The European B2B Forum for the Electronics Industry

EDIFICE Message Implementation Guideline

Receiving Advice

RECADV Issue EDRC03

Endorsed 28 November 2001

Based on UN/EDIFACT D.97A RECADV Message

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COMPARISON TO PREVIOUS ISSUE

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

21 May 2003 :
- SG23 and SG27 INP – 4401 – Qualifier 'AE' Change invoice replaced by 'AB' Change invoice, as specified by UN/EDIFACT
- EDIFIX 4.2 Technical upgrade; review and correction of examples

Issue EDRC03 13 November:
- Addition of the following code value:
SG22, LIN segment, CO C212, DE 7143 codes 'SRV' EAN.UCC Global Trade Item Number

Issue EDRC03 29 May 2002 – addition of recommended set of DTM qualifiers

Issue EDRC03 9 November 2001 **:** Addition of the UN/EDIFACT qualifiers related to License Plate included in the UN/EDIFACT D.01A Code list.
- Addition of the following code values:
SG20, GIN segment, DE 7405, codes 'VZ' = Transport unit identification according to ISO/IEC 15459 - Data Identifier 'J'
'WA' = Indivisible transport unit according to ISO/IEC 15459 - Data Identifier '1J'
'WB' = Divisible transport unit according to ISO/IEC 15459 Data Identifier '2J'
- The examples have been updated according the additional qualifiers for license plate.

Issue EDRC02 includes the changes that have been made to the issue 1 of the Receiving Advice document endorsed by the EDIFICE Plenary on 27 November 1996. The changes are as follows:

- Recast from the D.96A version of the UN/EDIFACT directory to the D.97A version,

- Update of the following code value:
SG2, DOC segment, DE 1001, code '945' EUR 1 certificate of origin to
'954' EUR 1 certificate of origin,

- Addition of the following code values:
all DTM segments, DE 2379, code '303' CCYYMMDDHHMMZZZ
SG1, RFF segment, DE 1153, codes 'AAN' Delivery schedule number and
'SRN' Shipment reference number
SG10, TDT, CO C040, DE 3055, codes '9' EAN (International Article Numbering association) and
'16' DUNS (Dun & Bradstreet)
SG22, LIN segment, DE 7143, codes 'DI' Distributor's part number
SG22, LIN segment, DE 3055, codes '89' Assigned by distributor
'90' Assigned by manufacturer and
'113' US, UCC (Uniform Code Council)
SG17, PAC segment, DE 7065, codes 'CN' Container
'PE' Pallet,

- Deletion of the following code values
SG6, COM segment, DE 3155, code 'TL' Telex
SG22, LIN segment, CO C212, DE 7147, codes 'IN' Buyer's item number
'SA' Supplier's article number
SG22, LIN segment, CO C212, DE 3055, code '16' DUNS (Dun & Bradstreet),

- Usage changed for the following segment groups/segments:
SG1, DTM segment, D1 to O1
SG3, R..3 to R..2
SG4, NAD segment, CO C080, DE 3045, O to N
SG6, COM segment, O..4 to O..3
SG20, D1 to D..99
SG22, LIN segment, DE 1082, A to R
SG22, LIN segment, CO C212, DE 3055, O to R
SG28, RFF segment, CO C506, DE 1156, O to D,

- 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 sections 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

This message is to address the business needs related to the physical goods receipt. It has been created as a response to the Despatch Advice message with which it has a one-to-one relationship. It should only be sent after the receipt of the goods. The message allows for the reporting of discrepancies in products, quantities, terms, packages, etc. on the Despatch Advice message.

The message may be used to indicate that the received consignment is completely in line with the consignment information given in the Despatch Advice message. In this case EDIFICE recommends that no detail should be provided: it is sufficient to refer to the Despatch Advice in the heading section.

Otherwise the message may inform about the discrepancies between the received consignment and the consignment information given in the Despatch Advice message.

Principles:

The message is initiated by the party which received the goods. The message relates to one physical delivery to a single location and a single Despatch Advice message. It may cover a number of different items or packages.

The message is normally sent to the shipper of the goods. In situations where the shipment is organised by the receiver of the goods the message may be sent to the Freight Forwarder.

It is recognised that information pertaining to the receipt of the goods may change after the initial message has been sent. To accommodate these scenarios, both 'replace' and 'cancellation' message types are catered for by means of the BGM DE 1225.

Individual line items cannot be cancelled - in this case a replacement message should be sent.

Should a discrepancy on quantity occur for 1 line out of 10, EDIFICE recommends to provide the "received" quantity in segment QTY for the 10 lines and to provide the variance information in segment QVR only for the line with the discrepancy.

