



The European B2B Forum for the Electronics Industry

EDIFICE Message Implementation Guideline

Purchase Order Change

ORDCHG Issue EDOC06

Endorsed 15 June 2005

Based on UN/EDIFACT D.97A ORDCHG Message

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COMPARISON TO PREVIOUS ISSUE

Issue EDOC06 of 1 June 2005:

- Upgrade to UN/EDIFACT Code list D.04B

Replacement of EDIFICE codes with standard codes.

- SG13 - PAC - DE 7065:

- 'CN' Container replaced with 'CN' Container, not otherwise specified as transport equipment

- 'PE' Pallet replaced with 'PX' Pallet

12 May 2004 : EDIFIX 5.0 Technical Upgrade

- The 'KMT' qualifier in SEG QTY and PRI DE 6411 is now defined as (*) EDIFICE code. UN/ECE Recommendation 20 specifies 'KTM' as qualifier for 'kilometre'.

03 November 2003 : Correction of SG Structure. This change does not affect the functionality of the message, it only affects the documentation.

- SG12 TOD - Changed to SG12 TOD-LOC

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

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

Issue EDOC05 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A

- Addition of the following code value:

- SG26, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number

- SG26, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number

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

Issue EDOC04 of 14 June 2000 : Addition of qualifiers in NAD on header and detail level to allow specification of the end-customer identification for pricing reasons, or the ultimate destination partner.

Addition of the following code values:

- SG3, NAD segment, DE 3035, codes
 - 'MA' Party for whom item is ultimately intended
 - 'PC' Actual purchaser's customer

- SG37, NAD segment, DE 3035, as above

- SG37, NAD segment, DE 3055, codes '9' EAN (International Article Numbering association)

- '16' DUNS (Dun & Bradstreet)

- '91' Assigned by seller or seller's agent

- '92' Assigned by buyer or buyer's agent

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

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

- Addition of the following code values:

- all NAD segments, DE 3055, code '16' DUNS (Dun & Bradstreet)

- all TAX segments, DE 5305, code 'AA' Lower rate

- SG1, RFF segment, DE 1153, code 'BO' Blanket order number

- SG4, RFF segment, DE 1153, code 'GN' Government reference number

- SG6, COM segment, DE 3155, code 'EM' Electronic mail

- SG10, TDT segment, CO C040, DE 3055, codes '3' IATA (International Air Transport Association)

- '9' EAN (International Article Numbering association)

- '11' Lloyd's register of shipping

- '16' DUNS (Dun & Bradstreet)

- '91' Assigned by seller or seller's agent

- '92' Assigned by buyer or buyer's agent

- '166' US, National Motor Freight Classification Association

- SG12, TOD segment, DE 4215, codes 'CC' Collect

- 'PP' Prepaid (by seller)

- SG12, LOC segment, CO C517, DE 3055, codes '3' IATA (International Air Transport Association)

- '91' Assigned by seller or seller's agent

- '92' Assigned by buyer or buyer's agent

- SG26, LIN segment, DE 7143, codes 'DI' Distributor's part number

- 'MF' Manufacturer's (producer's) article number and

- 'UP' UPC (Universal product code)

- SG26, LIN segment, DE 3055, codes '89' Assigned by distributor

'90' Assigned by manufacturer and
 '113' US, UCC (Uniform Code Council)
 SG26, PIA segment, DE 7143, codes 'AA' Product version number
 'CL' Color number
 'DI' Distributor's part number
 'MF' Manufacturer's (producer's) article number
 'MN' Model number
 'SN' Serial number and
 'UP' UPC (Universal product code)
 SG26, PIA segment, DE 3055, codes '89' Assigned by distributor
 '90' Assigned by manufacturer and
 '113' US, UCC (Uniform Code Council)
 SG26, IMD segment, DE 7077, code 'C' Code (from industry code list)
 SG26, IMD segment, DE 7081, code '26' Ship to line
 SG26, QTY segment, CO C186, DE 6063, codes '3' Cumulative quantity and
 '70' Cumulative quantity received
 SG30, PRI segment, DE 5375, code 'CP' Current price
 SG31, RFF segment, DE 1153, code 'BO' Blanket order number
 SG32, PAC segment, CO C202, DE 3055, code '116' US, ANSI ASC X12
 SG37, NAD segment, DE 3035, code 'MF' Manufacturer of goods,

- Addition of the following segment groups/segment:

SG21
 SG42
 SG43
 SG51, RFF segment,

- Replacement of the following segment:

SG32, MEA segment to QTY segment,

- Replacement of the following codes:

all TAX segments, code 'WUS' to 'VAT' Vat added tax
 SG1, RFF segment, DE 1153, code 'OP' to 'ON' Order number (purchase)
 SG9, PAT segment, CO C112, DE 2151, code 'D' to 'CD' Calendar day (includes weekends and
 holidays)
 SG10, TDT segment, DE 8067, code '10' to '1' Maritime transport
 code '20' to '2' Rail transport
 code '30' to '3' Road transport
 code '40' to '4' Air transport
 code '50' to '5' (same value)
 code '60' to '6' Multimodal transport,
 SG52, QTY segment, CO C186, DE 6063, codes 'OLD' to '18' Previous quantity
 'NEW' to '21' Ordered quantity,

- Deletion of the following code value:

SG6, COM segment, DE 3155, code 'TL' Telex
 SG26, PIA segment, DE 7143, code 'CCM' COCOM list number
 SG26, QTY segment, CO C186, DE 6063, code '21' Ordered quantity,

