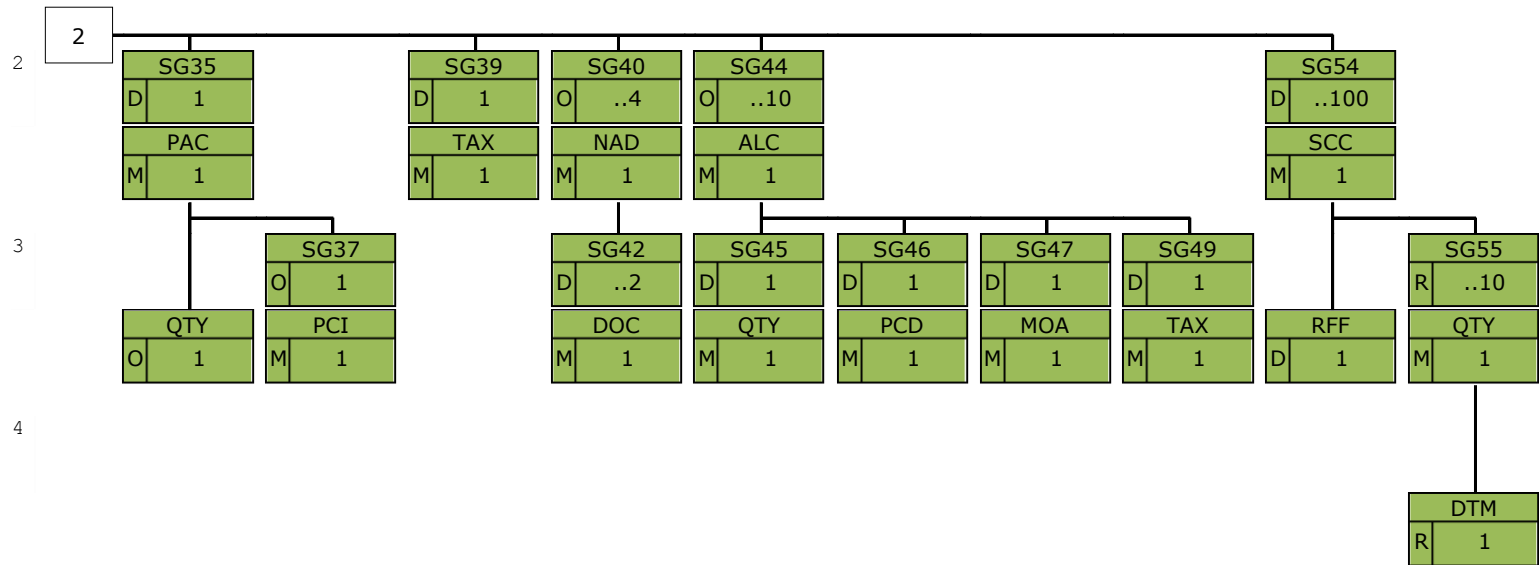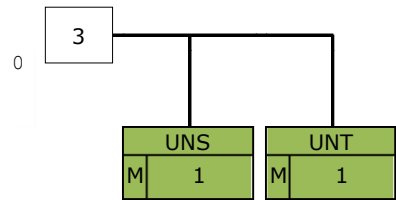
SEGMENT DESCRIPTION

UNH   **Message header**

Function: A service segment heading, and uniquely identifying the message.
Usage: M 1

BGM   **Beginning of message**

Function: A segment uniquely identifying the message by means of its coded name, number and function.
Usage: M 1

DTM   **Date/time/period**

Function: A segment specifying the date of creation of the message.
Usage: M 1

FTX   **Free text**

Function: A segment providing free form or coded text information, applicable to the whole message.
Usage: O 1

SG1   **RFF-DTM**

Function: A group of segments referencing documents and their dates, relating to the whole message.
Usage: R ..5
Notes: 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 SG34. Only if mutually agreed between trading partners and if this reference is the same for all line items may it 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.
The DTM segment must be sent where local law requires the date of a reference document to be sent.

RFF   **Reference**

Function: A segment specifying a document reference number.
Usage: M 1

DTM   **Date/time/period**

Function: A segment specifying the date of the reference document.
Usage: D 1

SG3   **NAD-SG4-SG6**

Function: A group of segments identifying the parties involved and their associated information, relevant to the whole message.
Usage: R ..8
Notes: 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 message.
SG4 is used if EC regulations and/or country law requires reference numbers to be sent.

NAD   **Name and address**

Function: A segment identifying the function and coded identification, name and address of a party involved.
Usage: M 1

SG4   **RFF**

Function: A group of segments giving references relating to the identified buying party involved.
Usage: D ..2
Notes:

RFF   **Reference**

Function: A segment specifying a company specific reference.
Usage: M 1

SG6   CTA-COM

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

CTA   Contact information

Function: A segment identifying a person or department, and their function.
Usage: M 1

COM   Communication contact

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

SG7   TAX

Function: A group of segments specifying tax related information, applicable to the whole message.
Usage: D 1
Notes: Used if country law requires tax to be specified.

TAX   Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate.
Usage: M 1

SG8   CUX

Function: A group of segments specifying the currency, valid for the whole message.
Usage: D 1
Notes: The currency must be specified if prices and/or amounts are sent, and can not be different from that specified in the referenced original Purchase Order.

CUX   Currencies

Function: A segment specifying the order currency for all prices and/or amounts.
Usage: M 1

SG9   PYT-PCD

Function: A group of segments specifying the payment terms, applicable to the whole message.
Usage: O 1
Notes: Used only if the payment terms need to be conveyed at the time of requesting an order change.
The PCD segment should only be sent if discount payment terms are specified.

PYT   Payment terms

Function: A segment specifying the payment terms type and associated time information.
Usage: M 1

PCD   Percentage details

Function: A segment specifying the discount percentage related to the payment terms.
Usage: D 1

SG11   TDT

Function: A group of segments specifying transport details.
Usage: O 1
Notes: Used only if details of transport need to be conveyed at the time of requesting an order change.

TDT   Transport information

Function: A segment specifying for the main-carriage stage the mode of transport and the carrier information.
Usage: M 1

SG13 TOD-LOC

Function: A group of segments indicating the terms of delivery for the whole message.
Usage: O 1
Notes: Used only if terms of delivery need to be conveyed at the time of requesting an order change.
The LOC segment is only used if the terms of delivery ('F' & 'C') require a named location/place.

TOD Terms of delivery or transport

Function: A segment specifying the transport charge method and applicable terms of delivery.
Usage: M 1

LOC Place/location identification

Function: A segment identifying a location or place required for the terms of delivery.
Usage: D 1

SG14 PAC-SG15

Function: A group of segments identifying consignment packaging with associated information.
Usage: O 1
Notes:

PAC Package

Function: A segment specifying the type of shippable packages.
Usage: M 1

SG15 PCI

Function: A group of segments specifying the marking and labelling of the shippable packages.
Usage: O 1
Notes:

PCI Package identification

Function: A segment specifying the buyer's markings and labelling instructions.
Usage: M 1

SG20 ALC-SG22-SG23-SG25

Function: A group of segments specifying allowances and/or charges and related tax information, for the whole message.
Usage: O..10
Notes: A proposed change by the buyer will automatically apply to the whole original Purchase Order.
Allowances and/or charges at header level and line level are independent, i.e. line level does not override header level.
Both may occur.
SG22 is only used if the allowance or charge is percentage based.
SG23 is only used if the allowance or charge is an absolute monetary amount.
Use SG22 or SG23 but not both.
SG25 is only used if tax or duty apply to the allowance or charge.

ALC Allowance or charge

Function: A segment specifying an allowance or charge, its settlement and calculation sequence.
Usage: M 1

SG22 PCD

Function: A group of segments specifying an allowance or charge as a percentage.
Usage: D 1
Notes:

PCD Percentage details

Function: A segment specifying an allowance or charge percentage.
Usage: M 1

SG23 MOA

Function: A group of segments specifying the total monetary amount for the allowance or charge.
Usage: D 1
Notes: The currency of this monetary amount is determined in the header CUX segment and cannot be different here.