REFERENCES

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

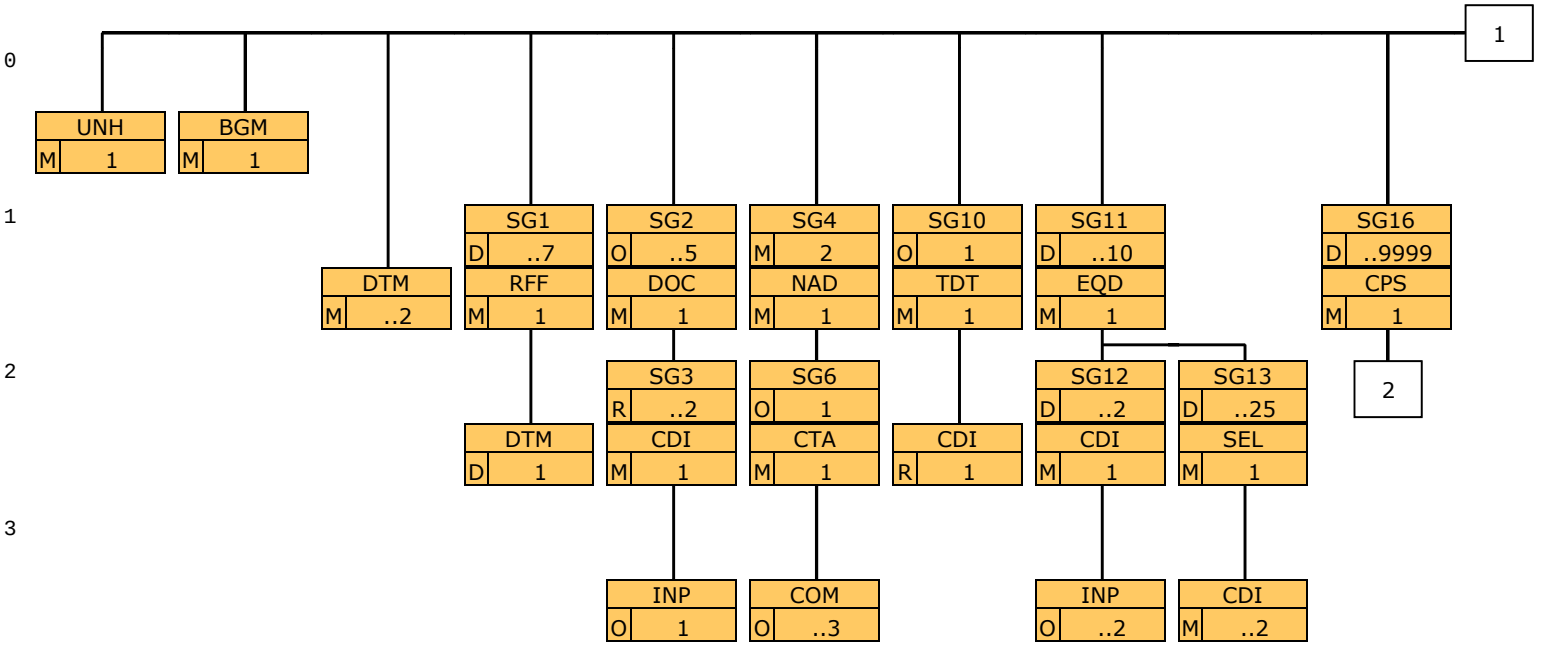
EXPLANATORY NOTES

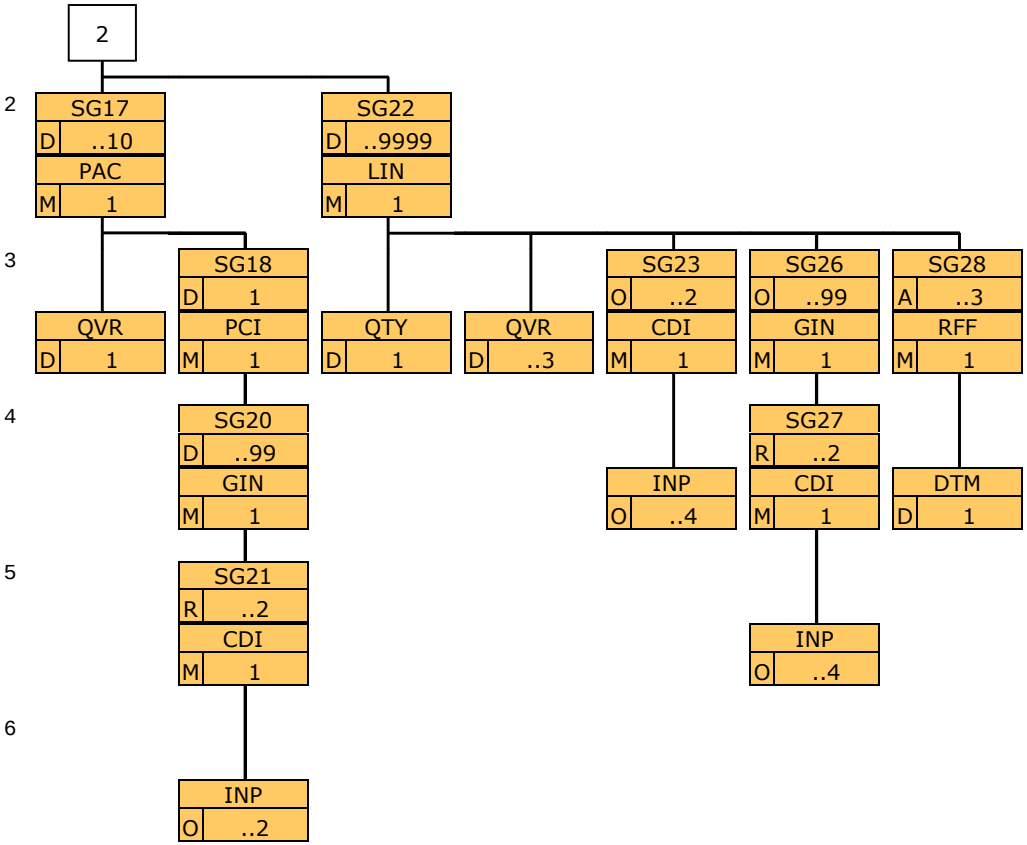
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

MESSAGE STRUCTURE CHART

	UNH	MESSAGE HEADER	M 1
	BGM	BEGINNING OF MESSAGE	M 1
	DTM	DATE/TIME/PERIOD	M ..2
SG1			D ..7
	RFF	REFERENCE	M 1
	DTM	DATE/TIME/PERIOD	O 1
SG2			O ..5
	DOC	DOCUMENT/MESSAGE DETAILS	M 1
SG3			R ..2
	CDI	PHYSICAL OR LOGICAL STATE	M 1
	INP	PARTIES TO INSTRUCTION	O 1
SG4			M 2
	NAD	NAME AND ADDRESS	M 1
SG6			O 1
	CTA	CONTACT INFORMATION	M 1
	COM	COMMUNICATION CONTACT	O ..3
SG10			O 1
	TDT	DETAILS OF TRANSPORT	M 1
	CDI	PHYSICAL OR LOGICAL STATE	R 1
SG11			D ..10
	EOD	EOUIPMENT DETAILS	M 1
SG12			D ..2
	CDI	PHYSICAL OR LOGICAL STATE	M 1
	INP	PARTIES TO INSTRUCTION	O ..2
SG13			D ..25
	SEL	SEAL NUMBER	M 1
	CDI	PHYSICAL OR LOGICAL STATE	M ..2
SG16			D ..9999
	CPS	CONSIGNMENT PACKING SEQUENCE	M 1
SG17			D ..10
	PAC	PACKAGE	M 1
	QVR	OUANTITY VARIANCES	D 1
SG18			D 1
	PCI	PACKAGE IDENTIFICATION	M 1
SG20			D ..99
	GIN	GOODS IDENTITY NUMBER	M 1
SG21			R ..2
	CDI	PHYSICAL OR LOGICAL STATE	M 1
	INP	PARTIES TO INSTRUCTION	O ..2
SG22			D ..9999
	LIN	LINE ITEM	M 1
	OTY	OUANTITY	D 1
	QVR	OUANTITY VARIANCES	D ..3
SG23			O ..2
	CDI	PHYSICAL OR LOGICAL STATE	M 1
	INP	PARTIES TO INSTRUCTION	O ..4
SG26			O ..99
	GIN	GOODS IDENTITY NUMBER	M 1
SG27			R ..2
	CDI	PHYSICAL OR LOGICAL STATE	M 1
	INP	PARTIES TO INSTRUCTION	O ..4
SG28			A ..3
	RFF	REFERENCE	M 1
	DTM	DATE/TIME/PERIOD	D 1
	UNT	MESSAGE TRAILER	M 1