- Usage changed for the following segment groups/segments/data elements:

all FTX segments, CO C107, X to A
 all FTX segments, CO C108, R to D
 SG4, D1 to D..2
 SG6, O1 to O..2
 SG6, COM segment, A..3 to O..3
 SG6, CTA segment, CO C056, DE 3412, A to D
 SG10, TDT segment, CO C040, DE 3055, X to A
 SG12, TOD segment, DE 4215, X to O
 SG12, TOD segment, DE 1131, X to D
 SG12, TOD segment, DE 3055, X to D
 SG12, LOC segment, CO C517, DE 3225, A to R
 SG12, LOC segment, CO C517, DE 1131, X to D
 SG12, LOC segment, CO C517, DE 3055, X to D
 SG12, LOC segment, CO C517, DE 3224, D to N
 SG13, PAC segment, CO C202, DE 1131, X to D
 SG13, PAC segment, CO C202, DE 3055, X to D
 SG19, ALC segment, CO C552, DE 1230, R to D
 SG19, ALC segment, CO C552, DE 5189, X to D
 SG26, LIN segment, CO C212, R to A
 SG26, IMD segment, DE 7081, D to O
 SG26, IMD segment, CO C273, DE 7009, X to A
 SG26, IMD segment, CO C273, DE 7008, R to D
 SG26, QTY segment, D1 to D..3
 SG32, O1 to D1
 SG32, PAC segment, CO C202, DE 3055, X to D
 SG37, O1 to O..2

SG37, NAD segment, CO C082 X to D
SG39, R..2 to D..2
SG41, D..10 to O..10
SG41, ALC segment, CO C552, DE 1230, R to D
SG41, ALC segment, CO C552, DE 5189, X to D
SG44, R1 to D1,

- Where UN/ECE Recommendations are referenced the most commonly used codes have been identified,
- Alignment of segments and composite data elements to ensure conformance (data harmonization) across all EDIFICE Implementation Guidelines,
- Update of the REFERENCES and EXPLANATORY NOTES section to comply with the EDIFICE Standards for Documentation of Message Implementation Guidelines issue 3,
- Update of examples,
- Documentation adjustments resulting from the use of GEFEG's EdiFix Message Implementation Guidelines documentation tool,
- Correction of typographical errors.

EDIFICE FUNCTIONAL DEFINITION

Introduction

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

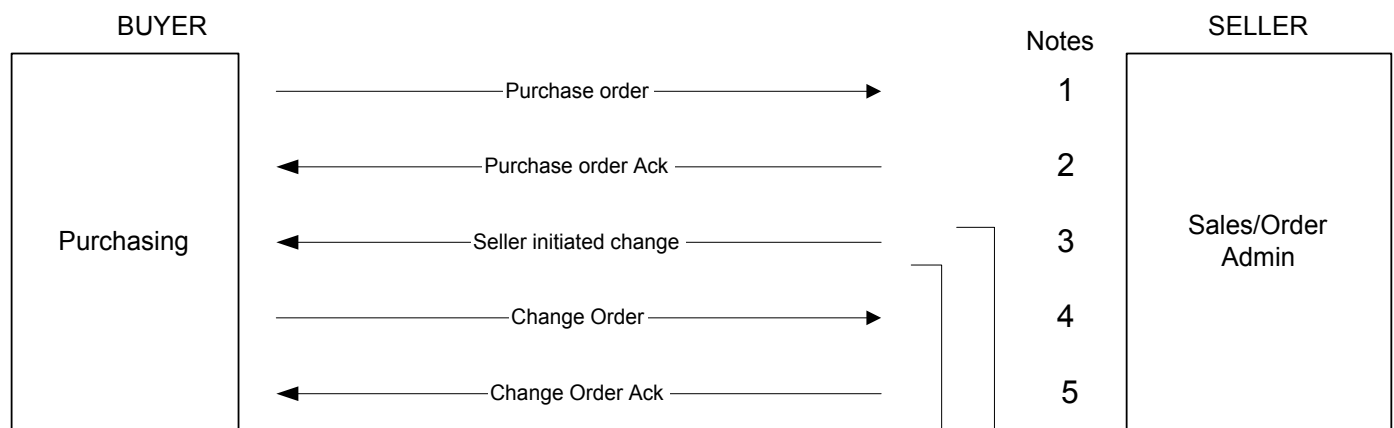
EDIFICE provides three interrelated messages for the purchase ordering process: The Purchase Order (ORDERS), the Purchase Order Change Request (ORDCHG) and the Purchase Order Response (ORDRSP). Together they are used to form a purchase order cycle.

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

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.

REFERENCES

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

EXPLANATORY NOTES

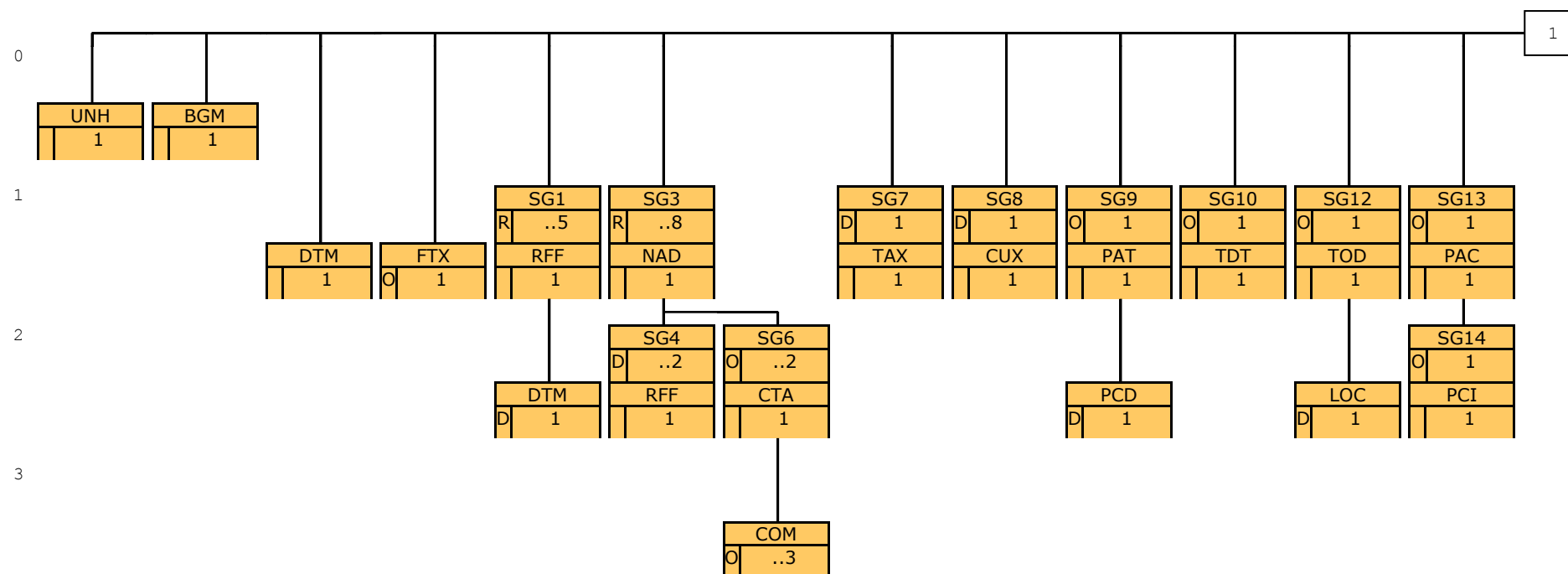
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

