The European B2B Forum for the Electronics Industry

# EDIFICE Message Implementation Guideline

# Purchase Order Response

## ORDRSP Issue EDOR06

## Endorsed 15 June 2005

## Based on UN/EDIFACT D.97A ORDRSP Message

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## COMPARISON TO PREVIOUS ISSUE

Issue EDOR06 of 1 June 2005:
- Upgrade to UN/EDIFACT Code list D.04B
Replacement of EDIFICE codes with standard codes.
- SG32 - PAC - DE 7065:
  'CN' Container replaced with 'CN' Container, not otherwise specified as transport equipment
  'PE' Pallet replaced with 'PX' Pallet
- SG52 Notes
- SG52 - DTM - DE 2005:
  '68' Shipment date/time, current schedule replaced with '689' Shipping date and/or time, current schedule
  '100' No shipping schedule established as of date replaced with '688' Shipping date, no schedule established as of
- Added EDIFICE code
  SG52 - DTM - DE 2005:
  '758' Original schedule date
Correction of the examples according to the code changes.

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'.

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

Issue EDOR05 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 EDOR04 of 29 May 2002 : addition of recommended list of DTM qualifiers

Issue EDOR04 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, codes 'BO' Blanket order number and
  'VN' Order number (vendor)
  SG4, RFF segment, DE 1153, code 'GN' Government reference number
  SG6, COM segment, DE 3155, code 'EM' Electronic mail
  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
  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/segments:
  SG1, DTM segment
  SG21
  SG31, DTM segment
  SG42
  SG51, RFF segment
  SG53,

- 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),

- Deletion of the following code value:
  SG6, COM segment, DE 3155, code 'TL' Telex
  SG26, PIA segment, DE 7143, code 'CCM' COCOM list number,

- Usage changed for the following segment groups/segments/data elements:
  header FTX segment, CO C107, X to A
  header FTX segment, CO C108, R to D
  SG1, R..2 to R..3
  SG3, R2 to R..6
  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
  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, ALI segment, O1 to D1
  SG26, ALI segment, DE 3239, R to D
  SG26, ALI segment, 1st DE 4183, X to D
  SG26, FTX segment, CO C107, D to A
  SG26, FTX segment, CO C108, O to D
  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

Introduction

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

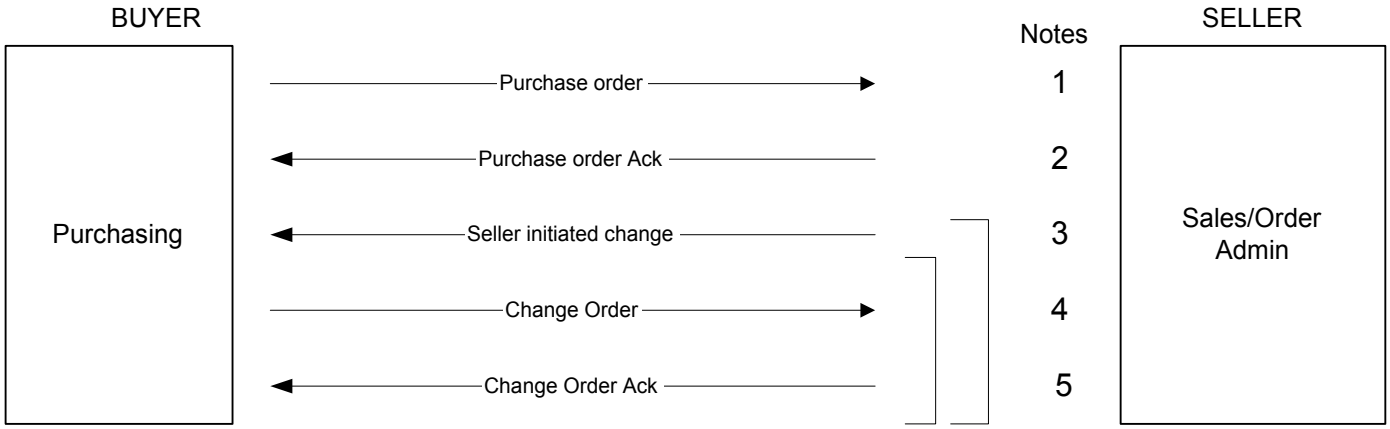
EDIFICE provides three interrelated messages for the purchase ordering process: The Purchase Order (ORDERS), the Purchase Order Change Request (ORDCHG) and the Purchase Order Response (ORDRSP). Together they are used to form a purchase order cycle.

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

EDI Business Architecture for the Order cycle

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

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




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

2 Seller responds with Order Response using ORDRSP.

3 Seller-initiated changes done via Order Response using ORDRSP.

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

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

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

5A Seller acknowledges Buyer-Initiated Change Orders via Order Response using ORDRSP. This ends the loop.

5B Seller acknowledges Change Orders issued by Buyer, as a result of Seller-initiated changes using 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 SG33).
- 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 SG33).
- 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 SG52, 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 SG52.

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 SG52 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 SG31.

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 SG31 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

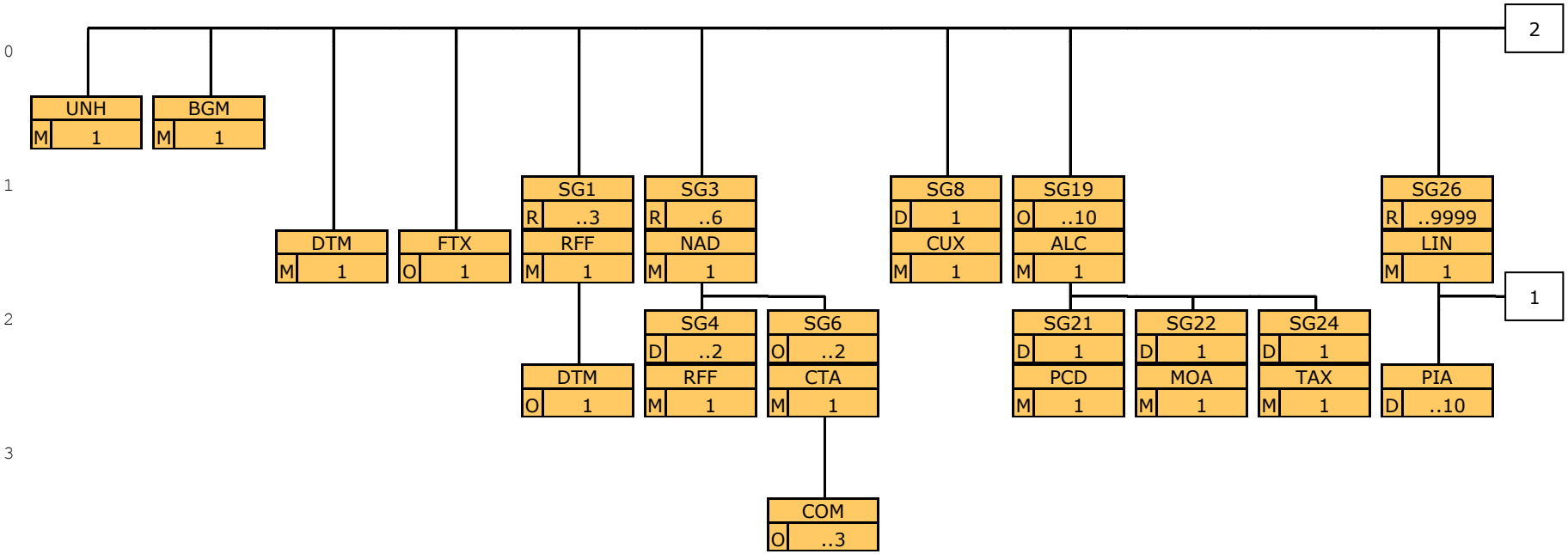
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