BRANCHING DIAGRAM





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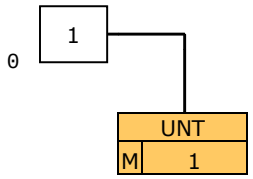

0
1
UNT
M
1

SEGMENT GROUPS/SEGMENTS DESCRIPTION

UNH MESSAGE HEADER

Function: A service segment heading, and uniquely identifying a 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/time of creation of the message and the goods receipt date/time.
Usage: M..2

SG1 RFF-DTM

Function: A group of segments referencing documents and their dates/times, relating to the whole message.
Usage: D..7
Notes: Where the reference relates to the whole document it must be sent in SG1. Where the reference is not the same in every line item (LIN) it must appear in every SG28, and not here.
When the line number needs to be referenced in SG28 then document number may also be referenced in SG28 as well as here.
At least one occurrence of SG1 is required to specify the despatch advice number, if not cancellation.

RFF REFERENCE

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

DTM DATE/TIME/PERIOD

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

SG2 DOC-SG3

Function: A group of segments identifying the discrepancies with the documentary requirements relating to the whole
consignment.
Usage: O..5
Notes:

DOC DOCUMENT/MESSAGE DETAILS

Function: A segment identifying a document where discrepancies occur.
Usage: M1

SG3 CDI-INP

Function: A group of segments reporting the physical or logical state of the document upon receipt and giving the appropriate instructions.
Usage: R..2
Notes:

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical or logical state of the document upon receipt.
Usage: M1

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to send a replacement document.
Usage: O1

SG4 NAD-SG6

Function: A group of segments identifying the parties involved and their associated information, relevant to the whole
message.
Usage: M2
Notes: Identification of the sender (consignor) and recipient (consignee) of the goods is mandatory in the Receiving Advice message.

NAD NAME AND ADDRESS

Function: A segment identifying the function and coded identification, name and address of a party involved.
Usage: M1

SG6 CTA-COM

Function: A group of segments giving contact details of the specific person or department within the identified party involved, to whom communication should be directed.
Usage: O1
Notes:

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

SG10 TDT-CDI

Function: A group of segments specifying transport details and the discrepancy that has occurred.
Usage: O1
Notes: It should be noted that differences in the details of transport can only be flagged as a difference. It is not possible to indicate what the resultant action should be.

TDT DETAILS OF TRANSPORT

Function: A segment specifying the stage and mode of transport, the identification of the means of transport and the carrier information.
Usage: M1

CDI PHYSICAL OR LOGICAL STATE

Function: A segment indicating that an incorrect means of transportation was used.
Usage: R1

SG11 EQD-SG12-SG13

Function: A group of segments identifying material handling equipment with which problems have occurred.
Usage: D..10
Notes: SG11 should only be sent if there is a problem to report.
At least one of SG12 or SG13 should also be present.

EQD EQUIPMENT DETAILS

Function: A segment identifying a unit of equipment.
Usage: M1

SG12 CDI-INP

Function: A group of segments reporting on the physical state of the identified equipment upon receipt and giving the
appropriate instructions.
Usage: D..2

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical state of the equipment upon receipt.
Usage: M1

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage: O..2

SG13 SEL-CDI

Function: A group of segments identifying the seal numbers and reporting anomalies.
Usage: D..25
Notes:

SEL SEAL NUMBER

Function: A segment specifying a seal number and its condition.
Usage: M1

CDI PHYSICAL OR LOGICAL STATE

Function: A segment identifying the anomaly with the seal.
Usage: M..2

SG16 CPS-SG17-SG22

Function: A group of segments providing details about the individual received items, packaging details, variances, receipt conditions and instructions.
Usage: D..9999
Notes: There are different ways of using the CPS segment group depending on how you wish to present the details about the received items.

- The PACKAGE driven logic:
The despatch is described package by package, according to the physical structure of the packaging hierarchy, starting from the outer packages ending with the inner packages. The contended items are identified at the lowest level of the packaging structure. There is a one to one relationship between the CPS and PAC segments.

- The PRODUCT driven logic:
The despatch is described per product, all the packages containing one item being described, identified and associated to the corresponding item. There must be a one to one relationship between the CPS and LIN segments.

It is recommended that users of this guide adopt the PACKAGE driven logic. See the EXAMPLE section of the guide on how to use this segment group.

Package identification numbers will be placed in the GIN segment in SG20.

Use of SG17 and SG22 are dependent on whether there are any discrepancies.

CPS CONSIGNMENT PACKING SEQUENCE

Function: A segment identifying the sequence in which physical packing is received in the consignment, e.g. boxes loaded onto a pallet.
Usage: M1

SG17 PAC-QVR-SG18

Function: A group of segments identifying packaging, quantity variances, package identification, goods identity number, and receipt conditions.
Usage: D..10
Notes: The QVR segment in SG17 is only used when there are variances between what actually arrived and what was indicated in the Despatch Advice message.
SG18 is only used if the physical state of the packages needs to be reported.

PAC PACKAGE

Function: A segment reporting the number and type of identical packages which were received.
Usage: M1

QVR QUANTITY VARIANCES

Function: A segment specifying any quantity variances between the received number of packages and the accepted and despatched quantity.
Usage: D 1

SG18 PCI-SG20

Function: A group of segments specifying markings and labels and related anomalies.
Usage: D 1
Notes: SG20 is only used if it is necessary to indicate package identification numbers of those packages that require their physical state to be reported.