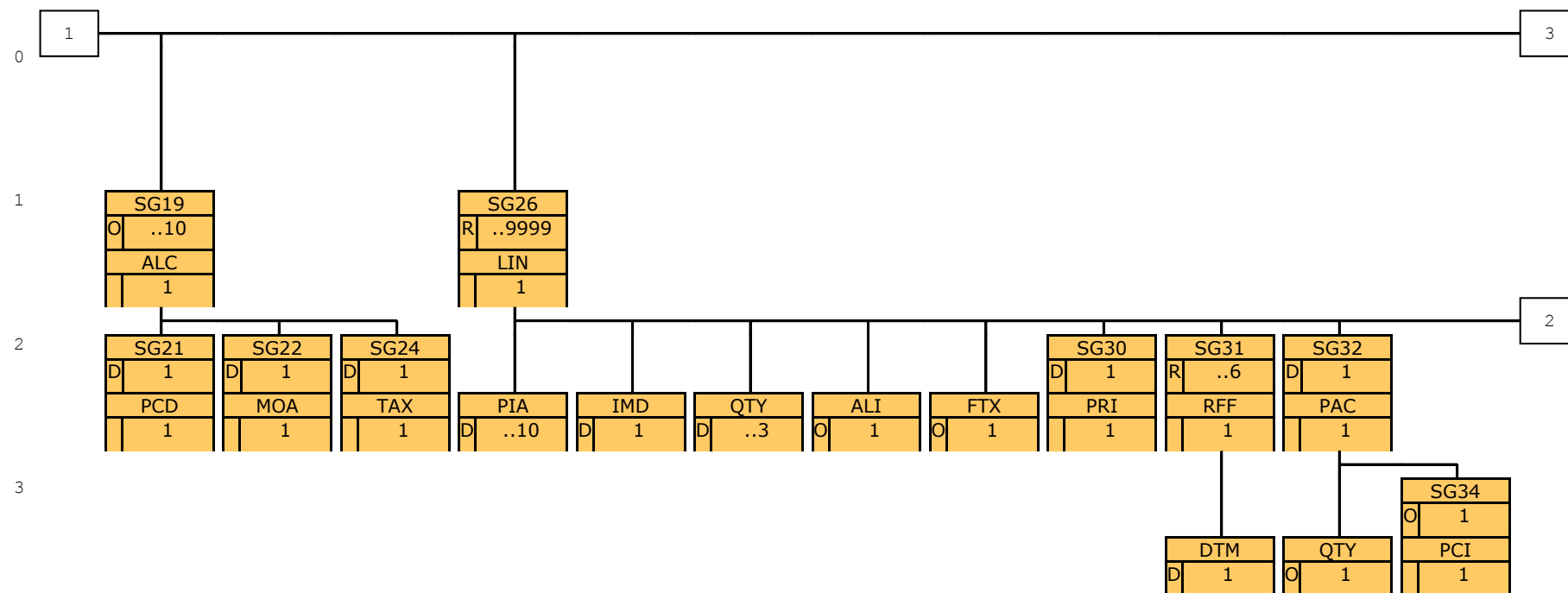
MESSAGE STRUCTURE CHART

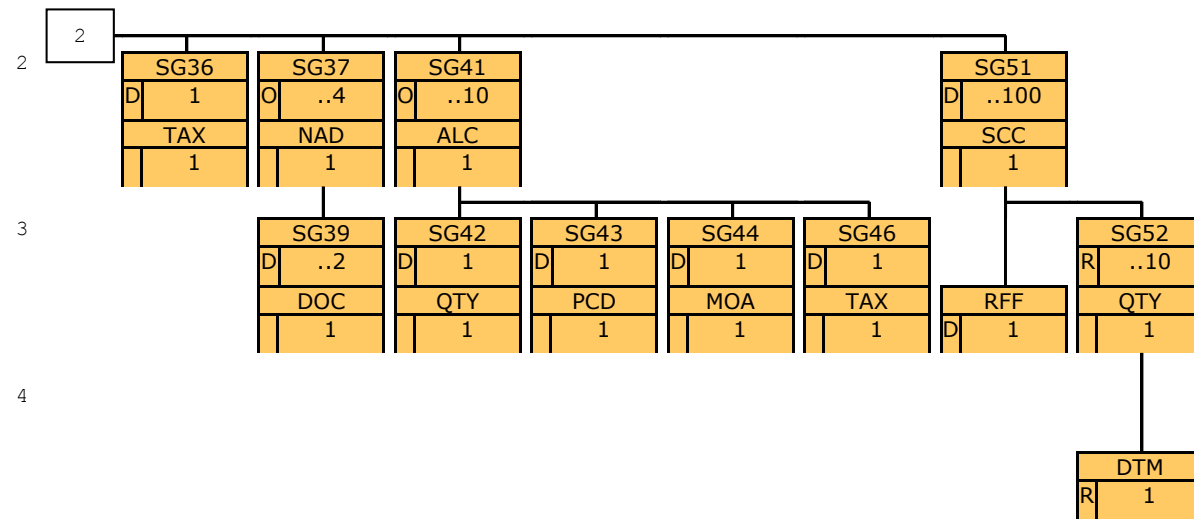
UNH	MESSAGE HEADER	M 1
BGM	BEGINNING OF MESSAGE	M 1
DTM	DATE/TIME/PERIOD	M 1
FTX	FREE TEXT	O 1
SG1		R..5
RFF	REFERENCE	M 1
DTM	DATE/TIME/PERIOD	D 1
SG3		R..8
NAD	NAME AND ADDRESS	M 1
SG4		D..2
RFF	REFERENCE	M 1
SG6		O..2
CTA	CONTACT INFORMATION	M 1
COM	COMMUNICATION CONTACT	O..3
SG7		D 1
TAX	DUTY/TAX/FEE DETAILS	M 1
SG8		D 1
CUX	CURRENCIES	M 1
SG9		O 1
PAT	PAYMENT TERMS BASIS	M 1
PCD	PERCENTAGE DETAILS	D 1
SG10		O 1
TDT	DETAILS OF TRANSPORT	M 1
SG12		O 1
TOD	TERMS OF DELIVERY OR TRANSPORT	M 1
LOC	PLACE/LOCATION IDENTIFICATION	D 1
SG13		O 1
PAC	PACKAGE	M 1
SG14		O 1
PCI	PACKAGE IDENTIFICATION	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..3
ALI	ADDITIONAL INFORMATION	O 1
FTX	FREE TEXT	O 1
SG30		D 1
PRI	PRICE DETAILS	M 1
SG31		R..6
RFF	REFERENCE	M 1
DTM	DATE/TIME/PERIOD	D 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..4