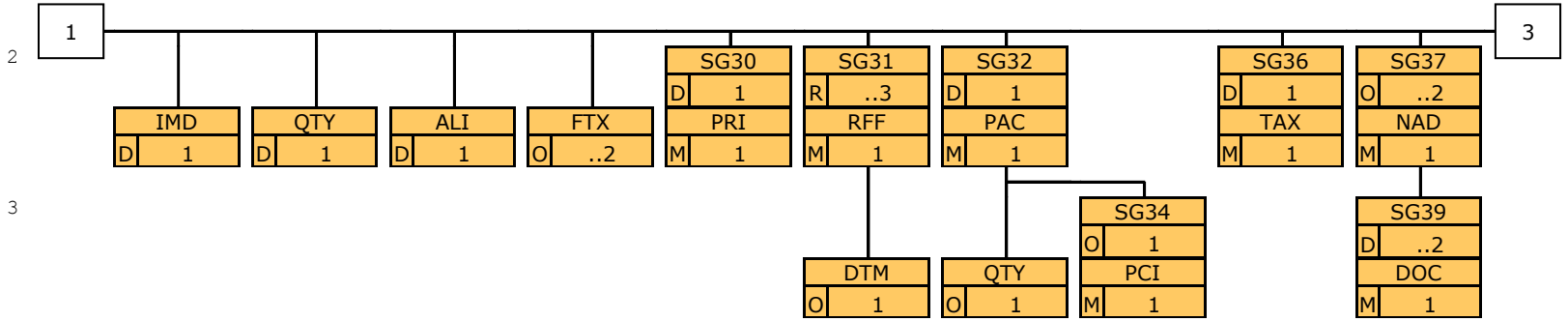
## MESSAGE STRUCTURE CHART

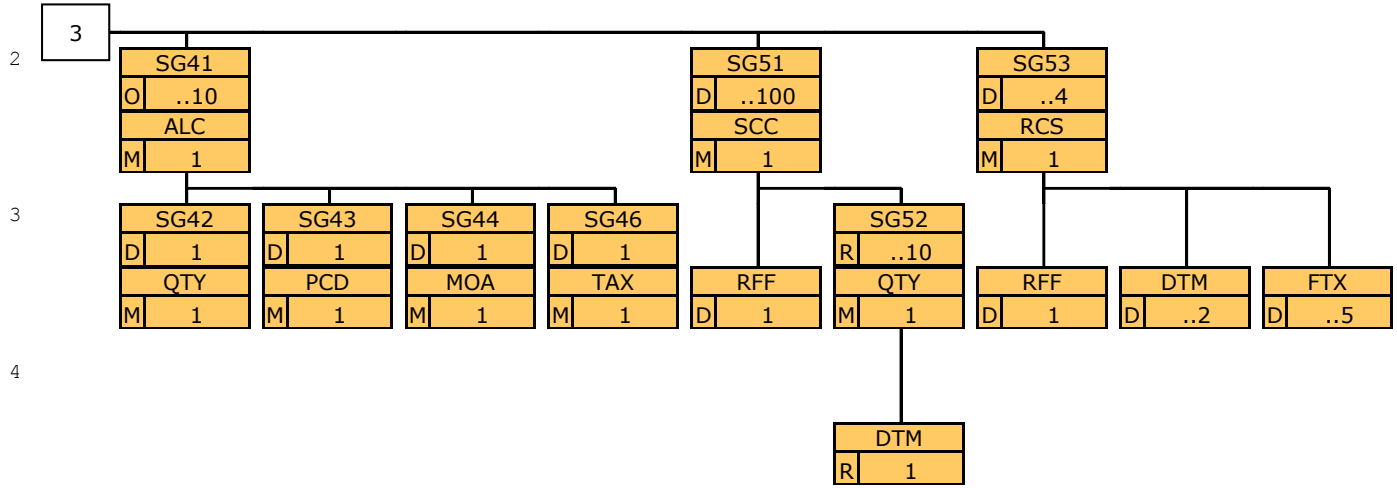
| | | | |
|---|---|---|---|
| | UNH | MESSAGE HEADER | M 1 |
| | BGM | BEGINNING OF MESSAGE | M 1 |
| | DTM | DATE/TIME/PERIOD | M 1 |
| | FTX | FREE TEXT | O 1 |
| ┌ | SG1 | | R ..3 |
| │ | RFF | REFERENCE | M 1 |
| └ | DTM | DATE/TIME/PERIOD | O 1 |
| ┌ | SG3 | | R ..6 |
| │ | NAD | NAME AND ADDRESS | M 1 |
| │ ┌ | SG4 | | D ..2 |
| │ └ | RFF | REFERENCE | M 1 |
| │ ┌ | SG6 | | O ..2 |
| │ │ | CTA | CONTACT INFORMATION | M 1 |
| └ │ | COM | COMMUNICATION CONTACT | O ..3 |
| ┌ | SG8 | | D 1 |
| └ | CUX | CURRENCIES | M 1 |
| ┌ | SG19 | | O ..10 |
| │ | ALC | ALLOWANCE OR CHARGE | M 1 |
| │ ┌ | SG21 | | D 1 |
| │ └ | PCD | PERCENTAGE DETAILS | M 1 |
| │ ┌ | SG22 | | D 1 |
| │ │ | MOA | MONETARY AMOUNT | M 1 |
| │ ┌ | SG24 | | D 1 |
| └ │ | TAX | DUTY/TAX/FEE DETAILS | M 1 |
| ┌ | SG26 | | R ..9999 |
| │ | LIN | LINE ITEM | M 1 |
| │ | PIA | ADDITIONAL PRODUCT ID | D ..10 |
| │ | IMD | ITEM DESCRIPTION | D 1 |
| │ | QTY | QUANTITY | D 1 |
| │ | ALI | ADDITIONAL INFORMATION | D 1 |
| │ | FTX | FREE TEXT | O ..2 |
| │ ┌ | SG30 | | D 1 |
| │ └ | PRI | PRICE DETAILS | M 1 |
| │ ┌ | SG31 | | R ..3 |
| │ │ | RFF | REFERENCE | M 1 |
| │ └ | DTM | DATE/TIME/PERIOD | O 1 |
| │ ┌ | SG32 | | D 1 |
| │ │ | PAC | PACKAGE | M 1 |
| │ │ | QTY | QUANTITY | O 1 |
| │ │ ┌ | SG34 | | O 1 |
| │ │ └ | PCI | PACKAGE IDENTIFICATION | M 1 |
| │ ┌ | SG36 | | D 1 |
| │ └ | TAX | DUTY/TAX/FEE DETAILS | M 1 |
| │ ┌ | SG37 | | O ..2 |
| │ │ | NAD | NAME AND ADDRESS | M 1 |
| │ │ ┌ | SG39 | | D ..2 |
| │ │ └ | DOC | DOCUMENT/MESSAGE DETAILS | M 1 |
| │ ┌ | SG41 | | O ..10 |
| │ │ | ALC | ALLOWANCE OR CHARGE | M 1 |
| │ │ ┌ | SG42 | | D 1 |
| │ │ └ | QTY | QUANTITY | M 1 |
| │ │ ┌ | SG43 | | D 1 |
| │ │ └ | PCD | PERCENTAGE DETAILS | M 1 |
| │ │ ┌ | SG44 | | D 1 |
| │ │ │ | MOA | MONETARY AMOUNT | M 1 |
| │ │ ┌ | SG46 | | D 1 |
| │ └ │ | TAX | DUTY/TAX/FEE DETAILS | M 1 |
| └ | SG51 | | D ..100 |