PCI PACKAGE IDENTIFICATION

Function: A segment indicating whether package markings are from the buyer or the seller.
Usage: M1

SG20 GIN-SG21

Function: A group of segments giving markings/identification numbers of the packages and the related anomalies.
Usage: D..99
Notes:

GIN GOODS IDENTITY NUMBER

Function: A segment giving the unique identification number of the package.
Usage: M1

SG21 CDI-INP

Function: A group of segments reporting the physical state of the identified package upon receipt and giving the appropriate instructions.
Usage: R..2
Notes:

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical state of the identified package upon receipt.
Usage: M1

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage: O..2

SG22 LIN-QTY-QVR-SG23-SG26-SG28

Function: A group of segments providing details of the line items i.e. individual received items within the packages described.
Usage: D..9999
Notes: For each item corresponding to an occurrence of SG22, a line item number is required. The unique identification of the item may be provided in LIN CO C212, providing that it can be recognised by the receiver.

If an item has been delivered but not accepted it must be identified using a separate line item. In these cases the "received and accepted" quantities are zero. Such items might include unknown or not ordered products, excess deliveries, damaged goods, unacceptable product variants or batch numbers, different pack size, etc. Reason for the action is detailed in the QTY-QVR segments.

The QVR segment in SG22 should only be used if there are variances between what was received and either
what was ordered, sent (as indicated in the Despatch Advice message), or accepted. Whenever the QVR segment is used then the QTY segment is needed.

LIN LINE ITEM

Function: A segment specifying 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.
Usage: M1

QTY QUANTITY

Function: A segment giving the received quantity for the line item.
Usage: D1

QVR QUANTITY VARIANCES

Function: A segment identifying quantity variances between the received quantity per line item and expected quantity per line item.
Usage: D..3

SG23 CDI-INP

Function: A group of segments reporting the physical state of the line item upon receipt and giving the appropriate instructions.
Usage: O..2
Notes:

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical state of the line item upon receipt.
Usage: M1

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage: O..4

SG26 GIN-SG27

Function: A group of segments giving goods identification numbers and related anomalies.
Usage: O..99
Notes:

GIN GOODS IDENTITY NUMBER

Function: A segment providing identity numbers of goods received or missing.
Usage: M1

SG27 CDI-INP

Function: A group of segments reporting receiving conditions and providing instructions related to the identified goods.
Usage: R..2
Notes:

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the receiving conditions for the identified goods.
Usage: M1

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage: O..4

SG28 RFF-DTM

Function: A group of segments referencing documents and their dates/times, relating to the line item.
Usage: A..3

Notes: If a reference applies to the whole document or to all line items it should be sent at the header level (SG1). Where the document reference differs by line then use only this segment group. This segment group should
not be used to override SG1.
If the line number of the referenced document needs to be specified, both document and line number are specified in the RFF segment of SG28 even if the document number applies to the whole message. In this case the reference number may appear in both SG1 and SG28.
The DTM segment must be sent where local law requires a date or expiry 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/time of the reference document.
Usage: D1

UNT MESSAGE TRAILER

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

SEGMENT DETAILS

UNH

UNH MESSAGE HEADER

Function: A service segment heading, and uniquely identifying a 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	RECADV = Receiving advice 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	EDRC03 = Receiving Advice Issue EDRC03
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 : Cancellation:
When DE 1225 contains '1' then only the mandatory BGM, DTM and NAD segments need be sent in the message. The document number used in DE 1004 must be the same as in the original message.

Replace:
When DE 1225 contains '5' it has the effect of cancelling the original message and replacing it with this, so the entire message must be sent. The document number used in DE 1004 must be the same as in the original message.

Ref.	Rep.		Name		EDIFICE Utilisation
C002		C	DOCUMENT/MESSAGE NAME	R	
1001	an..3	C	Document/message name, coded	R	352 = Receiving Advice (*) (*) EDIFICE code
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	Receiving advice number assigned by the sender. The recommendation is to use a sequential number.
1056	an..9	C	Version	N	
1060	an..6	C	Revision number	N	
1225	an..3	C	MESSAGE FUNCTION, CODED	R	1 = Cancellation 5 = Replace 9 = Original
4343	an..3	C	RESPONSE TYPE, CODED	N	

DTM DATE/TIME/PERIOD

Function: A segment specifying the date/time of creation of the message and the goods receipt date/time.
Usage : M..2
Notes : All dates and times are local dates and times to the place of activity being described. It is required to specify the date of issue of the message.

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	50 = Goods receipt date/time 137 = Document/message date/time Date when the document is created
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

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	AAK = Despatch advice number AAN = Delivery schedule number AAU = Despatch note number CU = Consignor's reference number IV = Invoice number ON = Order number (purchase) SRN = Shipment reference number UCN = Unique consignment reference number VN = Order number (vendor)
1154	an..35	C	Reference number	R	
1156	an..6	C	Line number	N	
4000	an..35	C	Reference version number	N	

SG1 RFF-DTM

DTM DATE/TIME/PERIOD

Function: A segment specifying the date/time of the reference document.
Usage : D 1
Notes : All dates and times are local.

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	C	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

SG2 DOC-SG3

DOC DOCUMENT/MESSAGE DETAILS

Function: A segment identifying a document where discrepancies occur.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
C002		M	DOCUMENT/MESSAGE NAME	M	
1001	an..3	C	Document/message name, coded	R	270 = Delivery note 271 = Packing list 325 = Proforma invoice 865 = Certificate of origin form GSP 954 = EUR 1 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	N	
1218	n..2	C	NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	N	

SG3 CDI-INP

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical or logical state of the document upon receipt.
Usage : M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
7001	an..3	M	PHYSICAL OR LOGICAL STATE QUALIFIER	M	1 = Upon receipt
C564		M	PHYSICAL OR LOGICAL STATE INFORMATION	M	
7007	an..3	C	Physical or logical state, coded	R	2 = Missing 3 = Wrong identification The information on the document is wrong 4 = Damaged
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7006	an..35	C	Physical or logical state	N	