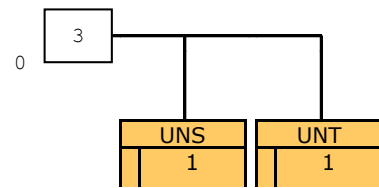
NAD	NAME AND ADDRESS	M 1
SG39		D..2
DOC	DOCUMENT/MESSAGE DETAILS	M 1
SG41		O..10
ALC	ALLOWANCE OR CHARGE	M 1
SG42		D 1
QTY	QUANTITY	M 1
SG43		D 1
PCD	PERCENTAGE DETAILS	M 1
SG44		D 1
MOA	MONETARY AMOUNT	M 1
SG46		D 1
TAX	DUTY/TAX/FEE DETAILS	M 1
SG51		D..100
SCC	SCHEDULING CONDITIONS	M 1
RFF	REFERENCE	D 1
SG52		R..10
QTY	QUANTITY	M 1
DTM	DATE/TIME/PERIOD	R 1
UNS	SECTION CONTROL	M 1
UNT	MESSAGE TRAILER	M 1

BRANCHING DIAGRAM









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..5
Notes: A Purchase Order Change Request must refer to the original Purchase Order at header level.

Reference to a preceding transmitted Purchase Order Change Request or received Purchase Order Response

for each line item should be given at the detail level in the RFF segment in SG31. Only if mutually agreed between trading partners and if this reference is the same for all line items may it be given here and not at detail level.

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

The DTM segment must be sent where local law requires the date of a reference document to be sent.

RFF REFERENCE

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

DTM DATE/TIME/PERIOD

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

SG3 NAD-SG4-SG6

Function: A group of segments identifying the parties involved and their associated information, relevant to the whole message.

Usage: R..8

Notes: The NAD segments that identify the buyer and seller must be present and may not be different from the ones on the original Purchase Order message.
SG4 is used if EC regulations and/or country law requires reference numbers to be sent.

NAD NAME AND ADDRESS

Function: A segment identifying the function and coded identification, name and address of a party involved.
Usage: 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 buying party involved, to whom communication should be directed.
Usage: O..2
Notes: This segment group will only be used under the NAD identifying the buyer.

CTA CONTACT INFORMATION

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

COM COMMUNICATION CONTACT

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

SG7 TAX

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

TAX DUTY/TAX/FEE DETAILS

Function: A segment specifying Value Added Tax, category and rate.
Usage: M1

SG8 CUX

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

CUX CURRENCIES

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

SG9 PAT-PCD

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

PAT PAYMENT TERMS BASIS

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

PCD PERCENTAGE DETAILS

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

SG10 TDT

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

TD T DETAILS OF TRANSPORT

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

SG12 TOD-LOC

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

TOD TERMS OF DELIVERY OR TRANSPORT

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

LOC PLACE/LOCATION IDENTIFICATION

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

SG13 PAC-SG14

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

PAC PACKAGE

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

SG14 PCI

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

PCI PACKAGE IDENTIFICATION

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

SG19 ALC-SG21-SG22-SG24

Function: A group of segments specifying allowances and/or charges and related tax information, for the whole message.
Usage: O..10
Notes: A proposed change by the buyer will automatically apply to the whole original Purchase Order.
Allowances and/or charges at header level and line level are independent, i.e. line level does not override header level.
Both may occur.
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: M 1

SG21 PCD

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

PCD PERCENTAGE DETAILS

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

SG22 MOA

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

MOA MONETARY AMOUNT

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

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: M1

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

Function: A group of segments providing details of the individual line items i.e. ordered products or services.
Usage: R ..9999
Notes: When a referenced line item is sent as 'Deleted', 'Not found' or 'Not amended' by means of the appropriate code for DE 1229 of the LIN segment, no underlying segments or segment groups of the LIN need be transmitted except for the RFF segments specifying the original Purchase Order line number and a preceding message document number.
When a referenced line is added or changed, all relevant underlying segments or segment groups must be transmitted.
The PIA segment is dependent on whether the primary reference to the line item being ordered is insufficient to identify the item.
The IMD segment is used to provide an additional description of the primary reference to the line item being ordered. It may also be used for items that can not be identified by a code or article number.
The QTY segment is used if quantity information is, or needs to be, specified.
SG30 is used if a price is, or a change to a price needs to be, specified.
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: M1

PIA ADDITIONAL PRODUCT ID

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

IMD ITEM DESCRIPTION

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

QTY QUANTITY

Function: A segment specifying non-scheduled related quantity information for the line item.
Usage: D..3

ALI ADDITIONAL INFORMATION

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

FTX FREE TEXT

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

SG30 PRI

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

PRI PRICE DETAILS

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

SG31 RFF-DTM

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

RFF REFERENCE

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

DTM DATE/TIME/PERIOD

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

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: M1

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..4
Notes: End customer identification provided here overrides the end customer identification on header level.
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, the manufacturer's code, the buyer (distributor's) end customer or the ultimate destination party, 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: D 1

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: D 1
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: M1

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: M1

SG51 SCC-RFF-SG52

Function: A group of segments specifying previous and current firm scheduling conditions.
Usage: D..100
Notes: Trading partners must agree whether quantities previously ordered and received are included in the underlying QTY segments of 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 Change Request message.
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.