MOA Monetary amount

Function: A segment specifying the total monetary amount.
Usage: M 1

SG25 TAX

Function: A group of segments specifying tax related information for the allowance or charge.
Usage: D 1
Notes:

TAX Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate.
Usage: M 1

SG28 LIN-PIA-IMD-QTY-ALI-FTX-SG33-SG34-SG35-SG39-SG40-SG44-SG54

Function: A group of segments providing details of the individual line items i.e. ordered products or services.
Usage: R ..9999
Notes: 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 or segment groups of the LIN need be transmitted except for the RFF segments specifying the original Purchase Order line number and a preceding message document number.
When a referenced line is added or changed, all relevant underlying segments or segment groups must be transmitted.
The PIA segment is dependent on whether the primary reference to the line item being ordered is insufficient to identify the item.
The IMD segment is used to provide an additional description of the primary reference to the line item being ordered. It may also be used for items that can not be identified by a code or article number.
The QTY segment is used if quantity information is, or needs to be, specified.
SG33 is used if a price is, or a change to a price needs to be, specified.
SG35 is used to specify alternative packaging methods which have been agreed between trading partners.
SG39 is used if country law requires tax to be specified.
SG54 is used if scheduling conditions are, or need to be, specified.

LIN Line item

Function: A segment identifying a line item by its item number, and agreed to be the primary reference number between the buyer and seller.
The segment also carries a sequence number assigned to the line item within the message, and the action taken.
Usage: M 1

PIA Additional product id

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

IMD Item description

Function: A segment specifying ship to stock or ship to line quality and/or an additional description in clear or coded form, for the line item.
Usage: D 1

QTY Quantity

Function: A segment specifying non-scheduled related quantity information for the line item.

Usage: D ..3

ALI   Additional information

Function: A segment indicating the country of origin for the line item.
Usage: O 1

FTX   Free text

Function: A segment providing free form or coded text information for the line item.
Usage: O 1

SG33   PRI

Function: A group of segments specifying pricing information for the line item.
Usage: D 1
Notes:

PRI   Price details

Function: A segment specifying the line item price and the qualifying information.
Usage: M 1

SG34   RFF-DTM

Function: A group of segments specifying references for the line item.
Usage: R ..6
Notes: The DTM segment must be sent where local law requires the date of a reference document to be sent.

RFF   Reference

Function: A segment specifying the line item reference number as given by the buyer, or a document reference
            number.
Usage: M 1

DTM   Date/time/period

Function: A segment specifying the date of the reference document.
Usage: D 1

SG35   PAC-QTY-SG37

Function: A group of segments specifying product packaging information.
Usage: D 1
Notes:

PAC   Package

Function: A segment specifying the product package type.
Usage: M 1

QTY   Quantity

Function: A segment specifying the number of products contained in the package type.
Usage: O 1

SG37   PCI

Function: A group of segments specifying the marking and labelling instructions for the product packages.
Usage: O 1
Notes:

PCI   Package identification

Function: A segment specifying the buyer's marking and labelling instructions.
Usage: M 1

SG39   TAX

Function: A group of segments specifying tax related information for the line item.
Usage: D 1
Notes:

TAX   Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate for the line item.
Usage: M 1

SG40   NAD-SG42

Function: A group of segments identifying the parties involved and their associated information, for the line item.
Usage: O..4
Notes: End customer identification provided here overrides the end customer identification on header level.
           SG42 is only used when DE 3035 in NAD = 'BY'.

NAD   Name and address

Function: A segment identifying either the buyer as the party requesting the certificates, the manufacturer's code,
           the buyer (distributor's) end customer or the ultimate destination party, for the line item.
Usage: M 1

SG42   DOC

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

DOC   Document/message details

Function: A segment specifying a requested certificate.
Usage: M 1

SG44   ALC-SG45-SG46-SG47-SG49

Function: A group of segments specifying allowances and/or charges and related tax information for the line item.
Usage: O..10
Notes: Allowances and/or charges at header level and line level are independent, i.e. line level does not override
           header level.
           Both may occur.
           SG45 is only used if the allowance or charge is quantity related.
           SG46 is only used if the allowance or charge is percentage based.
           SG47 is only used if the allowance or charge is an absolute monetary amount.
           Use only one of SG45, SG46 and SG47.
           SG49 is only used if tax or duty apply to the allowance or charge.

ALC   Allowance or charge

Function: A segment specifying an allowance or charge, its settlement and calculation sequence.
Usage: M 1

SG45   QTY

Function: A group of segments specifying quantity information for an allowance or charge.
Usage: D 1
Notes:

QTY   Quantity

Function: A segment specifying the ordered quantity as the basis for an allowance or charge.
Usage: M 1

SG46   PCD

Function: A group of segments specifying an allowance or charge as a percentage.
Usage: D 1

Notes:

PCD — Percentage details

Function: A segment specifying an allowance or charge percentage.
Usage: M 1

SG47 — MOA

Function: A group of segments specifying the total monetary amount of the allowance or charge.
Usage: D 1
Notes: Currency of monetary amount is determined in the header CUX segment and cannot be different here.

MOA — Monetary amount

Function: A segment specifying a monetary amount.
Usage: M 1

SG49 — TAX

Function: A group of segments specifying tax related information for the allowance or charge.
Usage: D 1
Notes:

TAX — Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate.
Usage: M 1

SG54 — SCC-RFF-SG55

Function: A group of segments specifying previous and current firm scheduling conditions.
Usage: D ..100
Notes: Trading partners must agree whether quantities previously ordered and received are included in the underlying QTY segments of SG55.
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 SG54 belonging to one LIN on the original Purchase Order message or a subsequent Purchase Order Change Request message, may not be 'split' over several LIN segments (SG28) in the Purchase Order Change Request message.
A single segment group SCC must always precede a single SG55, except when there is a request to split the previous schedule. It is recommended to send the previous schedules before the current schedules, either on a one to one basis or grouped together. This must be previously agreed by the trading partners.

SCC — Scheduling conditions

Function: A segment specifying a firm delivery.
Usage: M 1

RFF — Reference

Function: A segment identifying the schedule reference number as given by the buyer.
Usage: D 1

SG55 — QTY-DTM

Function: A group of segments specifying the previously and currently requested delivery dates and quantities scheduled.
Usage: R ..10

Notes: Where there is a change to the delivery date and/or the quantity scheduled, it is recommended that there should be at least two occurrences of SG55, used in the following way:

1) Indicating the previous schedule before the currently requested changes:
QTY: DE 6063   '18' Previous quantity
DTM: DE 2005   '42' Superseded date/time

2) Indicating the current schedule as requested by the buyer:
QTY: DE 6063   '21' Ordered quantity
DTM: DE 2005   '2' Delivery date/time, requested
     OR   '10' Shipment date/time, requested

In the case of a request to split the previous schedule, SG55 may be repeated as many times as needed (up to 9).

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, it is recommended that both combination 1) and 2) are present, with QTY DE 6060 of the current schedule carrying the value zero and DTM DE 2380 carrying the previously requested schedule date.

If the original Purchase Order is the only preceding message for the line item, the "previous schedule before the currently 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 segment in SG1. Reference to any other preceding message is found in the RFF segment in SG34.

QTY   Quantity

Function: A segment specifying a quantity.
Usage: M 1

DTM   Date/time/period

Function: A segment specifying the corresponding date of the quantity.
Usage: R 1

UNS   Section control

Function: A service segment separating detail and summary section.
Usage: M 1

UNT   Message trailer

Function: A service segment ending, and providing information for checking the completeness of a message.
Usage: M 1

UNH

UNH   Message header

Function: A service segment heading, and uniquely identifying the message.
Usage :   M1
Notes :   Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDSS10

Ref.	Rep.		Name		EDIFICE Utilisation
0062	an..14	M	MESSAGE REFERENCE NUMBER	M	Transmission message count from 1
S009		M	MESSAGE IDENTIFIER	M	
0065	an..6	M	Message type	M	ORDCHG = Purchase order change request message
0052	an..3	M	Message version number	M	**D** = Draft version/UN/EDIFACT Directory
0054	an..3	M	Message release number	M	**10A** = Release 2010 - A
0051	an..3	M	Controlling agency, coded	M	**UN** = UN/CEFACT
0057	an..6	C	Association assigned code	R	**EDOC10** = Purchase order change Issue EDOC10
0110	an..6	C	Code list directory version number	N	
0113	an..6	C	Message type sub-function identification	N	
0068	an..35	C	COMMON ACCESS REFERENCE	N	
S010		C	STATUS OF THE TRANSFER	N	
0070	n..2	M	Sequence of transfers	N	
0073	a1	C	First and last transfer	N	
S016		C	MESSAGE SUBSET IDENTIFICATION	N	
0115	an..14	M	Message subset identification	N	
0116	an..3	C	Message subset version number	N	
0118	an..3	C	Message subset release number	N	
0051	an..3	C	Controlling agency, coded	N	
S017		C	MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION	N	
0121	an..14	M	Message implementation guideline identification	N	
0122	an..3	C	Message implementation guideline version number	N	
0124	an..3	C	Message implementation guideline release number	N	
0051	an..3	C	Controlling agency, coded	N	
S018		C	SCENARIO IDENTIFICATION	N	
0127	an..14	M	Scenario identification	N	
0128	an..3	C	Scenario version number	N	
0130	an..3	C	Scenario release number	N	
0051	an..3	C	Controlling agency, coded	N	