SG3 CDI-INP

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to send a replacement document.
Usage : O 1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C849		C	PARTIES TO INSTRUCTION	N	
3301	an..17	M	Party enacting instruction identification	N	
3285	an..17	C	Recipient of the instruction identification	N	
C522		C	INSTRUCTION	R	
4403	an..3	M	Instruction qualifier	M	1 = Action required
4401	an..3	C	Instruction, coded	R	AG = Send replacement
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4400	an..35	C	Instruction	N	
C850		C	STATUS OF INSTRUCTION	N	
4405	an..3	M	Status, coded	N	
3036	an..35	C	Party name	N	
1229	an..3	C	ACTION REQUEST/NOTIFICATION, CODED	N	

SG4 NAD-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	CN = Consignee CZ = Consignor
C082		C	PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M	Party id. identification	M	Code identifying the party
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

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	IC = Information 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

SG10 TDT-CDI

TDT DETAILS OF TRANSPORT

Function: A segment specifying the stage and mode of transport, the identification of the means of transport and the carrier information.
Usage : M1
Notes : Identification such as vehicle licence plate number may be provided in CO C222
DE 8212 if the mode of transport is by road or maritime. Information provided here is actual, for example the actual licence plate of the vehicle.

Ref.	Rep.		Name	EDIFICE Utilisation	
8051	an..3	M	TRANSPORT STAGE QUALIFIER	M	13 = At destination
8028	an..17	C	CONVEYANCE REFERENCE NUMBER	O	Used for flight or voyage number
C220		C	MODE OF TRANSPORT	A	
8067	an..3	C	Mode of transport, coded	R	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
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	Mutually defined code
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	A	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
3128	an..35	C	Carrier name	D	Used if no coded name exchanged in DE 3127
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	D	
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	R	Vessel name or vehicle licence number
8453	an..3	C	Nationality of means of transport, coded	O	Use ISO 3166, 2 alpha code
8281	an..3	C	TRANSPORT OWNERSHIP, CODED	N	

SG10 TDT-CDI

CDI PHYSICAL OR LOGICAL STATE

Function: A segment indicating that an incorrect means of transportation was used.
Usage : R 1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
7001	an..3	M	PHYSICAL OR LOGICAL STATE QUALIFIER	M	1 = Upon receipt
C564		M	PHYSICAL OR LOGICAL STATE INFORMATION	M	
7007	an..3	C	Physical or logical state, coded	R	3 = Wrong identification
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7006	an..35	C	Physical or logical state	N	

SG11 EQD-SG12-SG13

EQD EQUIPMENT DETAILS

Function: A segment identifying a unit of equipment.
Usage : M1
Notes : In general, equipment is supplied by the haulier/carrier.

Ref.	Rep.		Name	EDIFICE Utilisation	
8053	an..3	M	EQUIPMENT QUALIFIER	M	BPN = Box pallet non exchangeable CN = Container EFP = Exchangeable EUR flat pallet PA = Pallet TE = Trailer UL = ULD (Unit load device)
C237		C	EQUIPMENT IDENTIFICATION	A	
8260	an..17	C	Equipment identification number	R	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
3207	an..3	C	Country, coded	N	
C224		C	EQUIPMENT SIZE AND TYPE	N	
8155	an..10	C	Equipment size and type identification	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
8154	an..35	C	Equipment size and type	N	
8077	an..3	C	EQUIPMENT SUPPLIER, CODED	N	
8249	an..3	C	EQUIPMENT STATUS, CODED	N	
8169	an..3	C	FULL/EMPTY INDICATOR, CODED	N	

SG12 CDI-INP

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical state of the equipment upon receipt.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
7001	an..3	M	PHYSICAL OR LOGICAL STATE QUALIFIER	M	1 = Upon receipt
C564		M	PHYSICAL OR LOGICAL STATE INFORMATION	M	
7007	an..3	C	Physical or logical state, coded	R	2 = Missing 3 = Wrong identification 4 = Damaged
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7006	an..35	C	Physical or logical state	N	

SG12 CDI-INP

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage : O..2
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C849		C	PARTIES TO INSTRUCTION	N	
3301	an..17	M	Party enacting instruction identification	N	
3285	an..17	C	Recipient of the instruction identification	N	
C522		C	INSTRUCTION	R	
4403	an..3	M	Instruction qualifier	M	1 = Action required
4401	an..3	C	Instruction, coded	R	AG = Send replacement AH = Pick-up
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4400	an..35	C	Instruction	N	
C850		C	STATUS OF INSTRUCTION	N	
4405	an..3	M	Status, coded	N	
3036	an..35	C	Party name	N	
1229	an..3	C	ACTION REQUEST/NOTIFICATION, CODED	N	

SG13 SEL-CDI

SEL SEAL NUMBER

Function: A segment specifying a seal number and its condition.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
9308	an..10	M	SEAL NUMBER	M	
C215		C	SEAL ISSUER	O	
9303	an..3	C	Sealing party, coded	R	CA = Carrier CU = Customs SH = Shipper
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
9302	an..35	C	Sealing party	N	
4517	an..3	C	SEAL CONDITION, CODED	N	

SG13 SEL-CDI

CDI PHYSICAL OR LOGICAL STATE

Function: A segment identifying the anomaly with the seal.
Usage : M..2
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
7001	an..3	M	PHYSICAL OR LOGICAL STATE QUALIFIER	M	1 = Upon receipt
C564		M	PHYSICAL OR LOGICAL STATE INFORMATION	M	
7007	an..3	C	Physical or logical state, coded	R	2 = Missing 3 = Wrong identification 4 = Damaged
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7006	an..35	C	Physical or logical state	N	

SG16 CPS-SG17-SG22

CPS CONSIGNMENT PACKING SEQUENCE

Function: A segment identifying the sequence in which physical packing is received in the consignment, e.g. boxes loaded onto a pallet.
Usage : M1
Notes : DE 7166 is dependent on the usage of more than one packaging level, i.e. it will not be used if only one level of packing is being described.