SCC SCHEDULING CONDITIONS

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

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 previously and currently requested delivery dates and quantities scheduled.
Usage: R..10
Notes: Where there is a change to the delivery date and/or the quantity scheduled, it is recommended that there should be at least two occurrences of SG52, used in the following way:

1) Indicating the previous schedule before the currently requested changes:

QTY: DE 6063 '18' Previous quantity
DTM: DE 2005 '42' Superseded date/time

2) Indicating the current schedule as requested by the buyer:

QTY: DE 6063 '21' Ordered quantity
DTM: DE 2005 '2' Delivery date/time, requested
OR '10' Shipment date/time, requested

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

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

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

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

If the original Purchase Order is the only preceding message for the line item, the "previous schedule before the currently requested changes" (combination 1) is retrieved from there. If a Purchase Order Change Request or a Purchase Order Response is the preceding message for the line item, combination 1 is retrieved from there. Reference to the original Purchase Order is found in the RFF segment in SG1. Reference to any other preceding message is found in the RFF segment in SG31.

QTY QUANTITY

Function: A segment specifying a quantity.
Usage: M1

DTM DATE/TIME/PERIOD

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

UNS SECTION CONTROL

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

UNT MESSAGE TRAILER

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

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	ORDCHG = Purchase order change request 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	EDOC06 = Purchase order change Issue EDOC06
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	230 = Purchase order change request
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 change request number
1056	an..9	C Version	N	
1060	an..6	C Revision number	N	
1225	an..3	C MESSAGE FUNCTION, CODED	R	9 = Original 42 = Confirmation via specific means For confirmation of a Purchase Order Change Request already transmitted by other means
4343	an..3	C RESPONSE TYPE, 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 Date when the document is created
2380	an..35	C Date/time/period	R	Purchase order change request date
2379	an..3	C Date/time/period format qualifier	R	102 = CCYYMMDD 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone 304 = CCYYMMDDHHMMSSZZZ ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ (*) ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZZ (*) ZZZZZ = Time zone (*) EDIFICE code

FTX FREE TEXT

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

Usage : O1

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 1 = Text for subsequent use The occurrence of this text does not affect order processing 3 = Text for immediate use Text must be read before processing the order
4453	an..3	C TEXT FUNCTION, CODED	R	
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	AAA = Acknowledgement of order number Reference to the seller's purchase order response number for the line item AAD = Contract addendum number BO = Blanket order number CT = Contract number GC = Government contract number ON = Order number (purchase) Reference to the original purchase order PP = Purchase order change number Reference number assigned by a buyer for a revision of a purchase order for the line item PR = Price quote number
1154	an..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 : D 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 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone 304 = CCYYMMDDHHMMSSZZZ ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ (*) ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZZ (*) ZZZZZ = Time zone (*) 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 BY = Buyer DP = Delivery party FW = Freight forwarder IV = Invoicee MA = Party for whom item is ultimately intended PC = Actual purchaser's customer SE = Seller
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party 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) 16 = DUNS (Dun & Bradstreet) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
C058		C NAME AND ADDRESS	D	
3124	an..35	M Name and address 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	VA = VAT registration number Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT) GN = Government reference number
1153	an..3	M Reference qualifier	M	
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	PD = Purchasing contact 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 FX = Telefax TE = Telephone

SG7 TAX**TAX DUTY/TAX/FEE DETAILS**

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

Usage : M1

Notes : CO C243 is not used when DE 5305 = 'E'.

Ref.	Rep.	Name	EDIFICE Utilisation	
5283	an..3	M DUTY/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 E = Exempt from tax S = Standard rate Z = Zero rated goods
3446	an..20	C PARTY TAX IDENTIFICATION NUMBER	N	

SG8 CUX**CUX CURRENCIES**

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C504		C CURRENCY DETAILS	R	
6347	an..3	M Currency 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	

SG9 PAT-PCD**PAT PAYMENT TERMS BASIS**

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

Usage : M1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
4279	an..3	M PAYMENT TERMS TYPE QUALIFIER	M	1 = Basic 22 = Discount
C110		C PAYMENT TERMS	N	
4277	an..17	M Terms of payment identification	N	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
4276	an..35	C Terms of payment	N	
4276	an..35	C Terms of payment	N	
C112		C TERMS/TIME INFORMATION	R	
2475	an..3	M Payment time reference, coded	M	5 = Date of invoice Payment time reference is date of invoice 29 = Date of delivery of goods to establishments/domicile/site Date the goods are delivered at agreed place of destination
2009	an..3	C Time relation, coded	R	1 = Reference date 2 = Before reference 3 = After reference
2151	an..3	C Type of period, coded	D	CD = Calendar day (includes weekends and holidays)
2152	n..3	C Number of periods	D	Number of days

SG9 PAT-PCD**PCD PERCENTAGE DETAILS**

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

Usage : D 1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C501		M PERCENTAGE DETAILS	M	
5245	an..3	M Percentage qualifier	M	12 = Discount
5482	n..10	C Percentage	R	Discount percentage
5249	an..3	C Percentage basis, coded	N	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	