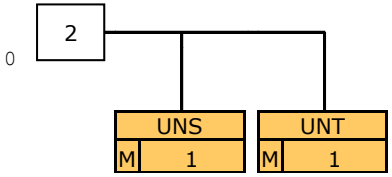
| | | | |
|---|---|---|---|
| | SCC | SCHEDULING CONDITIONS | M 1 |
| | RFF | REFERENCE | D 1 |
| ┌ | SG52 | | R ..10 |
| │ | QTY | QUANTITY | M 1 |
| └ | DTM | DATE/TIME/PERIOD | R 1 |
| ┌ | SG53 | | D ..4 |
| │ | RCS | REQUIREMENTS AND CONDITIONS | M 1 |
| │ | RFF | REFERENCE | D 1 |
| │ | DTM | DATE/TIME/PERIOD | D ..2 |
| └ | FTX | FREE TEXT | D ..5 |
| | UNS | SECTION CONTROL | M 1 |
| | UNT | MESSAGE TRAILER | M 1 |

## BRANCHING DIAGRAM




1
3
IMD
D 1
QTY
D 1
ALI
D 1
FTX
O ..2
SG30
D 1
PRI
M 1
SG31
R ..3
RFF
M 1
DTM
O 1
SG32
D 1
PAC
M 1
QTY
O 1
SG34
O 1
PCI
M 1
SG36
D 1
TAX
M 1
SG37
O ..2
NAD
M 1
SG39
D ..2
DOC
M 1


3
SG41
O ..10
ALC
M 1
SG42
D 1
QTY
M 1
SG43
D 1
PCD
M 1
SG44
D 1
MOA
M 1
SG46
D 1
TAX
M 1
SG51
D ..100
SCC
M 1
RFF
D 1
SG52
R ..10
QTY
M 1
DTM
R 1
SG53
D ..4
RCS
M 1
RFF
D 1
DTM
D ..2
FTX
D ..5


0
2
UNS
M
1
UNT
M
1

## SEGMENT GROUPS/SEGMENTS DESCRIPTION

### UNH MESSAGE HEADER

Function: A service segment heading, and uniquely identifying the message.
Usage: M1

### BGM BEGINNING OF MESSAGE

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

### DTM DATE/TIME/PERIOD

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

### FTX FREE TEXT

Function: A segment providing free form or coded text information, applicable to the whole message.
Usage: O1

### SG1 RFF-DTM

Function: A group of segments referencing documents and their dates, relating to the whole message.
Usage: R..3
Notes: A Purchase Order Response must refer to the original Purchase Order at header level.

Reference to a preceding received Purchase Order Change Request for each line item should be given at the
detail level in the RFF segment in SG31. Only if mutually agreed between trading partners and if this reference is the same for all line items it may be given here and not at detail level.

### RFF REFERENCE

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

### DTM DATE/TIME/PERIOD

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

### SG3 NAD-SG4-SG6

Function: A group of segments identifying the parties involved and their associated information, relevant to the whole
message.
Usage: R..6
Notes: The NAD segments that identify the buyer and the 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: M1

### 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: M1

**SG6 CTA-COM**

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

**CTA CONTACT INFORMATION**

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

**COM COMMUNICATION CONTACT**

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

**SG8 CUX**

Function: A group of segments specifying the currency, valid for the whole message.
Usage: D1
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: M1

**SG19 ALC-SG21-SG22-SG24**

Function: A group of segments specifying allowances and/or charges and related tax information, for the Purchase Order.
Usage: O..10
Notes: A proposed change by the seller 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.
SG21 is only used if the allowance or charge is percentage based.
SG22 is only used if the allowance or charge is an absolute monetary amount.
Use SG21 or SG22 but not both.
SG24 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: M1

**SG21 PCD**

Function: A group of segments specifying an allowance or charge as a percentage.
Usage: D1
Notes:

**PCD PERCENTAGE DETAILS**

Function: A segment specifying an allowance or charge percentage applying to the order value.
Usage: M1

**SG22 MOA**

Function: A group of segments specifying the total monetary amount for the allowance or charge.
Usage: D1
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

**SG24 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

**SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-SG36-SG37-SG41-SG51-SG53**

Function: A group of segments providing details of the individual line items i.e. ordered products or services.
Usage: R ..9999
Notes: When a line item 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 or segment groups of the referenced LIN need be transmitted except for the RFF segments specifying the original Purchase Order line number and a preceding message from the buyer, i.e. preceding Purchase Order Change Request document number.
When a referenced line is accepted with amendments, 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 the total of the scheduled quantities is, or needs to be, specified.
The ALI segment is dependent on legal requirements.
SG30 is used to acknowledge or specify a proposed change in the line item price.
SG32 is used to specify alternative packaging methods which have been agreed between trading partners.
SG36 is used if country law requires tax to be specified.
SG51 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 or substitute 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 the total quantity to be delivered for the line item.
Usage: D 1

**ALI ADDITIONAL INFORMATION**

Function: A segment indicating the country of origin or export restrictions for the line item.
Usage: D 1

**FTX FREE TEXT**

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

Usage: O..2

**SG30 PRI**

Function: A group of segments acknowledging or specifying a proposed change in the line item price.
Usage: D 1
Notes:

**PRI PRICE DETAILS**

Function: A segment acknowledging, or specifying a proposed change to the line item price and the qualifying information.
Usage: M 1

**SG31 RFF-DTM**

Function: A group of segments specifying references for the line item.
Usage: R ..3
Notes:

**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: O 1

**SG32 PAC-QTY-SG34**

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

**SG34 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

**SG36 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: M1

**SG37 NAD-SG39**

Function: A group of segments identifying the parties involved and their associated information, for the line item.
Usage: O..2
Notes: SG39 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 or the manufacturer's code, for the line item.
Usage: M1

**SG39 DOC**

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

**DOC DOCUMENT/MESSAGE DETAILS**

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

**SG41 ALC-SG42-SG43-SG44-SG46**

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.
SG42 is only used if the allowance or charge is quantity related.
SG43 is only used if the allowance or charge is percentage based.
SG44 is only used if the allowance or charge is an absolute monetary amount.
Use only one of SG42, SG43 and SG44.
SG46 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: M1

**SG42 QTY**

Function: A group of segments specifying quantity information for an allowance or charge.
Usage: D1
Notes:

**QTY QUANTITY**

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

**SG43 PCD**

Function: A group of segments specifying an allowance or charge as a percentage.
Usage: D1
Notes:

**PCD PERCENTAGE DETAILS**

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

**SG44 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

**SG46 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

**SG51 SCC-RFF-SG52**

Function: A group of segments specifying requested firm and proposed scheduling conditions.
Usage: D ..100
Notes: Trading partners must agree whether quantities previously ordered and received are included in the underlying QTY segments of SG52.
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 SG51 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 (SG26) in the Purchase Order Response message.
A single segment group SCC must always precede a single SG52, except when there is a proposal to split the 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.

**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

**SG52 QTY-DTM**

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

Notes: Where there is a proposed change to the delivery date and/or the quantity scheduled, it is recommended that there should be at least 2 occurrences of SG52, used in the following way:

1) Indicating the 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

2) Indicating the schedule as proposed by the seller:
QTY: DE 6063 '113' Quantity to be delivered
DTM: DE 2005 '67' Delivery date/time, current schedule
OR '688' Shipping date, no schedule established as of
OR '689' Shipping date and/or time, current schedule

In the case of a proposal to split the schedule, SG52 must be repeated as many times as needed (up to 9).

If the 'requested' schedule is accepted by the seller, only combination 2) is required.

If the schedule is transmitted for positioning purposes, only combination 2) is required.

If a schedule is proposed for cancellation, it is recommended that both combination 1) and 2) are present, with QTY DE 6060 of the proposed schedule carrying the value zero and DTM DE 2380 carrying the same value as the buyer's requested schedule date.

The occurrence indicating that no shipping schedule could be established, does not need to be confirmed by
the buyer by means of a Purchase Order Change Request message.

If the original Purchase Order is the only preceding message for the line item, the "schedule as requested by the buyer" (combination 1) is retrieved from there. If a Purchase Order Change Request 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 the Purchase Order Change Request is found in the RFF segment in SG31.

**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

**SG53 RCS-RFF-DTM-FTX**

Function: A group of segments specifying embargo information for the line item.
Usage: D ..4
Notes: The RFF and related DTM segments must be sent where required by local law.
The FTX segment must only be sent if local law requires text to accompany the embargo information.

**RCS REQUIREMENTS AND CONDITIONS**

Function: A segment identifying an embargo restriction for the electronics industry.
Usage: M 1

**RFF REFERENCE**

Function: A segment specifying a reference number to the embargo restriction.
Usage: D 1

**DTM DATE/TIME/PERIOD**

Function: A segment specifying a date of the reference number.
Usage: D ..2

**FTX FREE TEXT**

Function: A segment providing free form or coded text information related to the embargo restriction.

Usage: D..5

**UNS SECTION CONTROL**

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

**UNT MESSAGE TRAILER**

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

## SEGMENT DETAILS

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 EDSS04

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 0062 | an..14 | M | MESSAGE REFERENCE NUMBER | M | Transmission message count from 1 |
| S009 | | M | MESSAGE IDENTIFIER | M | |
| 0065 | an..6 | M | Message type identifier | M | ORDRSP = Purchase order response message |
| 0052 | an..3 | M | Message type version number | M | D = Draft version/UN/EDIFACT Directory |
| 0054 | an..3 | M | Message type release number | M | 97A = Release 1997 - A |
| 0051 | an..2 | M | Controlling agency | M | UN = UN/CEFACT |
| 0057 | an..6 | C | Association assigned code | R | EDOR06 = Purchase order response Issue EDOR06 |
| 0068 | an..35 | C | COMMON ACCESS REFERENCE | N | |
| S010 | | C | STATUS OF THE TRANSFER | N | |
| 0070 | n..2 | M | Sequence message transfer number | N | |
| 0073 | a1 | C | First/last sequence message transfer indication | N | |

## BGM BEGINNING OF MESSAGE

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

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| C002 | | C | DOCUMENT/MESSAGE NAME | R | |
| 1001 | an..3 | C | Document/message name, coded | R | 231 = Purchase order response |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 1000 | an..35 | C | Document/message name | N | |
| C106 | | C | DOCUMENT/MESSAGE IDENTIFICATION | R | |
| 1004 | an..35 | C | Document/message number | R | Purchase order response number |
| 1056 | an..9 | C | Version | N | |
| 1060 | an..6 | C | Revision number | N | |
| 1225 | an..3 | C | MESSAGE FUNCTION, CODED | R | 9 = Original<br>42 = Confirmation via specific means<br>For confirmation of a purchase order response already transmitted by other means |
| 4343 | an..3 | C | RESPONSE TYPE, CODED | 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/time/period qualifier | M | 137 = Document/message date/time<br>Date when the document is created |
| 2380 | an..35 | C | Date/time/period | R | Purchase order response date |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## 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 QUALIFIER | M | GEN = Entire transaction set |
| 4453 | an..3 | C | TEXT FUNCTION, CODED | R | 1 = Text for subsequent use<br>The occurrence of this text does not affect order processing<br>3 = Text for immediate use<br>Text must be read before processing the order |
| C107 | | C | TEXT REFERENCE | A | |
| 4441 | an..17 | M | Free text identification | M | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C108 | | C | TEXT LITERAL | D | |
| 4440 | an..70 | M | Free text | M | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 3453 | an..3 | C | LANGUAGE, CODED | N | |

## 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 qualifier | M | BO = Blanket order number<br>ON = Order number (purchase)<br>PP = Purchase order change number<br>Reference number assigned by a buyer for a revision of a purchase order<br>VN = Order number (vendor) |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | N | |
| 4000 | an..35 | C | Reference version number | N | |

## SG1 RFF-DTM

## DTM DATE/TIME/PERIOD

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

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

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

## 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 qualifier | M | VA = VAT registration number<br>Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT)<br>GN = Government reference number |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | N | |
| 4000 | an..35 | C | Reference version number | N | |

## 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, CODED | R | OC = Order contact<br>SC = Schedule contact |
| C056 | | C | DEPARTMENT OR EMPLOYEE DETAILS | R | If a code is available use DE 3413, otherwise use DE 3412. |
| 3413 | an..17 | C | Department or employee identification | D | |
| 3412 | an..35 | C | Department or employee | D | |