Ref.	Rep.		Name	EDIFICE Utilisation	
7164	an..12	M	HIERARCHICAL ID. NUMBER	M	Sequential numbering is recommended. The number remains unique within the message.
7166	an..12	C	HIERARCHICAL PARENT ID.	D	Identifies the hierarchical link between packaging levels by containing the hierarchical Id (DE 7164) of the package at the higher level (its parent).
7075	an..3	C	PACKAGING LEVEL, CODED	N	

SG17 PAC-QVR-SG18

PAC PACKAGE

Function: A segment reporting the number and type of identical packages which were received.
Usage : M1
Notes : The term "received", used above, does not necessarily indicate that the goods have been accepted. If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.

Ref.	Rep.		Name	EDIFICE Utilisation	
7224	n..8	C	NUMBER OF PACKAGES	R	
C531		C	PACKAGING DETAILS	N	
7075	an..3	C	Packaging level, coded	N	
7233	an..3	C	Packaging related information, coded	N	
7073	an..3	C	Packaging terms and conditions, coded	N	
C202		C	PACKAGE TYPE	R	
7065	an..17	C	Type of packages identification	R	The following codes are taken from 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. BE = Bundle BG = Bag BX = Box CG = Cage CN = Container (*) CR = Crate CS = Case CT = Carton DR = Drum EN = Envelope NE = Unpacked or unpackaged PC = Parcel PE = Pallet (*) PK = Package RL = Reel SW = Shrinkwrapped TU = Tube (*) EDIFICE code, not included in UN/ECE Recommendation No. 21
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	

SG17 PAC-QVR-SG18

QVR QUANTITY VARIANCES

Function: A segment specifying any quantity variances between the received number of packages and the accepted and despatched quantity.
Usage : D 1
Notes : The variance is defined as follows:
Variance = Received quantity - Accepted or Despatched quantity.
Example: 80 despatched,
70 received (given in PAC, DE 7224), of which 65 were accepted.

Variance of received qty against despatched qty: 70 - 80 = -10 (10 short)
Variance of received qty against accepted qty : 70 - 65 = 5 (5 more)
Specified respectively by: QVR+-10:12'
QVR+5:194+AF' (the difference of 5 between received and accepted quantities is due to damaged units)

Ref.	Rep.		Name		EDIFICE Utilisation
C279		C	QUANTITY DIFFERENCE INFORMATION	R	
6064	n..15	M	Quantity difference	M	Specify here the actual variance quantity. As shown on the above examples a minus sign means that the received quantity is smaller than the quantity given in this data element.
6063	an..3	C	Quantity qualifier	R	12 = Despatch quantity As indicated in despatch advice/ delivery note 194 = Received and accepted
4221	an..3	C	DISCREPANCY, CODED	O	AC = Over-shipped AE = Delivered but not advised AF = Goods delivered damaged AG = Delivered too late CP = Shipment partial - considered complete, no backorder
C960		C	REASON FOR CHANGE	N	
4295	an..3	C	Change reason, coded	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4294	an..35	C	Change reason	N	

SG18 PCI-SG20

PCI PACKAGE IDENTIFICATION

Function: A segment indicating whether package markings are from the buyer or the seller.
Usage : M1
Notes : The value entered in this segment is only used to enable access to the following segments within this segment group.

Ref.	Rep.		Name	EDIFICE Utilisation	
4233	an..3	C	MARKING INSTRUCTIONS, CODED	R	16 = Buyer's instructions 17 = Seller's instructions
C210		C	MARKS & LABELS	N	
7102	an..35	M	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
7102	an..35	C	Shipping marks	N	
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	

SG20 GIN-SG21

GIN GOODS IDENTITY NUMBER

Function: A segment giving the unique identification number of the package.
Usage : M1
Notes : When using bar coding this information relates to the appropriate data identifiers that indicate Licence Plate.
The package identification numbers listed relate to those described in the Despatch Advice message.

Ref.	Rep.		Name	EDIFICE Utilisation	
7405	an..3	M	IDENTITY NUMBER QUALIFIER	M	ML = Marking/label number VZ = Transport unit identification according to ISO/IEC 15459 WA = Indivisible transport unit according to ISO/IEC 15459 WB = Divisible transport unit according to ISO/IEC 15459
C208		M	IDENTITY NUMBER RANGE	M	The first DE 7402 in the composite data element is the start of the consecutively numbered range, the second DE 7402 indicates the end of the range. If there is no range only the first DE 7402 is used. If the identity numbers are not sequential and part of a series (e.g. 1,3,10) then separate CO C208 and DE 7402 must be used for each identity number.
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	

SG21 CDI-INP

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical state of the identified package upon receipt.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
7001	an..3	M	PHYSICAL OR LOGICAL STATE QUALIFIER	M	1 = Upon receipt
C564		M	PHYSICAL OR LOGICAL STATE INFORMATION	M	
7007	an..3	C	Physical or logical state, coded	R	2 = Missing 3 = Wrong identification 4 = Damaged
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7006	an..35	C	Physical or logical state	N	

SG21 CDI-INP

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage : O..2
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
C849		C	PARTIES TO INSTRUCTION	N	
3301	an..17	M	Party enacting instruction identification	N	
3285	an..17	C	Recipient of the instruction identification	N	
C522		C	INSTRUCTION	R	
4403	an..3	M	Instruction qualifier	M	1 = Action required
4401	an..3	C	Instruction, coded	R	AG = Send replacement AH = Pick-up
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4400	an..35	C	Instruction	N	
C850		C	STATUS OF INSTRUCTION	N	
4405	an..3	M	Status, coded	N	
3036	an..35	C	Party name	N	
1229	an..3	C	ACTION REQUEST/NOTIFICATION, CODED	N	

SG22 LIN-QTY-QVR-SG23-SG26-SG28

LIN LINE ITEM

Function: A segment specifying 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.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
1082	an..6	C	LINE ITEM NUMBER	R	This 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	N	
C212		C	ITEM NUMBER IDENTIFICATION	R	
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	

SG22 LIN-QTY-QVR-SG23-SG26-SG28

QTY QUANTITY

Function: A segment giving the received quantity for the line item.
Usage : D 1
Notes : Variances should be reported in the QVR segment. If there are variances then this QTY segment is needed.

Ref.	Rep.		Name		EDIFICE Utilisation
C186		M	QUANTITY DETAILS	M	
6063	an..3	M	Quantity qualifier	M	48 = Received quantity
6060	n..15	M	Quantity	M	
6411	an..3	C	Measure unit qualifier	O	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.