SG10 TDT**TDT DETAILS OF TRANSPORT**

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
8051	an..3	M TRANSPORT STAGE QUALIFIER	M	20 = Main-carriage transport Use the following codes from UN/ECE Recommendation no.19: 1 = Maritime transport 2 = Rail transport 3 = Road transport 4 = Air transport 5 = Mail 6 = Multimodal transport
8028	an..17	C CONVEYANCE REFERENCE NUMBER	N	
C220		C MODE OF TRANSPORT	R	
8067	an..3	C Mode of transport, coded	R	
8066	an..17	C Mode of transport	N	
C228		C TRANSPORT MEANS	N	
8179	an..8	C Type of means of transport identification	N	
8178	an..17	C Type of means of transport	N	
C040		C CARRIER	O	
3127	an..17	C Carrier identification	A	
1131	an..3	C Code list qualifier	N	Mutually defined code 3 = IATA (International Air Transport Association) 9 = EAN (International Article Numbering association) 11 = Lloyd's register of shipping 16 = DUNS (Dun & Bradstreet) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 166 = US, National Motor Freight Classification Association Used if no coded name is exchanged in DE 3127
3055	an..3	C Code list responsible agency, coded	A	
3128	an..35	C Carrier name	D	
8101	an..3	C TRANSIT DIRECTION, CODED	N	
C401		C EXCESS TRANSPORTATION INFORMATION	N	
8457	an..3	M Excess transportation reason, coded	N	
8459	an..3	M Excess transportation responsibility, coded	N	
7130	an..17	C Customer authorization number	N	
C222		C TRANSPORT IDENTIFICATION	N	
8213	an..9	C Id. of means of transport identification	N	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
8212	an..35	C Id. of the means of transport	N	
8453	an..3	C Nationality of means of transport, coded	N	
8281	an..3	C TRANSPORT OWNERSHIP, CODED	N	

SG12 TOD-LOC**TOD TERMS OF DELIVERY OR TRANSPORT**

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
4055	an..3	C TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED	R	6 = Delivery condition
4215	an..3	C TRANSPORT CHARGES METHOD OF PAYMENT, CODED	O	CC = Collect A shipment on which freight charges will be paid by the consignee PP = Prepaid (by seller)
C100		C TERMS OF DELIVERY OR TRANSPORT	R	
4053	an..3	C Terms of delivery or transport, coded	R	Use UN/ECE Recommendation no.5, Incoterms 1990 (see next table). Incoterms code list: Group E - Departure EXW = Ex works Group F - Main carriage unpaid FAS = Free alongside ship FCA = Free carrier FOB = Free on Board Group C - Main carriage paid CFR = Cost and freight CIF = Cost, insurance and freight CIP = Carriage and insurance paid to CPT = Carriage paid to Group D - Arrival DAF = Delivered at frontier DDP = Delivered duty paid DDU = Delivered duty unpaid DEQ = Delivered ex quay DES = Delivered ex ship If not applicable, use code from another appropriate code set in DE 4053 in combination with DE 1131/3055.
1131	an..3	C Code list qualifier	D	
3055	an..3	C Code list responsible agency, coded	D	
4052	an..70	C Terms of delivery or transport	N	
4052	an..70	C Terms of delivery or transport	N	

SG12 TOD-LOC**LOC PLACE/LOCATION IDENTIFICATION**

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

Usage : D 1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
3227	an..3	M PLACE/LOCATION QUALIFIER	M	1 = Place of terms of delivery
C517		C LOCATION IDENTIFICATION	R	Use UN/ECE Recommendation no.16, UNLOCODE. If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.
3225	an..25	C Place/location identification	R	
1131	an..3	C Code list qualifier	D	
3055	an..3	C Code list responsible agency, coded	D	3 = IATA (International Air Transport Association) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
3224	an..70	C Place/location	N	
C519		C RELATED LOCATION ONE IDENTIFICATION	N	
3223	an..25	C Related place/location one identification	N	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
3222	an..70	C Related place/location one	N	
C553		C RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..25	C Related place/location two identification	N	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
3232	an..70	C Related place/location two	N	
5479	an..3	C RELATION, CODED	N	

SG13 PAC-SG14**PAC PACKAGE**

Function: A segment specifying the type of shippable packages.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
7224	n..8	C NUMBER OF PACKAGES	N	<p>The following codes are taken from the UN/ECE Recommendation no.21, (TDED 5.8). If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.</p> <p>BA = Barrel BE = Bundle BG = Bag BX = Box CG = Cage CN = Container, not otherwise specified as transport equipment CR = Crate CS = Case CT = Carton DR = Drum EN = Envelope NE = Unpacked or unpackaged PC = Parcel PK = Package PX = Pallet RL = Reel SW = Shrinkwrapped TU = Tube</p>
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	
1131	an..3	C Code list qualifier	D	
3055	an..3	C Code list responsible agency, coded	D	
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	
8393	an..3	C Returnable package load contents, coded	N	

SG14 PCI**PCI PACKAGE IDENTIFICATION**

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
4233	an..3	C MARKING INSTRUCTIONS, CODED	O	16 = Buyer's instructions
C210		C MARKS & LABELS	R	
7102	an..35	M Shipping marks	M	Marking instruction
7102	an..35	C Shipping marks	O	
7102	an..35	C Shipping marks	O	
7102	an..35	C Shipping marks	O	
7102	an..35	C Shipping marks	O	
7102	an..35	C Shipping marks	O	
7102	an..35	C Shipping marks	O	
7102	an..35	C Shipping marks	O	
7102	an..35	C Shipping marks	O	
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	

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 order change, use CO C214. These data elements cannot be used in the same segment occurrence. Use DE 1227 to specify sequence of calculation if more than one ALC segment is used.

Ref.	Rep.	Name	EDIFICE Utilisation	
5463	an..3	M ALLOWANCE OR CHARGE QUALIFIER	M	A = Allowance C = Charge
C552		C ALLOWANCE/CHARGE INFORMATION	D	Either DE 1230 or DE 5189 has to be used.
1230	an..35	C Allowance or charge 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 6 = Charge to be paid by customer
1227	an..3	C CALCULATION SEQUENCE INDICATOR, CODED	D	Use this if DE 5463 indicates 'Charge' To specify the sequence in which an allowance or charge is calculated. The number must be in ascending order, with no gaps and starting from 1. The basis for calculation of the first allowance or charge is the total line items amount. The basis for calculation of any subsequent allowance or charge is the amount resulting from the previous calculation.
C214		C SPECIAL SERVICES IDENTIFICATION	D	
7161	an..3	C Special 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.