## SG6 CTA-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 number | M | |
| 3155 | an..3 | M | Communication channel qualifier | M | EM = Electronic mail<br>FX = Telefax<br>TE = Telephone |

## 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 details qualifier | M | 2 = Reference currency |
| 6345 | an..3 | C | Currency, coded | R | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C | Currency qualifier | R | 9 = Order currency |
| 6348 | n..4 | C | Currency rate base | N | |
| C504 | | C | CURRENCY DETAILS | N | |
| 6347 | an..3 | M | Currency details qualifier | N | |
| 6345 | an..3 | C | Currency, coded | N | |
| 6343 | an..3 | C | Currency qualifier | N | |
| 6348 | n..4 | C | Currency rate base | N | |
| 5402 | n..12 | C | RATE OF EXCHANGE | N | |
| 6341 | an..3 | C | CURRENCY MARKET EXCHANGE, CODED | N | |

## SG19 ALC-SG21-SG22-SG24

## 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 QUALIFIER | M | A = Allowance<br>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 number | D | |
| 5189 | an..3 | C | Charge/allowance description, coded | D | |
| 4471 | an..3 | C | SETTLEMENT, CODED | D | 5 = Charge to be paid by vendor<br>6 = Charge to be paid by customer<br>Use this if DE 5463 indicates 'Charge' |
| 1227 | an..3 | C | CALCULATION SEQUENCE INDICATOR, CODED | 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.<br>The basis for calculation of the first allowance or charge is the total line items amount.<br>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 services, coded | M | See UN/EDIFACT code list |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7160 | an..35 | C | Special service | N | |
| 7160 | an..35 | C | Special service | N | |

## SG21 PCD

### PCD PERCENTAGE DETAILS

Function: A segment specifying an allowance or charge percentage applying to the order value.
Usage : M1
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| C501 | | M | PERCENTAGE DETAILS | M | |
| 5245 | an..3 | M | Percentage qualifier | M | 3 = Allowance or charge |
| 5482 | n..10 | C | Percentage | R | |
| 5249 | an..3 | C | Percentage basis, coded | R | |
| 1131 | an..3 | C | Code list qualifier | R | OV = Order value (*)<br>Referenced percentage applies to the total order value.<br>(*) EDIFICE code |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |

## SG22 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 qualifier | M | 8 = Allowance or charge amount |
| 5004 | n..18 | C | Monetary amount | R | Total amount |
| 6345 | an..3 | C | Currency, coded | N | |
| 6343 | an..3 | C | Currency qualifier | N | |
| 4405 | an..3 | C | Status, coded | N | |

## SG24 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/TAX/FEE FUNCTION QUALIFIER | M | 7 = Tax |
| C241 | | C | DUTY/TAX/FEE TYPE | R | |
| 5153 | an..3 | C | Duty/tax/fee type, coded | R | VAT = Value added tax |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5152 | an..35 | C | Duty/tax/fee type | N | |
| C533 | | C | DUTY/TAX/FEE ACCOUNT DETAIL | N | |
| 5289 | an..6 | M | Duty/tax/fee account identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5286 | an..15 | C | DUTY/TAX/FEE ASSESSMENT BASIS | N | |
| C243 | | C | DUTY/TAX/FEE DETAIL | D | |
| 5279 | an..7 | C | Duty/tax/fee rate identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5278 | an..17 | C | Duty/tax/fee rate | R | Tax rate |
| 5273 | an..12 | C | Duty/tax/fee rate basis identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5305 | an..3 | C | DUTY/TAX/FEE CATEGORY, CODED | R | AA = Lower rate VAT at a lower rate than standard rate<br>E = Exempt from tax<br>S = Standard rate<br>Z = Zero rated goods |
| 3446 | an..20 | C | PARTY TAX IDENTIFICATION NUMBER | N | |

## SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-SG36-SG37-SG41-SG51-SG53

### 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 NUMBER | R | It is required to assign a number to the line items within a message. The number is assigned by the sender of the message. Normally the first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line. |
| 1229 | an..3 | C | ACTION REQUEST/NOTIFICATION, CODED | R | The action request code on the Purchase Order Response indicates the action which has been taken by the seller against a requested action on a Purchase Order or Purchase Order Change Request by the buyer.<br>2 = Deleted<br>Seller deletes a line item from the original Purchase Order following a buyer's Purchase Order Change Request<br>4 = No action<br>Used only if trading partners have agreed always to transmit the entire detail section (including those line items which have not been acted upon)<br>5 = Accepted without amendment<br>The line item of the referenced message is entirely accepted by the seller<br>6 = Accepted with amendment<br>The line item of the referenced message is accepted but amended by the seller. This code is also used in the case of an amendment initiated by the seller where it is not in direct response to a buyer Purchase Order Change Request; and in the case of multi drops where no shipping schedule could be established for all drops.<br>7 = Not accepted<br>This line item of the referenced message is not accepted by the seller<br>10 = Not found<br>Seller is unable to find the line item as transmitted and referenced by buyer<br>Information about a referenced message for the line item is found in the RFF segment in SG31. If no reference to previously received message (i.e. Purchase Order Change Request) exists in SG31, the referenced message is the original Purchase Order. |
| C212 | | C | ITEM NUMBER IDENTIFICATION | A | |
| 7140 | an..35 | C | Item number | R | Primary reference |
| 7143 | an..3 | C | Item number type, coded | R | BP = Buyer's part number<br>DI = Distributor's part number (*)<br>EN = International Article Numbering Association (EAN)<br>MF = Manufacturer's (producer's) article number<br>SRV = EAN.UCC Global Trade Item Number<br>UP = UPC (Universal product code)<br>VP = Vendor's (seller's) part number<br>(*) EDIFICE code |
| 1131 | an..3 | C | Code list qualifier | N | |

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 3055 | an..3 | C | Code list responsible agency, coded | R | 9 = EAN (International Article Numbering association)<br>89 = Assigned by distributor<br>90 = Assigned by manufacturer<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent<br>113 = US, UCC (Uniform Code Council) |
| C829 | | C | SUB-LINE INFORMATION | N | |
| 5495 | an..3 | C | Sub-line indicator, coded | N | |
| 1082 | an..6 | C | Line item number | N | |
| 1222 | n..2 | C | CONFIGURATION LEVEL | N | |
| 7083 | an..3 | C | CONFIGURATION, CODED | N | |

## SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-SG36-SG37-SG41-SG51-SG53

### PIA ADDITIONAL PRODUCT ID

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

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 4347 | an..3 | M | PRODUCT ID. FUNCTION QUALIFIER | M | 1 = Additional identification<br>2 = Identification for potential substitution<br>To indicate an alternative or substitute to the ordered item |
| C212 | | M | ITEM NUMBER IDENTIFICATION | M | |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | AA = Product version number<br>Release number of a product<br>BP = Buyer's part number<br>CL = Color number<br>CV = Customs article number<br>DI = Distributor's part number (*)<br>DR = Drawing revision number<br>DW = Drawing<br>EC = Engineering change level<br>EN = International Article Numbering Association (EAN)<br>GS = General specification number<br>MF = Manufacturer's (producer's) article number<br>MN = Model number<br>SG = Standard group of products (mixed assortment)<br>SN = Serial number<br>SRV = EAN.UCC Global Trade Item Number<br>UP = UPC (Universal product code)<br>VP = Vendor's (seller's) part number<br>VX = Vendor specification number<br>(*) EDIFICE code |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | 9 = EAN (International Article Numbering association)<br>89 = Assigned by distributor<br>90 = Assigned by manufacturer<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent<br>113 = US, UCC (Uniform Code Council) |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 3055 | an..3 | C | Code list responsible agency, coded | R | |

## SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-SG36-SG37-SG41-SG51-SG53

## 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 | ITEM DESCRIPTION TYPE, CODED | D | C = Code (from industry code list)<br>F = Free-form |
| 7081 | an..3 | C | ITEM CHARACTERISTIC, CODED | O | 3 = Ship to stock<br>26 = Ship to line |
| C273 | | C | ITEM DESCRIPTION | D | Use DE 7009 for a coded description. If no code is available use DE 7008 instead. |
| 7009 | an..17 | C | Item description identification | A | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7008 | an..35 | C | Item description | D | |
| 7008 | an..35 | C | Item description | O | |
| 3453 | an..3 | C | Language, coded | N | |
| 7383 | an..3 | C | SURFACE/LAYER INDICATOR, CODED | N | |

## SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-SG36-SG37-SG41-SG51-SG53

## QTY QUANTITY

Function: A segment specifying the total quantity to be delivered for the line item.
Usage : D 1
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 qualifier | M | 113 = Quantity to be delivered<br>This is the sum of the underlying QTY segments of SG52, which reflect the new, proposed deliveries. |
| 6060 | n..15 | M | Quantity | M | |
| 6411 | an..3 | C | Measure unit qualifier | R | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CLT = centilitre<br>CMT = centimetre<br>GRM = gram<br>KGM = kilogram<br>KMT = kilometre (*)<br>LTR = litre<br>MGM = milligram<br>MMT = millimetre<br>MTK = square metre<br>MTQ = cubic metre<br>MTR = metre<br>PCE = piece (*)<br>(*) EDIFICE code, not included in UN/ECE Recommendation No. 20<br>Other codes should be previously agreed between trading partners. |

## SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-SG36-SG37-SG41-SG51-SG53

### ALI ADDITIONAL INFORMATION

Function: A segment indicating the country of origin or export restrictions for the line item.
Usage : D 1
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 3239 | an..3 | C | COUNTRY OF ORIGIN, CODED | D | Use ISO 3166, 2 alpha code |
| 9213 | an..3 | C | TYPE OF DUTY REGIME, CODED | N | |
| 4183 | an..3 | C | SPECIAL CONDITIONS, CODED | D | 16 = Subject to embargo restriction |
| 4183 | an..3 | C | SPECIAL CONDITIONS, CODED | N | |
| 4183 | an..3 | C | SPECIAL CONDITIONS, CODED | N | |
| 4183 | an..3 | C | SPECIAL CONDITIONS, CODED | N | |
| 4183 | an..3 | C | SPECIAL CONDITIONS, CODED | N | |

## SG26 LIN-PIA-IMD-QTY-ALI-FTX-SG30-SG31-SG32-SG36-SG37-SG41-SG51-SG53

### FTX FREE TEXT

Function: A segment providing free form or coded text information for the line item.
Usage : O..2
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 QUALIFIER | M | LIN = Line item |
| 4453 | an..3 | C | TEXT FUNCTION, CODED | R | 1 = Text for subsequent use<br>The occurrence of this text does not affect order processing<br>3 = Text for immediate use<br>Text must be read before processing the order response line |
| C107 | | C | TEXT REFERENCE | A | |
| 4441 | an..17 | M | Free text identification | M | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C108 | | C | TEXT LITERAL | D | |
| 4440 | an..70 | M | Free text | M | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 3453 | an..3 | C | LANGUAGE, CODED | N | |

## SG30 PRI

## PRI PRICE DETAILS

Function: A segment acknowledging, or specifying a proposed change to 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 qualifier | M | AAA = Calculation net<br>AAB = Calculation gross<br>Allowances and charges to be applied to the gross price and must be provided in the ALC segment |
| 5118 | n..15 | C | Price | R | |
| 5375 | an..3 | C | Price type, coded | R | CA = Catalogue<br>CP = Current price (*)<br>CT = Contract<br>DI = Distributor<br>PV = Provisional price<br>QT = Quoted<br>(*) EDIFICE code |
| 5387 | an..3 | C | Price type qualifier | N | |
| 5284 | n..9 | C | Unit price basis | R | |
| 6411 | an..3 | C | Measure unit qualifier | R | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CLT = centilitre<br>CMT = centimetre<br>GRM = gram<br>KGM = kilogram<br>KMT = kilometre (*)<br>LTR = litre<br>MGM = milligram<br>MMT = millimetre<br>MTK = square metre<br>MTQ = cubic metre<br>MTR = metre<br>PCE = piece (*)<br>(*) EDIFICE code, not included in UN/ECE Recommendation No. 20<br>Other codes should be previously agreed between trading partners. |
| 5213 | an..3 | C | SUB-LINE PRICE CHANGE, CODED | N | |

## SG31 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 Purchase Order Change Request 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 it may be given at header level in the RFF segment in SG1 and not here.

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| C506 | | M | REFERENCE | M | |
| 1153 | an..3 | M | Reference qualifier | M | BO = Blanket order number<br>JB = Job number<br>LI = Line item reference number<br>Buyer's original line item number<br>PP = Purchase order change number<br>Reference number assigned by a buyer for a revision of a purchase order |
| 1154 | an..35 | C | Reference number | D | |
| 1156 | an..6 | C | Line number | D | The buyer's original Purchase Order line item number. |
| 4000 | an..35 | C | Reference version number | N | |

## SG31 RFF-DTM

## DTM DATE/TIME/PERIOD

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

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

## SG32 PAC-QTY-SG34

## PAC PACKAGE

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

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

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 8393 | an..3 | C | Returnable package load contents, coded | N | |

## SG32 PAC-QTY-SG34

### 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 qualifier | M | 52 = Quantity per pack |
| 6060 | n..15 | M | Quantity | M | |
| 6411 | an..3 | C | Measure unit qualifier | N | |

## SG34 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, CODED | O | 16 = Buyer's instructions |
| C210 | | C | MARKS & LABELS | R | |
| 7102 | an..35 | M | Shipping marks | M | Marking and labelling instruction |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 8275 | an..3 | C | CONTAINER/PACKAGE STATUS, CODED | N | |
| C827 | | C | TYPE OF MARKING | N | |
| 7511 | an..3 | M | Type of marking, coded | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |

## SG36 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/TAX/FEE FUNCTION QUALIFIER | M | 7 = Tax |
| C241 | | C | DUTY/TAX/FEE TYPE | R | |
| 5153 | an..3 | C | Duty/tax/fee type, coded | R | VAT = Value added tax |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5152 | an..35 | C | Duty/tax/fee type | N | |
| C533 | | C | DUTY/TAX/FEE ACCOUNT DETAIL | N | |
| 5289 | an..6 | M | Duty/tax/fee account identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5286 | an..15 | C | DUTY/TAX/FEE ASSESSMENT BASIS | N | |
| C243 | | C | DUTY/TAX/FEE DETAIL | D | |
| 5279 | an..7 | C | Duty/tax/fee rate identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5278 | an..17 | C | Duty/tax/fee rate | R | Tax rate |
| 5273 | an..12 | C | Duty/tax/fee rate basis identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5305 | an..3 | C | DUTY/TAX/FEE CATEGORY, CODED | R | AA = Lower rate VAT at a lower rate than standard rate<br>E = Exempt from tax<br>S = Standard rate<br>Z = Zero rated goods |
| 3446 | an..20 | C | PARTY TAX IDENTIFICATION NUMBER | N | |

## SG37 NAD-SG39

## NAD NAME AND ADDRESS

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

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

## SG39 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/message name, coded | R | 2 = Certificate of conformity<br>861 = Certificate of origin |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 1000 | an..35 | C | Document/message name | N | |
| C503 | | C | DOCUMENT/MESSAGE DETAILS | N | |
| 1004 | an..35 | C | Document/message number | N | |
| 1373 | an..3 | C | Document/message status, coded | N | |
| 1366 | an..35 | C | Document/message source | N | |
| 3453 | an..3 | C | Language, coded | N | |
| 3153 | an..3 | C | COMMUNICATION CHANNEL IDENTIFIER, CODED | N | |
| 1220 | n..2 | C | NUMBER OF COPIES OF DOCUMENT REQUIRED | O | |
| 1218 | n..2 | C | NUMBER OF ORIGINALS OF DOCUMENT REQUIRED | N | |

## SG41 ALC-SG42-SG43-SG44-SG46

## 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 QUALIFIER | M | A = Allowance<br>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 number | D | |
| 5189 | an..3 | C | Charge/allowance description, coded | D | |
| 4471 | an..3 | C | SETTLEMENT, CODED | D | 5 = Charge to be paid by vendor<br>6 = Charge to be paid by customer<br>Use this if DE 5463 indicates 'Charge' |
| 1227 | an..3 | C | CALCULATION SEQUENCE INDICATOR, CODED | 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.<br>The basis for calculation of the first allowance or charge is the amount for the line item.<br>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 services, coded | M | See UN/EDIFACT code list |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7160 | an..35 | C | Special service | N | |
| 7160 | an..35 | C | Special service | N | |

## SG42 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 qualifier | M | 113 = Quantity to be delivered |
| 6060 | n..15 | M | Quantity | M | |
| 6411 | an..3 | C | Measure unit qualifier | N | |

## SG43 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 qualifier | M | 3 = Allowance or charge |
| 5482 | n..10 | C | Percentage | R | |
| 5249 | an..3 | C | Percentage basis, coded | R | LV = Line item value (*)<br>Referenced percentage applies to the line item value.<br>(*) EDIFICE code |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |

## SG44 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 qualifier | M | 8 = Allowance or charge amount |
| 5004 | n..18 | C | Monetary amount | R | Total amount |
| 6345 | an..3 | C | Currency, coded | N | |
| 6343 | an..3 | C | Currency qualifier | N | |
| 4405 | an..3 | C | Status, coded | N | |

## SG46 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/TAX/FEE FUNCTION QUALIFIER | M | 7 = Tax |
| C241 | | C | DUTY/TAX/FEE TYPE | R | |
| 5153 | an..3 | C | Duty/tax/fee type, coded | R | VAT = Value added tax |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5152 | an..35 | C | Duty/tax/fee type | N | |
| C533 | | C | DUTY/TAX/FEE ACCOUNT DETAIL | N | |
| 5289 | an..6 | M | Duty/tax/fee account identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5286 | an..15 | C | DUTY/TAX/FEE ASSESSMENT BASIS | N | |
| C243 | | C | DUTY/TAX/FEE DETAIL | D | |
| 5279 | an..7 | C | Duty/tax/fee rate identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5278 | an..17 | C | Duty/tax/fee rate | R | Tax rate |
| 5273 | an..12 | C | Duty/tax/fee rate basis identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5305 | an..3 | C | DUTY/TAX/FEE CATEGORY, CODED | R | AA = Lower rate VAT at a lower rate than standard rate<br>E = Exempt from tax<br>S = Standard rate<br>Z = Zero rated goods |
| 3446 | an..20 | C | PARTY TAX IDENTIFICATION NUMBER | N | |

## SG51 SCC-RFF-SG52

## SCC SCHEDULING CONDITIONS

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

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 4017 | an..3 | M | DELIVERY PLAN STATUS INDICATOR, CODED | M | 1 = Firm |
| 4493 | an..3 | C | DELIVERY REQUIREMENTS, CODED | N | |
| C329 | | C | PATTERN DESCRIPTION | N | |
| 2013 | an..3 | C | Frequency, coded | N | |
| 2015 | an..3 | C | Despatch pattern, coded | N | |
| 2017 | an..3 | C | Despatch pattern timing, coded | N | |

## SG51 SCC-RFF-SG52

### 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 qualifier | M | FDS = Firm delivery schedule reference number (*)<br>Reference number assigned by the buyer to a specific firm delivery schedule.<br>(*) EDIFICE code |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | N | |
| 4000 | an..35 | C | Reference version number | N | |

## SG52 QTY-DTM

### QTY QUANTITY

Function: A segment specifying a quantity.
Usage : M1
Notes : If a cancellation is proposed the quantity must be set to zero.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| C186 | | M | QUANTITY DETAILS | M | |
| 6063 | an..3 | M | Quantity qualifier | M | 21 = Ordered quantity<br>113 = Quantity to be delivered<br>Proposed quantity |
| 6060 | n..15 | M | Quantity | M | |
| 6411 | an..3 | C | Measure unit qualifier | N | |

## SG52 QTY-DTM

## 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/time/period qualifier | M | 2 = Delivery date/time, requested<br>Date on which buyer requests goods to be delivered<br>10 = Shipment date/time, requested<br>Date on which goods should be shipped or despatched by the supplier<br>67 = Delivery date/time, current schedule<br>Delivery date deriving from actual schedule<br>688 = Shipping date, no schedule established as of<br>689 = Shipping date and/or time, current schedule<br>758 = Original schedule date (*)<br>Date of original confirmed schedule<br>(*) EDIFICE Code |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## SG53 RCS-RFF-DTM-FTX

## RCS REQUIREMENTS AND CONDITIONS

Function: A segment identifying an embargo restriction for the electronics industry.
Usage : M1
Notes : The values entered in this segment are only used to enable access to the following segments in the segment group.