SG22 LIN-QTY-QVR-SG23-SG26-SG28

QVR QUANTITY VARIANCES

Function: A segment identifying quantity variances between the received quantity per line item and expected quantity per line item.
Usage : D..3
Notes : The variance is defined as follows:
Variance = Received quantity (QTY code 48) - Quantity (qualified in this QVR)
Example: 100 units were ordered,
80 despatched,
70 received (given in previous QTY), of which 65 were accepted.
Variance of received qty against ordered qty : 70 - 100 = -30 (30 short)
Variance of received qty against despatched qty: 70 - 80 = -10 (10 short)
Variance of received qty against accepted qty : 70 - 65 = 5 (5 more)
Specified respectively by: QVR+-30:21'
QVR+-10:12'
QVR+5:194+AF' (the difference of 5 between received and accepted quantities is due to damaged units)

Ref.	Rep.		Name		EDIFICE Utilisation
C279		C	QUANTITY DIFFERENCE INFORMATION	R	
6064	n..15	M	Quantity difference	M	Specify here the actual variance quantity. As shown on the above examples a minus sign means that the received quantity is smaller than the quantity given in this data element.
6063	an..3	C	Quantity qualifier	R	12 = Despatch quantity As indicated in despatch advice/ delivery note 21 = Ordered quantity 194 = Received and accepted
4221	an..3	C	DISCREPANCY, CODED	O	AC = Over-shipped AE = Delivered but not advised AF = Goods delivered damaged AG = Delivered too late CP = Shipment partial - considered complete, no backorder
C960		C	REASON FOR CHANGE	N	
4295	an..3	C	Change reason, coded	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4294	an..35	C	Change reason	N	

SG23 CDI-INP

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the physical state of the line item upon receipt.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
7001	an..3	M	PHYSICAL OR LOGICAL STATE QUALIFIER	M	1 = Upon receipt
C564		M	PHYSICAL OR LOGICAL STATE INFORMATION	M	
7007	an..3	C	Physical or logical state, coded	R	2 = Missing 3 = Wrong identification 4 = Damaged
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7006	an..35	C	Physical or logical state	N	

SG23 CDI-INP

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage : O..4
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
C849		C	PARTIES TO INSTRUCTION	N	
3301	an..17	M	Party enacting instruction identification	N	
3285	an..17	C	Recipient of the instruction identification	N	
C522		C	INSTRUCTION	R	
4403	an..3	M	Instruction qualifier	M	1 = Action required
4401	an..3	C	Instruction, coded	R	AA = Send credit note AB = Change invoice AG = Send replacement AH = Pick-up
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4400	an..35	C	Instruction	N	
C850		C	STATUS OF INSTRUCTION	N	
4405	an..3	M	Status, coded	N	
3036	an..35	C	Party name	N	
1229	an..3	C	ACTION REQUEST/NOTIFICATION, CODED	N	

SG26 GIN-SG27

GIN GOODS IDENTITY NUMBER

Function: A segment providing identity numbers of goods received or missing.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
7405	an..3	M	IDENTITY NUMBER QUALIFIER	M	BN = Serial number BX = Batch number
C208		M	IDENTITY NUMBER RANGE	M	The first DE 7402 in the composite element is the start of the consecutively numbered range, the second DE 7402 indicates the end of the range. If there is no range only the first DE 7402 is used. If the identity numbers are not sequential and part of a series (e.g. 1,3,and 10) then a separate CO C208 and DE 7402 must be used for each identity number.
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	
C208		C	IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M	Identity number	M	
7402	an..35	C	Identity number	D	

SG27 CDI-INP

CDI PHYSICAL OR LOGICAL STATE

Function: A segment reporting the receiving conditions for the identified goods.
Usage : M1
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
7001	an..3	M	PHYSICAL OR LOGICAL STATE QUALIFIER	M	1 = Upon receipt
C564		M	PHYSICAL OR LOGICAL STATE INFORMATION	M	
7007	an..3	C	Physical or logical state, coded	R	2 = Missing 3 = Wrong identification 4 = Damaged
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7006	an..35	C	Physical or logical state	N	

SG27 CDI-INP

INP PARTIES TO INSTRUCTION

Function: A segment giving an instruction to correct the reported discrepancy.
Usage : O..4
Notes :

Ref.	Rep.		Name	EDIFICE Utilisation	
C849		C	PARTIES TO INSTRUCTION	N	
3301	an..17	M	Party enacting instruction identification	N	
3285	an..17	C	Recipient of the instruction identification	N	
C522		C	INSTRUCTION	R	
4403	an..3	M	Instruction qualifier	M	1 = Action required
4401	an..3	C	Instruction, coded	R	AA = Send credit note AB = Change invoice AG = Send replacement AH = Pick-up
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4400	an..35	C	Instruction	N	
C850		C	STATUS OF INSTRUCTION	N	
4405	an..3	M	Status, coded	N	
3036	an..35	C	Party name	N	
1229	an..3	C	ACTION REQUEST/NOTIFICATION, CODED	N	

SG28 RFF-DTM

RFF REFERENCE

Function: A segment specifying a document reference number.
Usage : M1
Notes : Where references do not apply to the whole message they must appear here. When the order number is being referenced at the header level it may be referenced again here if the order line number needs to be indicated.

Ref.	Rep.		Name	EDIFICE Utilisation	
C506		M	REFERENCE	M	
1153	an..3	M	Reference qualifier	M	IV = Invoice number ON = Order number (purchase) VN = Order number (vendor)
1154	an..35	C	Reference number	R	As specified in DE 1153
1156	an..6	C	Line number	D	To hold the line number within the referenced document identified in the RFF segment (DE 1154). That is the case when DE 1153 = 'ON'.
4000	an..35	C	Reference version number	N	

SG28 RFF-DTM

DTM DATE/TIME/PERIOD

Function: A segment specifying the date/time 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

UNT MESSAGE TRAILER

Function: A service segment ending, and providing information for checking the completeness of a message.
Usage : M1
Notes : Refer to EDIFICE utilisation of the UN/EDIFACT service segments, Issue EDSS04.