BGM   Beginning of message

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

Ref.	Rep.		Name		EDIFICE Utilisation
C002		C	DOCUMENT/MESSAGE NAME	R	
1001	an..3	C	Document name code	R	**230** = Purchase order change request
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
1000	an..35	C	Document name	N	
C106		C	DOCUMENT/MESSAGE IDENTIFICATION	R	
1004	an..70	C	Document identifier	R	Purchase order change request number
1056	an..9	C	Version identifier	N	
1060	an..6	C	Revision identifier	N	
1225	an..3	C	MESSAGE FUNCTION CODE	R	**9** = Original
					42 = Confirmation via specific means
					For confirmation of a Purchase Order Change Request already transmitted by other means
4343	an..3	C	RESPONSE TYPE CODE	N	

DTM   Date/time/period

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

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date or time or period function code qualifier	M	**137** = Document issue date time
2380	an..35	C	Date or time or period text	R	Purchase order change request date
2379	an..3	C	Date or time or period format code	R	**102** = CCYYMMDD
					203 = CCYYMMDDHHMM
					205 = CCYYMMDDHHMMZHHMM
					Replaces EDIFICE code
					X03=CCYYMMDDHHMMZZZZZ
					303 = CCYYMMDDHHMMZZZ
					ZZZ = Time zone
					304 = CCYYMMDDHHMMSSZZZ
					ZZZ = Time zone

FTX   Free text

Function: A segment providing free form or coded text information, applicable to the whole message.
Usage   :   O 1
Notes   :   EDIFICE recommends not to use FTX segments.
               Where possible, use CO C107 rather than CO C108.

Ref.	Rep.		Name		EDIFICE Utilisation
4451	an..3	M	TEXT SUBJECT CODE QUALIFIER	M	**GEN** = Entire transaction set
4453	an..3	C	FREE TEXT FUNCTION CODE	R	**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
C107		C	TEXT REFERENCE	A	
4441	an..17	M	Free text description code	M	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
C108		C	TEXT LITERAL	D	
4440	an..512	M	Free text	M	
4440	an..512	C	Free text	O	
4440	an..512	C	Free text	O	
4440	an..512	C	Free text	O	
4440	an..512	C	Free text	O	
3453	an..3	C	LANGUAGE NAME CODE	N	
4447	an..3	C	FREE TEXT FORMAT CODE	N	

RFF

SG1   RFF-DTM

RFF   Reference

Function: A segment specifying a document reference number.
Usage   :   M1
Notes   :

Ref. Rep. Name		EDIFICE Utilisation
C506 M REFERENCE	M	
1153 an..3 M Reference code qualifier	M	**AAA** = Order acknowledgement document identifier *Reference to the seller's purchase order response number for the line item* **AAD** = Contract document addendum identifier **BO** = Blanket order number **CT** = Contract number **GC** = Government contract number **ON** = Order document identifier, buyer assigned *Reference to the original purchase order* **PP** = Purchase order change number *Reference number assigned by a buyer for a revision of a purchase order for the line item* **PR** = Price quote number
1154 an..70 C Reference identifier	R	
1156 an..6 C Document line identifier	N	
1056 an..9 C Version identifier	N	
1060 an..6 C Revision identifier	N	

SG1   RFF-DTM

DTM   Date/time/period

Function: A segment specifying the date of the reference document.
Usage   :   D 1
Notes   :

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

SG3   NAD-SG4-SG6

NAD   Name and address

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

Ref.	Rep.		Name		EDIFICE Utilisation
3035	an..3	M	PARTY FUNCTION CODE QUALIFIER	M	**AK** = Acknowledgement recipient
					BY = Buyer
					DP = Delivery party
					FW = Freight forwarder
					IV = Invoicee
					MA = Party for whom item is ultimately intended
					PC = Actual purchaser's customer
					SE = Seller
C082		C	PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M	Party identifier	M	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	R	**9** = GS1
					16 = US, D&B (Dun & Bradstreet Corporation)
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
C058		C	NAME AND ADDRESS	D	
3124	an..35	M	Name and address description	M	
3124	an..35	C	Name and address description	O	
3124	an..35	C	Name and address description	O	
3124	an..35	C	Name and address description	O	
3124	an..35	C	Name and address description	O	
C080		C	PARTY NAME	D	
3036	an..70	M	Party name	M	
3036	an..70	C	Party name	O	
3036	an..70	C	Party name	O	
3036	an..70	C	Party name	O	
3036	an..70	C	Party name	O	
3045	an..3	C	Party name format code	N	
C059		C	STREET	D	
3042	an..35	M	Street and number or post office box identifier	M	
3042	an..35	C	Street and number or post office box identifier	O	
3042	an..35	C	Street and number or post office box identifier	O	
3042	an..35	C	Street and number or post office box identifier	O	
3164	an..35	C	CITY NAME	D	
C819		C	COUNTRY SUBDIVISION DETAILS	C	
3229	an..9	C	Country subdivision identifier	D	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
3228	an..70	C	Country subdivision name	N	
3251	an..17	C	POSTAL IDENTIFICATION CODE	D	
3207	an..3	C	COUNTRY IDENTIFIER	D	Use ISO 3166, 2 alpha code

SG4   RFF

RFF   Reference

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

Ref.	Rep.		Name		EDIFICE Utilisation
C506		M	REFERENCE	M	
1153	an..3	M	Reference code qualifier	M	**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)* **GN** = Government reference number
1154	an..70	C	Reference identifier	R	
1156	an..6	C	Document line identifier	N	
1056	an..9	C	Version identifier	N	
1060	an..6	C	Revision identifier	N	

SG6   CTA-COM

CTA   Contact information

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

Ref.	Rep.		Name		EDIFICE Utilisation
3139	an..3	C	CONTACT FUNCTION CODE	R	**PD** = Purchasing contact
					SC = Schedule contact
C056		C	CONTACT DETAILS	R	If a code is available use DE 3413, otherwise use DE 3412.
3413	an..17	C	Contact identifier	D	
3412	an..256	C	Contact name	D	

COM

COM   Communication contact

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

Ref.	Rep.		Name		EDIFICE Utilisation
C076		M	COMMUNICATION CONTACT	M	
3148	an..512	M	Communication address identifier	M	
3155	an..3	M	Communication means type code	M	**EM** = Electronic mail
					FX = Telefax
					TE = Telephone

SG7   TAX

TAX   Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate.
Usage   :   M1
Notes   :   CO C243 is not used when DE 5305 = 'E'.

Ref.	Rep.		Name		EDIFICE Utilisation
5283	an..3	M	DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER	M	**7** = Tax
C241		C	DUTY/TAX/FEE TYPE	R	
5153	an..3	C	Duty or tax or fee type name code	R	**VAT** = Value added tax
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5152	an..35	C	Duty or tax or fee type name	N	
C533		C	DUTY/TAX/FEE ACCOUNT DETAIL	N	
5289	an..6	M	Duty or tax or fee account code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5286	an..15	C	DUTY OR TAX OR FEE ASSESSMENT BASIS QUANTITY	N	
C243		C	DUTY/TAX/FEE DETAIL	D	
5279	an..7	C	Duty or tax or fee rate code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5278	an..17	C	Duty or tax or fee rate	R	Tax rate
5273	an..12	C	Duty or tax or fee rate basis code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5305	an..3	C	DUTY OR TAX OR FEE CATEGORY CODE	R	**AA** = Lower rate *VAT at a lower rate than standard rate* **AE** = VAT Reverse Charge **E** = Exempt from tax **S** = Standard rate **Z** = Zero rated goods
3446	an..20	C	PARTY TAX IDENTIFIER	N	
1227	an..3	C	CALCULATION SEQUENCE CODE	N	
5307	an..3	C	TAX OR DUTY OR FEE PAYMENT DUE DATE CODE	N	

SG8   CUX

CUX   Currencies

Function: A segment specifying the order currency for all prices and/or amounts.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C504		C	CURRENCY DETAILS	R	
6347	an..3	M	Currency usage code qualifier	M	**2** = Reference currency
6345	an..3	C	Currency identification code	R	Use ISO 4217, 3 alpha code
6343	an..3	C	Currency type code qualifier	R	**9** = Order currency
6348	n..4	C	Currency rate	N	
C504		C	CURRENCY DETAILS	N	
6347	an..3	M	Currency usage code qualifier	N	
6345	an..3	C	Currency identification code	N	
6343	an..3	C	Currency type code qualifier	N	
6348	n..4	C	Currency rate	N	
5402	n..12	C	CURRENCY EXCHANGE RATE	N	
6341	an..3	C	EXCHANGE RATE CURRENCY MARKET IDENTIFIER	N	