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 7293 | an..3 | M | SECTOR/SUBJECT IDENTIFICATION QUALIFIER | M | 4 = Electronic industry |
| C550 | | C | REQUIREMENT/CONDITION IDENTIFICATION | M | |
| 7295 | an..17 | M | Requirement/condition identification | M | EMBARGO |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7294 | an..35 | C | Requirement or condition | N | |
| 1229 | an..3 | C | ACTION REQUEST/NOTIFICATION, CODED | N | |

## SG53 RCS-RFF-DTM-FTX

### RFF REFERENCE

Function: A segment specifying a reference number to the embargo restriction.
Usage : D 1
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| C506 | | M | REFERENCE | M | |
| 1153 | an..3 | M | Reference qualifier | M | AEA = Government agency reference number<br>AFE = Export Control Commodity number (ECCN)<br>EB = Embargo permit number<br>EN = Embargo number |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | N | |
| 4000 | an..35 | C | Reference version number | N | |

## SG53 RCS-RFF-DTM-FTX

## DTM DATE/TIME/PERIOD

Function: A segment specifying a date of the reference number.
Usage : D..2
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| C507 | | M | DATE/TIME/PERIOD | M | |
| 2005 | an..3 | M | Date/time/period qualifier | M | 36 = Expiry date<br>171 = Reference date/time |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## SG53 RCS-RFF-DTM-FTX

## FTX FREE TEXT

Function: A segment providing free form or coded text information related to the embargo restriction.
Usage : D..5
Notes : This segment must only be present if a declaration is required by law or regulations to be expressed in text.
EDIFICE recommends not to use FTX segments.
The language must be specified in DE 3453 if required by regulations.
Where possible, use CO C107 rather than CO C108.

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 4451 | an..3 | M | TEXT SUBJECT QUALIFIER | M | LIN = Line item |
| 4453 | an..3 | C | TEXT FUNCTION, CODED | R | 1 = Text for subsequent use<br>The occurrence of this text does not affect invoice<br>3 = Text for immediate use<br>Text must be read before processing the invoice |
| C107 | | C | TEXT REFERENCE | A | |
| 4441 | an..17 | M | Free text identification | M | DCS = Destination control statement<br>A statement from the supplier to the customer informing him of legal or other restrictions which limit the resale or re-export of the product. |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C108 | | C | TEXT LITERAL | D | |
| 4440 | an..70 | M | Free text | M | As for DE 4441 |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 3453 | an..3 | C | LANGUAGE, CODED | D | Use ISO 639 |

## 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 EDSS04.

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 0074 | n..6 | 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+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+ORDERS++1+X+1'
UNH+1+ORDERS:D:97A:UN:EDPO06'
BGM+220+PO11223+9'
DTM+137:19931014:102'
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+2:19940204:102'
SCC+1'
QTY+21:1000'
DTM+2:19940304:102'
UNS+S'
UNT+24+1'
UNZ+1+66'
```

Example 2: Purchase Order Response

a) The line item is accepted with amendment:

```
UNB+UNOC:3+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+137:19931015:102'
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+2:19940204:102'
QTY+113:2200'
DTM+67:19940204:102'
SCC+1'
QTY+21:1000'
DTM+2:19940304:102'
QTY+113:1100'
DTM+67:19940304:102'
UNS+S'
UNT+26+1'
UNZ+1+66'
```

b) The line item is accepted without amendment:

```
UNB+UNOC:3+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+137:19931015:102'
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+UNOC:3+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDCHG++1+X+1'
UNH+1+ORDCHG:D:97A:UN:EDOC06'
BGM+230+POC1+9'
DTM+137:19931020:102'
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+42:19940204:102'
QTY+21:2200'
DTM+2:19940128:102'
SCC+1'
QTY+18:1100'
DTM+2:19940304:102'
UNS+S'
UNT+27+1'
UNZ+1+66'
```

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

```
UNB+UNOC:3+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDCHG++1+X+1'
UNH+1+ORDCHG:D:97A:UN:EDOC06'
BGM+230+POC1+9'
DTM+137:19931020:102'
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+UNOC:3+123456789:1:X+987654321:1:X+021209:1520+66+X:AA+ORDCHG++1+X+1'
UNH+1+ORDCHG:D:97A:UN:EDOC06'
BGM+230+POC1+9'
DTM+137:19931020:102'
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+2:19940223:102'
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:
    BGM+220+POnumber1+9'
    RFF+CT:123456'
    LIN+1++ArticleA:VP::92'
    RFF+LI::75'
    SCC+1'
a)  QTY+21:500'
a)  DTM+2:940215:101'
    SCC+1'
b)  QTY+21:1250'
b)  DTM+2:940301:101'
    LIN+2++ArticleB:VP::92'
    RFF+LI::93'
    SCC+1'
c)  QTY+21:750'
c)  DTM+2:940215:101'
    UNS+S'
```

```
    2:
    BGM+231+POresponsenumber1+9'
    RFF+ON:POnumber1'
    LIN+1+6+ArticleA:VP::92'
    RFF+LI::75'
    SCC+1'
a)  QTY+21:500'
a)  DTM+2:940215:101'
d)  QTY+113:500'
d)  DTM+67:940222:101'
    SCC+1'
e)  QTY+113:1250'
e)  DTM+67:940301:101'
f)  LIN+2+5+ArticleB:VP::92'
    RFF+LI::93'
    UNS+S'
```

```
    3:
    BGM+230+POchangenumber1+9'
    RFF+ON:POnumber1'
    LIN+1+3+ArticleA:VP::92'
    RFF+LI::75'
    RFF+AAA:POresponsenumber1'
    SCC+1'
g)  QTY+18:500'
g)  DTM+2:940222:101'
    SCC+1'
h)  QTY+18:1250'
h)  DTM+42:940301:101'
i)  QTY+21:1500'
i)  DTM+2:940301:101'
    UNS+S'
```

```
    4:
    BGM+230+POchangenumber2+9'
    RFF+ON:POnumber1'
    LIN+1+3+ArticleB:VP::92'
    RFF+LI::93'
    RFF+AAA:POresponsenumber1'
    SCC+1'
j)  QTY+18:750'
j)  DTM+42:940215:101'
k)  QTY+21:750'
k)  DTM+2:940208:101'
    UNS+S'
```

```
    5:
    BGM+231+POresponsenumber2+9'
    RFF+ON:POnumber1'
    LIN+1+6+ArticleB:VP::92'
    RFF+LI::93'
    RFF+PP:POchangenumber2'
    SCC+1'
l)  QTY+21:750'
l)  DTM+2:940208'
m)  QTY+113:750'
m)  DTM+67:940212'
    UNS+S'
```

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

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

In any subsequent message to the original Purchase Order, SG54 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 SG33.
- 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 SG33 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, SG52 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, SG31 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, SG52 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, SG52 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, SG31 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 SG33.