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	OV = Order value (*) Referenced percentage applies to the total order value. (*) EDIFICE code
1131	an..3	C Code list qualifier	N	
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 E = Exempt from tax S = Standard rate 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**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. 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 Change Request indicates the action that the buyer requests from the seller, either in response to a seller initiated change, or as a change initiated by the buyer. 1 = Added Buyer adds a line item to the original Purchase Order 2 = Deleted Buyer deletes a line item from the original Purchase Order 3 = Changed Buyer changes the line item with regard to the referenced message for the line item 10 = Not found Buyer is unable to find the line item as transmitted and referenced by the seller 11 = Not amended Used only if trading partners have agreed always to transmit the entire detail section (including those line items which have not been amended) Information about a referenced message for the line item is found in the RFF segment in SG31. If no reference to a previously sent or received message 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 DI = Distributor's part number (*) EN = International Article Numbering Association (EAN) MF = Manufacturer's (producer's) article number SRV = EAN.UCC Global Trade Item Number UP = UPC (Universal product code) VP = Vendor's (seller's) part number (*) 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) 89 = Assigned by distributor 90 = Assigned by manufacturer 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = 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**PIA ADDITIONAL PRODUCT ID**

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

Usage : D..10

Notes : This segment is also used for acknowledging the item substitution as proposed in the preceding Purchase Order Response. If the substitution is accepted by the buyer, the substitution item merely replaces the previous secondary item number in the PIA segment. If not accepted, corrective action should take place via other means than EDI.

The 5 internal repetitions of CO C212 may be used, but EDIFICE recommends to only use the first occurrence.

Ref.	Rep.	Name	EDIFICE Utilisation	
4347	an..3	M PRODUCT ID. FUNCTION QUALIFIER	M	1 = Additional identification
C212		M ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C Item number	R	
7143	an..3	C Item number type, coded	R	
				AA = Product version number
				Release number of a product
				BP = Buyer's part number
				CL = Color number
				CV = Customs article number
				DI = Distributor's part number (*)
				DR = Drawing revision number
				DW = Drawing
				EC = Engineering change level
				EN = International Article Numbering Association (EAN)
				GS = General specification number
				MF = Manufacturer's (producer's) article number
				MN = Model number
				SG = Standard group of products (mixed assortment)
				SN = Serial number
				SRV = EAN.UCC Global Trade Item Number
				UP = UPC (Universal product code)
				VP = Vendor's (seller's) part number
				VX = Vendor specification number
				(*) 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)
				89 = Assigned by distributor
				90 = Assigned by manufacturer
				91 = Assigned by seller or seller's agent
				92 = Assigned by buyer or buyer's agent
				113 = US, UCC (Uniform Code Council)
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO 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 CO 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 CO 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 CO 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
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) F = Free-form 3 = Ship to stock 26 = Ship to line D Use DE 7009 for a coded description. If no code is available use DE 7008 instead.
7081	an..3	C ITEM CHARACTERISTIC, CODED	O	
C273		C ITEM DESCRIPTION	D	
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**QTY QUANTITY**

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

Usage : D..3

Notes : The measure unit qualifier used in DE 6411 applies to all the underlying QTY segments.

Ref.	Rep.	Name	EDIFICE Utilisation	
C186		M QUANTITY DETAILS	M	
6063	an..3	M Quantity qualifier	M	<p>3 = Cumulative quantity This is the sum of the underlying QTY segments of SG52, which reflect the new, proposed order schedule. 70 = Cumulative quantity received 73 = Outstanding quantity Deliveries still outstanding at the time of generation of the message.</p>
6060	n..15	M Quantity	M	
6411	an..3	C Measure unit qualifier	R	<p>Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:</p> <p>CLT = centilitre CMT = centimetre GRM = gram KGM = kilogram KMT = kilometre (*) LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece (*)</p> <p>(*) EDIFICE code, not included in UN/ECE Recommendation No. 20 Other codes should be previously agreed between trading partners.</p>

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

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

Usage : 01

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
3239	an..3	C COUNTRY OF ORIGIN, CODED	R	Use ISO 3166, 2 alpha code
9213	an..3	C TYPE OF DUTY REGIME, 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	
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**FTX FREE TEXT**

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

Usage : 01

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 1 = Text for subsequent use The occurrence of this text does not affect order processing 3 = Text for immediate use Text must be read before processing the order line
4453	an..3	C TEXT FUNCTION, CODED	R	
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 specifying the line item price and the qualifying information.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C509		C PRICE INFORMATION	R	AAA = Calculation net AAB = Calculation gross Allowances and charges to be applied to the gross price and must be provided in the ALC segment
5125	an..3	M Price qualifier	M	
5118	n..15	C Price	R	CA = Catalogue CP = Current price (*) CT = Contract DI = Distributor PV = Provisional price QT = Quoted (*) EDIFICE code
5375	an..3	C Price type, coded	R	
5387	an..3	C Price type qualifier	N	Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement: CLT = centilitre CMT = centimetre GRM = gram KGM = kilogram KMT = kilometre (*) LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece (*) (*) EDIFICE code, not included in UN/ECE Recommendation No. 20 Other codes should be previously agreed between trading partners.
5284	n..9	C Unit price basis	R	
6411	an..3	C Measure unit qualifier	R	
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 message for the line item should be given here. Only if mutually agreed between trading partners and if this reference is the same for all line items may it be given at header level in the RFF segment in SG1 and not here.