PYT   Payment terms

Function: A segment specifying the payment terms type and associated time information.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
4279	an..3	M	PAYMENT TERMS TYPE CODE QUALIFIER	M	**1** = Basic **22** = Discount
C019		C	PAYMENT TERMS	N	
4277	an..17	C	Payment terms description identifier	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
4276	an..35	C	Payment terms description	N	
2475	an..3	C	EVENT TIME REFERENCE CODE	M	**5** = Date of invoice *Payment time reference is date of invoice* **29** = Date of delivery of goods to establishments/domicile/site *Date the goods are delivered at agreed place of destination*
2009	an..3	C	TERMS TIME RELATION CODE	R	**1** = Reference date **2** = Before reference **3** = After reference
2151	an..3	C	PERIOD TYPE CODE	D	**CD** = Calendar day (includes weekends and holidays)
2152	n..3	C	PERIOD COUNT QUANTITY	D	Number of days

SG9   PYT-PCD

PCD   Percentage details

Function: A segment specifying the discount percentage related to the payment terms.
Usage :   D 1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C501		M	PERCENTAGE DETAILS	M	
5245	an..3	M	Percentage type code qualifier	M	**12** = Discount
5482	n..10	C	Percentage	R	Discount percentage
5249	an..3	C	Percentage basis identification code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
4405	an..3	C	STATUS DESCRIPTION CODE	N	

TDT   Transport information

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

Ref.	Rep.		Name		EDIFICE Utilisation
8051	an..3	M	TRANSPORT STAGE CODE QUALIFIER	M	**20** = Main-carriage transport
8028	an..17	C	MEANS OF TRANSPORT JOURNEY IDENTIFIER	N	
C220		C	MODE OF TRANSPORT	R	
8067	an..3	C	Transport mode name code	R	**1** = Maritime transport
					2 = Rail transport
					3 = Road transport
					4 = Air transport
					5 = Mail
					6 = Multimodal transport
8066	an..17	C	Transport mode name	N	
C001		C	TRANSPORT MEANS	N	
8179	an..8	C	Transport means description code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
8178	an..17	C	Transport means description	N	
C040		C	CARRIER	O	
3127	an..17	C	Carrier identifier	A	Mutually defined code
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	A	**3** = IATA (International Air Transport Association)
					9 = GS1
					11 = Lloyd's register of shipping
					16 = US, D&B (Dun & Bradstreet Corporation)
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
					166 = US, National Motor Freight Classification Association
3126	an..35	C	Carrier name	D	Used if no coded name is exchanged in DE 3127
8101	an..3	C	TRANSIT DIRECTION INDICATOR CODE	N	
C401		C	EXCESS TRANSPORTATION INFORMATION	N	
8457	an..3	M	Excess transportation reason code	N	
8459	an..3	M	Excess transportation responsibility code	N	
7130	an..17	C	Customer shipment authorisation identifier	N	
C222		C	TRANSPORT IDENTIFICATION	N	
8213	an..35	C	Transport means identification name identifier	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
8212	an..70	C	Transport means identification name	N	
8453	an..3	C	Transport means nationality code	N	
8281	an..3	C	TRANSPORT MEANS OWNERSHIP INDICATOR CODE	N	

TOD

TOD   Terms of delivery or transport

Function: A segment specifying the transport charge method and applicable terms of delivery.
Usage :   M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
4055	an..3	C	DELIVERY OR TRANSPORT TERMS FUNCTION CODE	R	**6** = Delivery condition
4215	an..3	C	TRANSPORT CHARGES PAYMENT METHOD CODE	O	**CC** = Collect *A shipment on which freight charges will be paid by the consignee*
					PP = Prepaid (by seller)
C100		C	TERMS OF DELIVERY OR TRANSPORT	R	
4053	an..3	C	Delivery or transport terms description code	R	Incoterms code list: Group E - Departure
					EXW = Ex Works (... named place)
					Group F - Main carriage unpaid
					FAS = Free Along Ship (... named port of shipment)
					FCA = Free Carrier (... named place)
					FOB = Free On Board (... named port of shipment)
					Group C - Main carriage paid
					CFR = Cost and Freight
					CIF = Cost, Insurance, Freight (... named port of destination)
					CIP = Carriage and Insurance Paid to (... named place of destination)
					CPT = Carriage Paid To (... named place of destination)
					Group D - Arrival
					DAF = Delivered At frontier (... named place)
					DDP = Delivered Duty Paid (... named place of destination)
					DDU = Delivered Duty Unpaid (... named place of destination)
					DEQ = Delivered Ex Quay (Duty paid) (... named port of destination)
					DES = Delivered Ex Ship (... named port of destination)
					If not applicable, use code from another appropriate code set in DE 4053 in combination with DE 1131/3055.
1131	an..17	C	Code list identification code	D	
3055	an..3	C	Code list responsible agency code	D	
4052	an..70	C	Delivery or transport terms description	N	
4052	an..70	C	Delivery or transport terms description	N	

SG13   TOD-LOC

LOC   Place/location identification

Function: A segment identifying a location or place required for the terms of delivery.
Usage :   D 1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
3227	an..3	M	LOCATION FUNCTION CODE QUALIFIER	M	**1** = Place of terms of delivery
C517		C	LOCATION IDENTIFICATION	R	
3225	an..35	C	Location identifier	R	Use UN/ECE Recommendation no.16, UNLOCODE. If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.
1131	an..17	C	Code list identification code	D	
3055	an..3	C	Code list responsible agency code	D	**3** = IATA (International Air Transport Association) **91** = Assigned by seller or seller's agent **92** = Assigned by buyer or buyer's agent
3224	an..256	C	Location name	N	
C519		C	RELATED LOCATION ONE IDENTIFICATION	N	
3223	an..35	C	First related location identifier	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
3222	an..70	C	First related location name	N	
C553		C	RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..35	C	Second related location identifier	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
3232	an..70	C	Second related location name	N	
5479	an..3	C	RELATION CODE	N	

SG14   PAC-SG15

PAC   Package

Function: A segment specifying the type of shippable packages.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
7224	n..8	C	PACKAGE QUANTITY	N	
C531		C	PACKAGING DETAILS	N	
7075	an..3	C	Packaging level code	N	
7233	an..3	C	Packaging related description code	N	
7073	an..3	C	Packaging terms and conditions code	N	
C202		C	PACKAGE TYPE	R	
7065	an..17	C	Package type description code	R	**BA** = Barrel
					BE = Bundle
					BG = Bag
					BX = Box
					CG = Cage
					CN = Container, not otherwise specified as transport equipment
					CR = Crate
					CS = Case
					CT = Carton
					DR = Drum
					EN = Envelope
					NE = Unpacked or unpackaged
					PC = Parcel
					PK = Package
					PX = Pallet
					RL = Reel
					SW = Shrinkwrapped
					TU = Tube
1131	an..17	C	Code list identification code	D	
3055	an..3	C	Code list responsible agency code	D	
7064	an..35	C	Type of packages	N	
C402		C	PACKAGE TYPE IDENTIFICATION	N	
7077	an..3	M	Description format code	N	
7064	an..35	M	Type of packages	N	
7143	an..3	C	Item type identification code	N	
7064	an..35	C	Type of packages	N	
7143	an..3	C	Item type identification code	N	
C532		C	RETURNABLE PACKAGE DETAILS	N	
8395	an..3	C	Returnable package freight payment responsibility code	N	
8393	an..3	C	Returnable package load contents code	N	

SG15   PCI

PCI   Package identification

Function: A segment specifying the buyer's markings and labelling instructions.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
4233	an..3	C	MARKING INSTRUCTIONS CODE	O	**16** = Buyer's instructions
C210		C	MARKS & LABELS	R	
7102	an..35	M	Shipping marks description	M	Marking instruction
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
8169	an..3	C	FULL OR EMPTY INDICATOR CODE	N	
C827		C	TYPE OF MARKING	N	
7511	an..3	M	Marking type code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	

SG20   ALC-SG22-SG23-SG25

ALC   Allowance or charge

Function: A segment specifying an allowance or charge, its settlement and calculation sequence.
Usage   :   M1
Notes   :   If an allowance or charge is previously agreed, CO C552 is used to convey this. If an allowance or charge is required at the time of order change, use CO C214. These data elements cannot be used in the same segment occurrence. Use DE 1227 to specify sequence of calculation if more than one ALC segment is used.

Ref.	Rep.		Name		EDIFICE Utilisation
5463	an..3	M	ALLOWANCE OR CHARGE CODE QUALIFIER	M	**A** = Allowance **C** = Charge
C552		C	ALLOWANCE/CHARGE INFORMATION	D	Either DE 1230 or DE 5189 has to be used.
1230	an..35	C	Allowance or charge identifier	D	
5189	an..3	C	Allowance or charge identification code	D	
4471	an..3	C	SETTLEMENT MEANS CODE	D	**5** = Charge to be paid by vendor **6** = Charge to be paid by customer Use this if DE 5463 indicates 'Charge'
1227	an..3	C	CALCULATION SEQUENCE CODE	D	To specify the sequence in which an allowance or charge is calculated. The number must be in ascending order, with no gaps and starting from 1. The basis for calculation of the first allowance or charge is the total line items amount. The basis for calculation of any subsequent allowance or charge is the amount resulting from the previous calculation.
C214		C	SPECIAL SERVICES IDENTIFICATION	D	
7161	an..3	C	Special service description code	M	See UN/EDIFACT code list
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
7160	an..35	C	Special service description	N	
7160	an..35	C	Special service description	N	

PCD   Percentage details

Function: A segment specifying an allowance or charge percentage.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C501		M	PERCENTAGE DETAILS	M	
5245	an..3	M	Percentage type code qualifier	M	**3** = Monetary amount adjustment percentage
5482	n..10	C	Percentage	R	
5249	an..3	C	Percentage basis identification code	R	Refer to UN/EDIFACT code list 5249
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
4405	an..3	C	STATUS DESCRIPTION CODE	N	

SG23   MOA

MOA   Monetary amount

Function: A segment specifying the total monetary amount.
Usage :   M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C516		M	MONETARY AMOUNT	M	
5025	an..3	M	Monetary amount type code qualifier	M	**8** = Allowance or charge amount
5004	n..35	C	Monetary amount	R	Total amount
6345	an..3	C	Currency identification code	N	
6343	an..3	C	Currency type code qualifier	N	
4405	an..3	C	Status description code	N	

SG25   TAX

TAX   Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate.
Usage :   M1
Notes :   CO C243 is not used when DE 5305 = 'E'.

Ref.	Rep.		Name		EDIFICE Utilisation
5283	an..3	M	DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER	M	**7** = Tax
C241		C	DUTY/TAX/FEE TYPE	R	
5153	an..3	C	Duty or tax or fee type name code	R	**VAT** = Value added tax
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5152	an..35	C	Duty or tax or fee type name	N	
C533		C	DUTY/TAX/FEE ACCOUNT DETAIL	N	
5289	an..6	M	Duty or tax or fee account code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5286	an..15	C	DUTY OR TAX OR FEE ASSESSMENT BASIS QUANTITY	N	
C243		C	DUTY/TAX/FEE DETAIL	D	
5279	an..7	C	Duty or tax or fee rate code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5278	an..17	C	Duty or tax or fee rate	R	Tax rate
5273	an..12	C	Duty or tax or fee rate basis code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5305	an..3	C	DUTY OR TAX OR FEE CATEGORY CODE	R	**AA** = Lower rate *VAT at a lower rate than standard rate* **E** = Exempt from tax **S** = Standard rate **Z** = Zero rated goods
3446	an..20	C	PARTY TAX IDENTIFIER	N	
1227	an..3	C	CALCULATION SEQUENCE CODE	N	
5307	an..3	C	TAX OR DUTY OR FEE PAYMENT DUE DATE CODE	N	

SG28   LIN-PIA-IMD-QTY-ALI-FTX-SG33-SG34-SG35-SG39-SG40-SG44-SG54

LIN   Line item

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

Ref.	Rep.		Name		EDIFICE Utilisation
1082	an..6	C	LINE ITEM IDENTIFIER	R	It is required to assign a number to the line items within a message. The number is assigned by the sender of the message. The first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line.
1229	an..3	C	ACTION CODE	R	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 SG34. If no reference to a previously sent or received message exists in SG34, the referenced message is the original Purchase Order.
C212		C	ITEM NUMBER IDENTIFICATION	A	
7140	an..35	C	Item identifier	R	Primary reference
7143	an..3	C	Item type identification code	R	**BP** = Buyer's part number **EN** = International Article Numbering Association (EAN) **MF** = Manufacturer's (producer's) article number **SRV** = EAN.UCC Global Trade Item Number **SSS** = Distributor's article identifier *Relaces EDIFICE code DI=Distributor's part number* **UP** = UPC (Universal product code) **VP** = Vendor's (seller's) part number
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	R	**9** = GS1 **89** = Assigned by distributor **90** = Assigned by manufacturer **91** = Assigned by seller or seller's agent **92** = Assigned by buyer or buyer's agent **113** = GS1 US
C829		C	SUB-LINE INFORMATION	N	
5495	an..3	C	Sub-line indicator code	N	
1082	an..6	C	Line item identifier	N	
1222	n..2	C	CONFIGURATION LEVEL NUMBER	N	
7083	an..3	C	CONFIGURATION OPERATION CODE	N	

PIA   Additional product id

Function: A segment providing additional identification numbers for the line item.
Usage   :   D..10
Notes   :   This segment is also used for acknowledging the item substitution as proposed in the preceding Purchase Order Response. If the substitution is accepted by the buyer, the substitution item merely replaces the previous secondary item number in the PIA segment. If not accepted, corrective action should take place via other means than EDI.
The 5 internal repetitions of CO C212 may be used, but EDIFICE recommends to only use the first occurrence.

Ref.	Rep.		Name		EDIFICE Utilisation
4347	an..3	M	PRODUCT IDENTIFIER CODE QUALIFIER	M	**1** = Additional identification
C212		M	ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C	Item identifier	R	
7143	an..3	C	Item type identification code	R	**AA** = Product version number *Release number of a product* **BP** = Buyer's part number **CL** = Colour number **CV** = Customs article number **DR** = Drawing revision number **DW** = Drawing **EC** = Engineering change level **EN** = International Article Numbering Association (EAN) **GS** = General specification number **MF** = Manufacturer's (producer's) article number **MN** = Model number **SG** = Standard group of products (mixed assortment) **SN** = Serial number **SRV** = EAN.UCC Global Trade Item Number **SSS** = Distributor's article identifier *Replaces EDIFICE code DI=Distributor's part number* **UP** = UPC (Universal product code) **VP** = Vendor's (seller's) part number **VX** = Vendor specification number
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	R	**9** = GS1 **89** = Assigned by distributor **90** = Assigned by manufacturer **91** = Assigned by seller or seller's agent **92** = Assigned by buyer or buyer's agent **113** = GS1 US
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item identifier	R	
7143	an..3	C	Item type identification code	R	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	R	
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item identifier	R	
7143	an..3	C	Item type identification code	R	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	R	
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item identifier	R	
7143	an..3	C	Item type identification code	R	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	R	
C212		C	ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C	Item identifier	R	
7143	an..3	C	Item type identification code	R	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	R	

SG28   LIN-PIA-IMD-QTY-ALI-FTX-SG33-SG34-SG35-SG39-SG40-SG44-SG54

IMD   Item description

Function: A segment specifying ship to stock or ship to line quality and/or an additional description in clear or coded form, for the line item.
Usage :   D 1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
7077	an..3	C	DESCRIPTION FORMAT CODE	D	**C** = Code (from industry code list) **F** = Free-form
C272		C	ITEM CHARACTERISTIC	C	
7081	an..3	C	Item characteristic code	O	**3** = Ship to stock **26** = Ship to line
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
C273		C	ITEM DESCRIPTION	D	Use DE 7009 for a coded description. If no code is available use DE 7008 instead.
7009	an..17	C	Item description code	A	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
7008	an..256	C	Item description	D	
7008	an..256	C	Item description	O	
3453	an..3	C	Language name code	N	
7383	an..3	C	SURFACE OR LAYER CODE	N	

QTY   Quantity

Function: A segment specifying non-scheduled related quantity information for the line item.
Usage   :   D..3
Notes   :   The measure unit qualifier used in DE 6411 applies to all the underlying QTY segments.