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

Ref.	Rep.	Name	EDIFICE Utilisation	
C506		M REFERENCE	M	
1153	an..3	M Reference qualifier	M	AAA = Acknowledgement of order number Reference to the seller's Purchase Order Response number for the line item AAD = Contract addendum number BO = Blanket order number CT = Contract number GC = Government contract number JB = Job number LI = Line item reference number Buyer's original line item number PP = Purchase order change number Reference number assigned by a buyer for a revision of a purchase order for the line item PR = Price quote number
1154	an..35	C Reference number	D	
1156	an..6	C Line number	D	Within an order this must be a unique number which will be the key for identification of the line item. The number is assigned by the buyer, and it can only be assigned once during the lifetime of the order. It will be used, where needed, to refer to the original line item on any subsequent transactions relating to the order. Note that if a line item is added to the original Purchase Order in a subsequent Purchase Order Change Request the buyer must assign the added line item a unique line number.
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 : D 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 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone 304 = CCYYMMDDHHMMSSZZZ ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ (*) ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZZ (*) ZZZZZ = Time zone (*) 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	<p>The following codes are taken from EIDX documentation:</p> <p>BLK90 = Standard Bulk</p> <p>RAL90 = Standard Rail (semiconductor)</p> <p>REL90 = Standard Reel</p> <p>TRY90 = Standard Tray</p> <p>The following codes are taken from UN/ECE Recommendation no.21, (TDED 5.8):</p> <p>BA = Barrel</p> <p>BB = Bobbin</p> <p>BE = Bundle</p> <p>BG = Bag</p> <p>BQ = Bottle, protected cylindrical</p> <p>BV = Bottle, protected bulbous</p> <p>BX = Box</p> <p>CG = Cage</p> <p>CN = Container, not otherwise specified as transport equipment</p> <p>CR = Crate</p> <p>CS = Case</p> <p>CT = Carton</p> <p>CX = Can, cylindrical</p> <p>DR = Drum</p> <p>EN = Envelope</p> <p>NE = Unpacked or unpackaged</p> <p>PC = Parcel</p> <p>PK = Package</p> <p>PU = Tray</p> <p>PX = Pallet</p> <p>RL = Reel</p> <p>RO = Roll</p> <p>SW = Shrinkwrapped</p> <p>TN = Tin</p> <p>TU = Tube</p> <p>Other codes should be previously agreed between trading partners.</p>
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	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	D	
7064	an..35	C Type of packages	N	
C402		C PACKAGE TYPE IDENTIFICATION	N	<p>Only used if the code is taken from EIDX documentation.</p> <p>116 = US, ANSI ASC X12</p>
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 : 01

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C186		M QUANTITY DETAILS	M	52 = Quantity per pack
6063	an..3	M Quantity qualifier	M	
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	
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 E = Exempt from tax S = Standard rate 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, the manufacturer's code, the buyer (distributor's) end customer or the ultimate destination party, for the line item.

Usage : M1

Notes : CO82 is used only :

If DE 3035 = 'MF' then DE 3039 specifies the manufacturer's code

If DE 3035 = 'MA' or 'PC' then DE 3039 specifies the end customer number; 'PC' is used for pricing purposes and 'MA' to indicate the ultimate destination party.

Ref.	Rep.	Name	EDIFICE Utilisation	
3035	an..3	M PARTY QUALIFIER	M	BY = Buyer MA = Party for whom item is ultimately intended MF = Manufacturer of goods PC = Actual purchaser's customer
C082		C PARTY IDENTIFICATION DETAILS	D	
3039	an..35	M Party id. identification	M	Manufacturer's code when DE 3035 = 'MF' End customer number when DE 3035 = 'MA' or 'PC'
1131	an..3	C Code list qualifier	D	
3055	an..3	C Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 16 = DUNS (Dun & Bradstreet) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
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 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 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 6 = Charge to be paid by customer
1227	an..3	C CALCULATION SEQUENCE INDICATOR, CODED	D	Use this if DE 5463 indicates 'Charge'. To specify the sequence in which an allowance or charge is calculated. The number must be in ascending order, with no gaps and starting from 1. The basis for calculation of the first allowance or charge is the amount for the line item. The basis for calculation of any subsequent allowance or charge is the amount for the line item resulting from the previous calculation.
C214		C SPECIAL SERVICES IDENTIFICATION	D	
7161	an..3	C Special 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	21 = Ordered quantity
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 (*) Referenced percentage applies to the line item value. (*) 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 E = Exempt from tax S = Standard rate 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 : D1

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 (*) Reference number assigned by the buyer to a specific firm delivery schedule. (*) 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 :

Ref.	Rep.	Name	EDIFICE Utilisation	
C186		M QUANTITY DETAILS	M	
6063	an..3	M Quantity qualifier	M	18 = Previous quantity 21 = Ordered 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 Date on which buyer requests goods to be delivered 10 = Shipment date/time, requested Date on which goods should be shipped or despatched by the supplier 42 = Superseded date/time
2380	an..35	C Date/time/period	R	
2379	an..3	C Date/time/period format qualifier	R	102 = CCYYMMDD 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone 304 = CCYYMMDDHHMMSSZZZ ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ (*) ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZZ (*) ZZZZZ = Time zone (*) EDIFICE code

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 EDDS04.

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

<p>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'</p> <p>3: BGM+230+POchangenumber1+9' RFF+ON:POnumber1' LIN+1+3+ArticleA:VP::92' RFF+LI::75' RFF+AAA:POresponsernumber1' 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'</p> <p>5: BGM+231+POresponsernumber2+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'</p>	<p>2: BGM+231+POresponsernumber1+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'</p> <p>4: BGM+230+POchangenumber2+9' RFF+ON:POnumber1' LIN+1+3+ArticleB:VP::92' RFF+LI::93' RFF+AAA:POresponsernumber1' SCC+1' j) QTY+18:750' j) DTM+42:940215:101' k) QTY+21:750' k) DTM+2:940208:101' UNS+S'</p> <p>6: BGM+231+POresponsernumber3+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'</p>
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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 POresponsernumber1, 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 POresponsernumber1.
- 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 POresponsernumber1, "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 POresponsetext1, 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 POresponsetext1 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 POchangenum2, as indicated in one of the RFF segments at detail level. Thus, it is the requested situation of POchangenum2 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 POchangenum2, 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 POchangenum1, 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 POchangenum1, 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 POchangenum1 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 "POchangenum2" 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.