Ref.	Rep.		Name		EDIFICE Utilisation
C186		M	QUANTITY DETAILS	M	
6063	an..3	M	Quantity type code qualifier	M	**3** = Cumulative quantity
					This is the sum of the underlying QTY segments of SG55, which reflect the new, proposed order schedule.
					70 = Cumulative quantity received
					73 = Outstanding quantity
					Deliveries still outstanding at the time of generation of the message.
6060	an..35	M	Quantity	M	
6411	an..8	C	Measurement unit code	R	**CLT** = centilitre
					CMT = centimetre
					GRM = gram
					H87 = piece
					KGM = kilogram
					LTR = litre
					MGM = milligram
					MMT = millimetre
					MTK = square metre
					MTQ = cubic metre
					MTR = metre
					PCE = piece (*)
					EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87'
					(*) EDIFICE code
					Other codes should be previously agreed between trading partners.

SG28   LIN-PIA-IMD-QTY-ALI-FTX-SG33-SG34-SG35-SG39-SG40-SG44-SG54

ALI   Additional information

Function: A segment indicating the country of origin for the line item.
Usage   :   O 1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
3239	an..3	C	COUNTRY OF ORIGIN IDENTIFIER	R	Use ISO 3166, 2 alpha code
9213	an..3	C	DUTY REGIME TYPE CODE	N	
4183	an..3	C	SPECIAL CONDITION CODE	N	
4183	an..3	C	SPECIAL CONDITION CODE	N	
4183	an..3	C	SPECIAL CONDITION CODE	N	
4183	an..3	C	SPECIAL CONDITION CODE	N	
4183	an..3	C	SPECIAL CONDITION CODE	N	

SG28   LIN-PIA-IMD-QTY-ALI-FTX-SG33-SG34-SG35-SG39-SG40-SG44-SG54

FTX   Free text

Function: A segment providing free form or coded text information for the line item.
Usage   :   O 1
Notes   :   EDIFICE recommends not to use FTX segments.
            Where possible, use CO C107 rather than CO C108.

Ref.	Rep.		Name		EDIFICE Utilisation
4451	an..3	M	TEXT SUBJECT CODE QUALIFIER	M	**LIN** = Line item
4453	an..3	C	FREE TEXT FUNCTION CODE	R	**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
C107		C	TEXT REFERENCE	A	
4441	an..17	M	Free text description code	M	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
C108		C	TEXT LITERAL	D	
4440	an..512	M	Free text	M	
4440	an..512	C	Free text	O	
4440	an..512	C	Free text	O	
4440	an..512	C	Free text	O	
4440	an..512	C	Free text	O	
3453	an..3	C	LANGUAGE NAME CODE	N	
4447	an..3	C	FREE TEXT FORMAT CODE	N	

SG33   PRI

PRI   Price details

Function: A segment specifying the line item price and the qualifying information.
Usage :   M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C509		C	PRICE INFORMATION	R	
5125	an..3	M	Price code qualifier	M	**AAA** = Calculation net
					AAB = Calculation gross
					Allowances and charges to be applied to the gross price and must be provided in the ALC segment
5118	n..15	C	Price amount	R	
5375	an..3	C	Price type code	R	**CA** = Catalogue
					CT = Contract
					DI = Distributor
					PV = Provisional price
					QT = Quoted
5387	an..3	C	Price specification code	N	
5284	n..9	C	Unit price basis quantity	R	
6411	an..8	C	Measurement unit code	R	**CLT** = centilitre
					CMT = centimetre
					GRM = gram
					H87 = piece
					KGM = kilogram
					LTR = litre
					MGM = milligram
					MMT = millimetre
					MTK = square metre
					MTQ = cubic metre
					MTR = metre
					PCE = piece (*)
					EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87'
					(*) EDIFICE code
					Other codes should be previously agreed between trading partners.
5213	an..3	C	SUB-LINE ITEM PRICE CHANGE OPERATION CODE	N	

SG34   RFF-DTM

RFF   Reference

Function: A segment specifying the line item reference number as given by the buyer, or a document reference number.

Usage   :   M1

Notes   :   Where the buyer's line item reference number is to be specified use DE 1156 qualified by code 'LI' in DE 1153.
For all other references use DE 1154 with the relevant qualifier. If this information is given at header level it must not appear here.

Reference to the preceding message for the line item should be given here. Only if mutually agreed between trading partners and if this reference is the same for all line items may it be given at header level in the RFF segment in SG1 and not here.

If a line item is added the relevant contract and/or quote number should be specified here or at header level.

Ref.	Rep.		Name		EDIFICE Utilisation
C506		M	REFERENCE	M	
1153	an..3	M	Reference code qualifier	M	**AAA** = Order acknowledgement document identifier
					Reference to the seller's Purchase Order Response number for the line item
					AAD = Contract document addendum identifier
					BO = Blanket order number
					CT = Contract number
					GC = Government contract number
					JB = Job number
					LI = Document line identifier
					Buyer's original line item number
					PP = Purchase order change number
					Reference number assigned by a buyer for a revision of a purchase order for the line item
					PR = Price quote number
1154	an..70	C	Reference identifier	D	
1156	an..6	C	Document line identifier	D	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.
					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.
1056	an..9	C	Version identifier	N	
1060	an..6	C	Revision identifier	N	

SG34   RFF-DTM

DTM   Date/time/period

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

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

SG35   PAC-QTY-SG37

PAC   Package

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

Ref.	Rep.		Name		EDIFICE Utilisation
7224	n..8	C	PACKAGE QUANTITY	N	
C531		C	PACKAGING DETAILS	N	
7075	an..3	C	Packaging level code	N	
7233	an..3	C	Packaging related description code	N	
7073	an..3	C	Packaging terms and conditions code	N	
C202		C	PACKAGE TYPE	R	
7065	an..17	C	Package type description code	R	**BA** = Barrel
					BB = Bobbin
					BE = Bundle
					BG = Bag
					BQ = Bottle, protected cylindrical
					BV = Bottle, protected bulbous
					BX = Box
					CG = Cage
					CN = Container, not otherwise specified as transport equipment
					CR = Crate
					CS = Case
					CT = Carton
					CX = Can, cylindrical
					DR = Drum
					EN = Envelope
					NE = Unpacked or unpackaged
					PC = Parcel
					PK = Package
					PU = Tray pack *Replaces code TRY90*
					PX = Pallet
					RL = Reel *Replaces code REL90*
					RO = Roll
					SW = Shrinkwrapped
					TN = Tin
					TU = Tube
					Other codes should be previously agreed between trading partners.
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	D	Only used if codes are taken from external code list
7064	an..35	C	Type of packages	N	
C402		C	PACKAGE TYPE IDENTIFICATION	N	
7077	an..3	M	Description format code	N	
7064	an..35	M	Type of packages	N	
7143	an..3	C	Item type identification code	N	
7064	an..35	C	Type of packages	N	
7143	an..3	C	Item type identification code	N	
C532		C	RETURNABLE PACKAGE DETAILS	N	
8395	an..3	C	Returnable package freight payment responsibility code	N	
8393	an..3	C	Returnable package load contents code	N	

SG35   PAC-QTY-SG37

QTY   Quantity

Function: A segment specifying the number of products contained in the package type.
Usage   :   O 1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C186		M	QUANTITY DETAILS	M	
6063	an..3	M	Quantity type code qualifier	M	**52** = Quantity per pack
6060	an..35	M	Quantity	M	
6411	an..8	C	Measurement unit code	N	

SG37   PCI

PCI   Package identification

Function: A segment specifying the buyer's marking and labelling instructions.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
4233	an..3	C	MARKING INSTRUCTIONS CODE	O	**16** = Buyer's instructions
C210		C	MARKS & LABELS	R	
7102	an..35	M	Shipping marks description	M	Marking and labelling instruction
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
7102	an..35	C	Shipping marks description	O	
8169	an..3	C	FULL OR EMPTY INDICATOR CODE	N	
C827		C	TYPE OF MARKING	N	
7511	an..3	M	Marking type code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	

SG39   TAX

TAX   Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate for the line item.
Usage   :   M1
Notes   :   CO C243 is not used when DE 5305 = 'E'.

Ref.	Rep.		Name		EDIFICE Utilisation
5283	an..3	M	DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER	M	**7** = Tax
C241		C	DUTY/TAX/FEE TYPE	R	
5153	an..3	C	Duty or tax or fee type name code	R	**VAT** = Value added tax
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5152	an..35	C	Duty or tax or fee type name	N	
C533		C	DUTY/TAX/FEE ACCOUNT DETAIL	N	
5289	an..6	M	Duty or tax or fee account code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5286	an..15	C	DUTY OR TAX OR FEE ASSESSMENT BASIS QUANTITY	N	
C243		C	DUTY/TAX/FEE DETAIL	D	
5279	an..7	C	Duty or tax or fee rate code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5278	an..17	C	Duty or tax or fee rate	R	Tax rate
5273	an..12	C	Duty or tax or fee rate basis code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5305	an..3	C	DUTY OR TAX OR FEE CATEGORY CODE	R	**AA** = Lower rate *VAT at a lower rate than standard rate* **E** = Exempt from tax **S** = Standard rate **Z** = Zero rated goods
3446	an..20	C	PARTY TAX IDENTIFIER	N	
1227	an..3	C	CALCULATION SEQUENCE CODE	N	
5307	an..3	C	TAX OR DUTY OR FEE PAYMENT DUE DATE CODE	N	

SG40   NAD-SG42

NAD   Name and address

Function: A segment identifying either the buyer as the party requesting the certificates, the manufacturer's code, the buyer (distributor's) end customer or the ultimate destination party, for the line item.

Usage   :   M1

Notes   :   CO82 is used only :
If DE 3035 = 'MF' then DE 3039 specifies the manufacturer's code
If DE 3035 = 'MA' or 'PC' then DE 3039 specifies the end customer number; 'PC' is used for pricing purposes and 'MA' to indicate the ultimate destination party.

Ref.	Rep.		Name		EDIFICE Utilisation
3035	an..3	M	PARTY FUNCTION CODE QUALIFIER	M	**BY** = Buyer
					MA = Party for whom item is ultimately intended
					MF = Manufacturer of goods
					PC = Actual purchaser's customer
C082		C	PARTY IDENTIFICATION DETAILS	D	
3039	an..35	M	Party identifier	M	Manufacturer's code when DE 3035 = 'MF'
					End customer number when DE 3035 = 'MA' or 'PC'
1131	an..17	C	Code list identification code	D	
3055	an..3	C	Code list responsible agency code	R	**9** = GS1
					16 = US, D&B (Dun & Bradstreet Corporation)
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
C058		C	NAME AND ADDRESS	N	
3124	an..35	M	Name and address description	N	
3124	an..35	C	Name and address description	N	
3124	an..35	C	Name and address description	N	
3124	an..35	C	Name and address description	N	
3124	an..35	C	Name and address description	N	
C080		C	PARTY NAME	N	
3036	an..70	M	Party name	N	
3036	an..70	C	Party name	N	
3036	an..70	C	Party name	N	
3036	an..70	C	Party name	N	
3036	an..70	C	Party name	N	
3045	an..3	C	Party name format code	N	
C059		C	STREET	N	
3042	an..35	M	Street and number or post office box identifier	N	
3042	an..35	C	Street and number or post office box identifier	N	
3042	an..35	C	Street and number or post office box identifier	N	
3042	an..35	C	Street and number or post office box identifier	N	
3164	an..35	C	CITY NAME	N	
C819		C	COUNTRY SUBDIVISION DETAILS	N	
3229	an..9	C	Country subdivision identifier	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
3228	an..70	C	Country subdivision name	N	
3251	an..17	C	POSTAL IDENTIFICATION CODE	N	
3207	an..3	C	COUNTRY IDENTIFIER	N	

DOC

DOC   Document/message details

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

Ref.	Rep.		Name		EDIFICE Utilisation
C002		M	DOCUMENT/MESSAGE NAME	M	
1001	an..3	C	Document name code	R	**2** = Certificate of conformity
					861 = Certificate of origin
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
1000	an..35	C	Document name	N	
C503		C	DOCUMENT/MESSAGE DETAILS	N	
1004	an..70	C	Document identifier	N	
1373	an..3	C	Document status code	N	
1366	an..70	C	Document source description	N	
3453	an..3	C	Language name code	N	
1056	an..9	C	Version identifier	N	
1060	an..6	C	Revision identifier	N	
3153	an..3	C	COMMUNICATION MEDIUM TYPE CODE	N	
1220	n..2	C	DOCUMENT COPIES REQUIRED QUANTITY	O	
1218	n..2	C	DOCUMENT ORIGINALS REQUIRED QUANTITY	N	

SG44   ALC-SG45-SG46-SG47-SG49

ALC   Allowance or charge

Function: A segment specifying an allowance or charge, its settlement and calculation sequence.
Usage   :   M1
Notes   :   If an allowance or charge is previously agreed, CO C552 is used to convey this. If an allowance or charge is
            required at the time of ordering, use CO C214. These data elements cannot be used in the same segment
            occurrence. Use DE 1227 to specify sequence of calculation if more than one ALC segment is used.

Ref.	Rep.		Name		EDIFICE Utilisation
5463	an..3	M	ALLOWANCE OR CHARGE CODE QUALIFIER	M	**A** = Allowance **C** = Charge
C552		C	ALLOWANCE/CHARGE INFORMATION	D	Either DE 1230 or DE 5189 has to be used.
1230	an..35	C	Allowance or charge identifier	D	
5189	an..3	C	Allowance or charge identification code	D	
4471	an..3	C	SETTLEMENT MEANS CODE	D	**5** = Charge to be paid by vendor **6** = Charge to be paid by customer Use this if DE 5463 indicates 'Charge'.
1227	an..3	C	CALCULATION SEQUENCE CODE	D	To specify the sequence in which an allowance or charge is calculated. The number must be in ascending order, with no gaps and starting from 1. The basis for calculation of the first allowance or charge is the amount for the line item. The basis for calculation of any subsequent allowance or charge is the amount for the line item resulting from the previous calculation.
C214		C	SPECIAL SERVICES IDENTIFICATION	D	
7161	an..3	C	Special service description code	M	See UN/EDIFACT code list
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
7160	an..35	C	Special service description	N	
7160	an..35	C	Special service description	N	

SG45   QTY

QTY   Quantity

Function: A segment specifying the ordered quantity as the basis for an allowance or charge.
Usage   :   M1
Notes   :

Ref. Rep. Name		EDIFICE Utilisation
C186 M QUANTITY DETAILS	M	
6063 an..3 M Quantity type code qualifier	M	**21** = Ordered quantity
6060 an..35 M Quantity	M	
6411 an..8 C Measurement unit code	N	

PCD

PCD   Percentage details

Function: A segment specifying an allowance or charge percentage.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C501		M	PERCENTAGE DETAILS	M	
5245	an..3	M	Percentage type code qualifier	M	**3** = Monetary amount adjustment percentage
5482	n..10	C	Percentage	R	
5249	an..3	C	Percentage basis identification code	R	Refer to UN/EDIFACT code list 5249
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
4405	an..3	C	STATUS DESCRIPTION CODE	N	

SG47   MOA

MOA   Monetary amount

Function: A segment specifying a monetary amount.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C516		M	MONETARY AMOUNT	M	
5025	an..3	M	Monetary amount type code qualifier	M	**8** = Allowance or charge amount
5004	n..35	C	Monetary amount	R	Total amount
6345	an..3	C	Currency identification code	N	
6343	an..3	C	Currency type code qualifier	N	
4405	an..3	C	Status description code	N	

SG49   TAX

TAX   Duty/tax/fee details

Function: A segment specifying Value Added Tax, category and rate.
Usage   : M1
Notes   : CO C243 is not used when DE 5305 = 'E'.

Ref.	Rep.		Name		EDIFICE Utilisation
5283	an..3	M	DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER	M	**7** = Tax
C241		C	DUTY/TAX/FEE TYPE	R	
5153	an..3	C	Duty or tax or fee type name code	R	**VAT** = Value added tax
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5152	an..35	C	Duty or tax or fee type name	N	
C533		C	DUTY/TAX/FEE ACCOUNT DETAIL	N	
5289	an..6	M	Duty or tax or fee account code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5286	an..15	C	DUTY OR TAX OR FEE ASSESSMENT BASIS QUANTITY	N	
C243		C	DUTY/TAX/FEE DETAIL	D	
5279	an..7	C	Duty or tax or fee rate code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5278	an..17	C	Duty or tax or fee rate	R	Tax rate
5273	an..12	C	Duty or tax or fee rate basis code	N	
1131	an..17	C	Code list identification code	N	
3055	an..3	C	Code list responsible agency code	N	
5305	an..3	C	DUTY OR TAX OR FEE CATEGORY CODE	R	**AA** = Lower rate *VAT at a lower rate than standard rate* **E** = Exempt from tax **S** = Standard rate **Z** = Zero rated goods
3446	an..20	C	PARTY TAX IDENTIFIER	N	
1227	an..3	C	CALCULATION SEQUENCE CODE	N	
5307	an..3	C	TAX OR DUTY OR FEE PAYMENT DUE DATE CODE	N	

SCC

SCC   Scheduling conditions

Function: A segment specifying a firm delivery.
Usage   :   M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
4017	an..3	M	DELIVERY PLAN COMMITMENT LEVEL CODE	M	**1** = Firm
4493	an..3	C	DELIVERY INSTRUCTION CODE	N	
C329		C	PATTERN DESCRIPTION	N	
2013	an..3	C	Frequency code	N	
2015	an..3	C	Despatch pattern code	N	
2017	an..3	C	Despatch pattern timing code	N	

RFF

RFF   Reference

Function: A segment identifying the schedule reference number as given by the buyer.
Usage   :   D 1
Notes   :   Used if the identification of a specific delivery schedule by the buyer is needed.

Ref.	Rep.		Name		EDIFICE Utilisation
C506		M	REFERENCE	M	
1153	an..3	M	Reference code qualifier	M	**AAN** = Delivery schedule number *Reference number assigned by the buyer to a specific firm delivery schedule* *Replaces EDIFICE code FDS=Firm delivery schedule reference number*
1154	an..70	C	Reference identifier	R	
1156	an..6	C	Document line identifier	N	
1056	an..9	C	Version identifier	N	
1060	an..6	C	Revision identifier	N	

SG55   QTY-DTM

QTY   Quantity

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

Ref.	Rep.		Name		EDIFICE Utilisation
C186		M	QUANTITY DETAILS	M	
6063	an..3	M	Quantity type code qualifier	M	**18** = Previous quantity **21** = Ordered quantity
6060	an..35	M	Quantity	M	
6411	an..8	C	Measurement unit code	N	

DTM   Date/time/period

Function: A segment specifying the corresponding date of the quantity.
Usage   :   R 1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date or time or period function code qualifier	M	**2** = Delivery date/time, requested Date on which buyer requests goods to be delivered **10** = Shipment date/time, requested Date on which goods should be shipped or despatched by the supplier **42** = Superseded date/time
2380	an..35	C	Date or time or period text	R	
2379	an..3	C	Date or time or period format code	R	**102** = CCYYMMDD **203** = CCYYMMDDHHMM **205** = CCYYMMDDHHMMZHHMM *Replaces EDIFICE code X03=CCYYMMDDHHMMZZZZZ* **303** = CCYYMMDDHHMMZZZ *ZZZ = Time zone* **304** = CCYYMMDDHHMMSSZZZ *ZZZ = Time zone*

UNS   Section control

Function: A service segment separating detail and summary section.
Usage   :   M1
Notes   :

Ref.	Rep.	Name		EDIFICE Utilisation
0081	a1	M SECTION IDENTIFICATION	M	**S** = Detail/summary section separation

UNT   Message trailer

Function: A service segment ending, and providing information for checking the completeness of a message.
Usage   :   M1
Notes   :   Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDDS10

Ref.	Rep.		Name		EDIFICE Utilisation
0074	n..10	M	NUMBER OF SEGMENTS IN A MESSAGE	M	Count of all segments in the message, UNH and UNT included.
0062	an..14	M	MESSAGE REFERENCE NUMBER	M	Must be the same reference number as in DE 0062 of the UNH segment of this message.

EXAMPLES

Example 1: Original Purchase Order

UNB+UNOW:4+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+ORDERS++1+X+1'
UNH+1+ORDERS:D:10A:UN:EDPO10'
BGM+220+PO11223+9'
DTM+137:20101014:102'
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+2:20100204:102'
SCC+1'
QTY+21:1000'
DTM+2:20100304:102'
UNS+S'
UNT+24+1'
UNZ+1+66'

Example 2: Purchase Order Response

a) The line item is accepted with amendment:

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDRSP++1+X+1'
UNH+1+ORDRSP:D:10A:UN:EDOR10'
BGM+231+POR001+9'
DTM+137:20101015:102'
RFF+ON: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+2:20100204:102'
QTY+113:2200'
DTM+67:20100204:102'
SCC+1'
QTY+21:1000'
DTM+2:2010304:102'
QTY+113:1100'
DTM+67:20100304:102'
UNS+S'
UNT+26+1'
UNZ+1+66'

b) The line item is accepted without amendment:

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDRSP++1+X+1'
UNH+1+ORDRSP:D:97A:UN:EDOR06'
BGM+231+POR001+9'
DTM+137:20101015:102'
RFF+ON: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'
UNZ+1+66'

Example 3: Purchase Order Change Request

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

```
UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDCHG++1+X+1'
UNH+1+ORDCHG:D:10A:UN:EDOC10'
BGM+230+POC1+9'
DTM+137:20101020:102'
RFF+ON: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+3:3300:PCE'
PRI+AAA:5.50:CT::1:PCE'
RFF+LI::37'
RFF+AAA:POR001'
SCC+1'
QTY+18:2200'
DTM+42:20100204:102'
QTY+21:2200'
DTM+2:20100128:102'
SCC+1'
QTY+18:1100'
DTM+2:20100304:102'
UNS+S'
UNT+27+1'
UNZ+1+66'
```

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

```
UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDCHG++1+X+1'
UNH+1+ORDCHG:D:10A:UN:EDOC10'
BGM+230+POC1+9'
DTM+137:20101020:102'
RFF+ON: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'
UNZ+1+66'
```

c) Adding a line to the Original Purchase Order

```
UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDCHG++1+X+1'
UNH+1+ORDCHG:D:10A:UN:EDOC10'
BGM+230+POC1+9'
DTM+137:20101020:102'
RFF+ON: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+3:5000:PCE'
PRI+AAA:3.25:CT::1:PCE'
RFF+LI::85'
SCC+1'
QTY+21:5000'
DTM+2:20100223:102'
UNS+S'
UNT+22+1'
UNZ+1+66'
```

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

```
     1:                                          2:
     BGM+220+POnumber1+9'                        BGM+231+POresponsenumber1+9'
     RFF+CT:123456'                              RFF+ON:POnumber1'
     LIN+1++ArticleA:VP::92'                     LIN+1+6+ArticleA:VP::92'
     RFF+LI::75'                                 RFF+LI::75'
     SCC+1'                                      SCC+1'
a)   QTY+21:500'                            a)   QTY+21:500'
a)   DTM+2:100215:101'                      a)   DTM+2:940215:101'
     SCC+1'                                 d)   QTY+113:500'
b)   QTY+21:1250'                           d)   DTM+67:100222:101'
b)   DTM+2:100301:101'                           SCC+1'
     LIN+2++ArticleB:VP::92'               e)   QTY+113:1250'
     RFF+LI::93'                            e)   DTM+67:100301:101'
     SCC+1'                                 f)   LIN+2+5+ArticleB:VP::92'
c)   QTY+21:750'                                 RFF+LI::93'
c)   DTM+2:100215:101'                           UNS+S'
     UNS+S'

     3:                                          4:
     BGM+230+POchangenumber1+9'                  BGM+230+POchangenumber2+9'
     RFF+ON:POnumber1'                           RFF+ON:POnumber1'
     LIN+1+3+ArticleA:VP::92'                    LIN+1+3+ArticleB:VP::92'
     RFF+LI::75'                                 RFF+LI::93'
     RFF+AAA:POresponsenumber1'                  RFF+AAA:POresponsenumber1'
     SCC+1'                                      SCC+1'
g)   QTY+18:500'                            j)   QTY+18:750'
g)   DTM+2:100222:101'                      j)   DTM+42:100215:101'
     SCC+1'                                 k)   QTY+21:750'
h)   QTY+18:1250'                           k)   DTM+2:100208:101'
h)   DTM+42:100301:101'                          UNS+S'
i)   QTY+21:1500'
i)   DTM+2:100301:101'
     UNS+S'

     5:                                          6:
     BGM+231+POresponsenumber2+9'                BGM+231+POresponsenumber3+9'
     RFF+ON:POnumber1'                           RFF+ON: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+2:100208'                          n)   DTM+2:100222:101'
m)   QTY+113:750'                           o)   QTY+113:450'
m)   DTM+67:100212'                         o)   DTM+67:1040222:101'
     UNS+S'                                 o)   QTY+113:50'
                                            o)   DTM+67:100228:101'
                                                 SCC+1'
                                            p)   QTY+113:1500'
                                            p)   DTM+67:100301:101'
                                                 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, SG56 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 SG34.
- 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 SG34 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:

- 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.

- 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, SG55 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).

- 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, SG32 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:

- Line number 75, first schedule.
  The schedule is transmitted for positioning purposes (see section Remarks, SG54 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.

- 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.

- Line number 93.
  - j) shows situation "*". It has been retrieved from POresponsenumber1, 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 POresponsenumber1 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.

- 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.

- 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, SG54 in the ORDRSP documentation).

- Line number 75, second schedule
  - p) indicates that the schedule requested by the buyer in POchangenumber1 has been fully accepted by the seller.

- 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, SG32 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 SG34.