Ref.	Rep.		Name	EDIFICE Utilisation	
0074	n..6	M	NUMBER OF SEGMENTS IN A MESSAGE	M	Count of all segments in the message, UNH and UNT included.
0062	an..14	M	MESSAGE REFERENCE NUMBER	M	Must be the same reference number as in DE 0062 of the UNH segment of this message.

EXAMPLES

The following examples provide help on how to use this message:

Example 1 - An example of a complete Receiving Advice response to a Despatch Advice based on the actual receipt. The example Despatch Advice is taken from the Despatch Advice message guide.

Example 2 - An example of a response indicating that there are no discrepancies.

Example 3 - Use of the Cancellation and Replace options.

EXAMPLE 1

The following example is based on the example 4 found in the Despatch Advice (DESADV) message guide (Issue 1, D.97A).

The example is reproduced here with an example of a possible Receiving Advice response based on the following receipt conditions:

- The Packing List document is damaged and difficult to read
- Vehicle licence number does not match number in DESADV
- The seal on the vehicle is damaged.
- Pallet 2 only contains 2 boxes instead of the 3 detailed in the DESADV.
- Pallet 1 is missing 50 items from box 1.

DESPATCH ADVICE EXAMPLE: Details of International shipment going by road. Seller has responsibility for the transport of goods.

The following example of a Despatch Advice message provides the description of a shipment of goods that have been despatched by the supplier of the goods, identified as Company A. The buyer of the goods is identified as Company B and the warehouse where the goods are to be delivered to is identified as Location B.

The Despatch Advice, reference number 01-5678ML, is sent on the 20th April 2001 at 14:50. The goods to be despatched are a complete shipment of the goods purchased on the 17th April 2001 according to the buyer's purchase order number PO505054. They are despatched on the 20th April at 14:30 and are expected to arrive the next day at 12:00.

The Despatch Advice refers to a shipment of goods containing 2 pallets, each pallet uniquely identified by a bar coded serial shipping code.

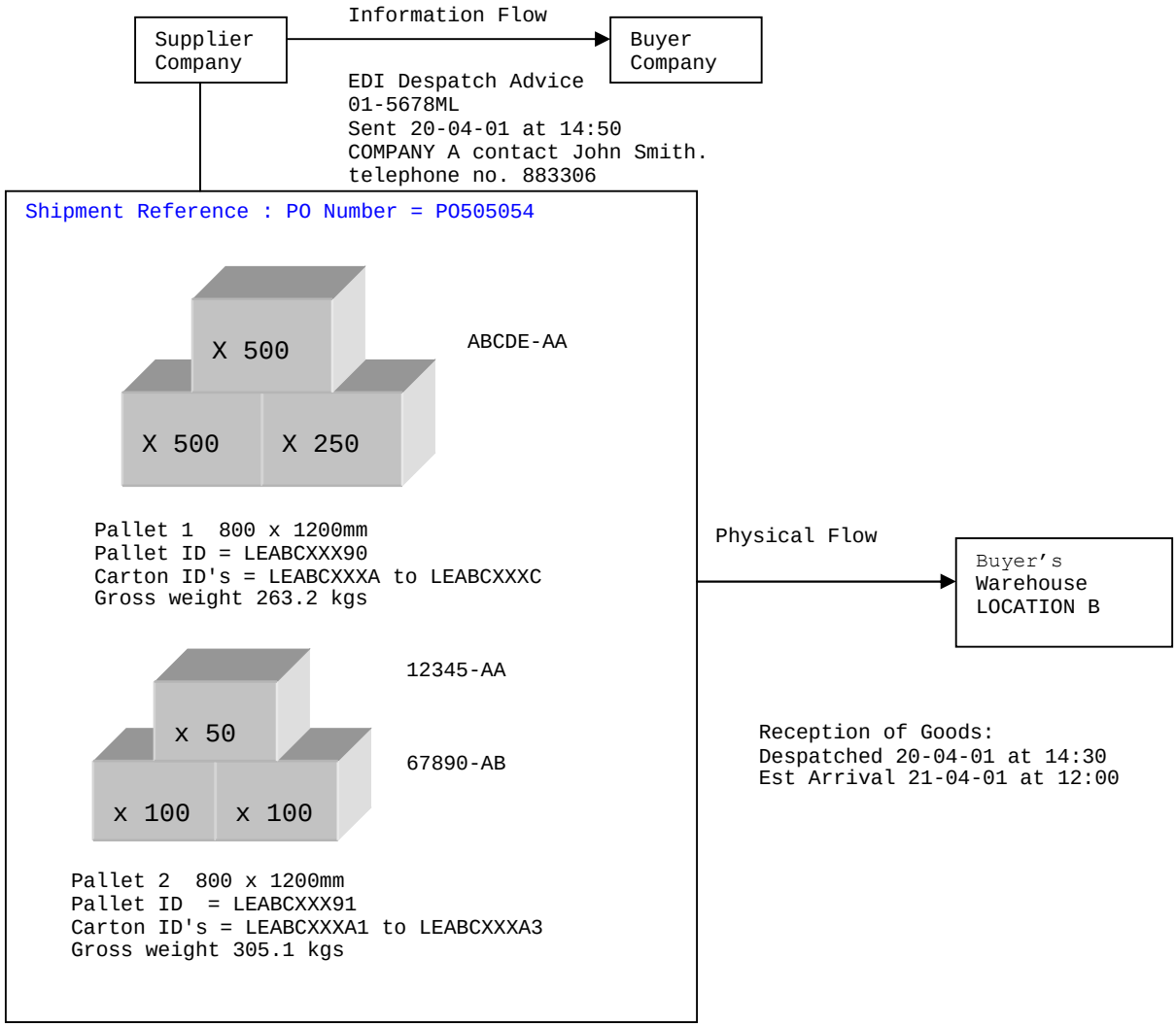
The first pallet is identified by a license plate LEABCXXX90 and contains 3 cartons of the product identified by the number ABCDE-AA, each carton containing a number of units. The pallet is a standard 800mm x 1200mm pallet with a gross weight of 263.2 kilograms.

The second pallet has a license plate of LEABCXXX91 and has a mixed product load; 1 carton of product 12345-AA, and 2 cartons of product 67890-AB. The pallet has the same dimensions as the first one with a gross weight of 305.1 kilograms.

Each of the cartons have their own associated bar-coded Package ID, i.e. a license plate number.

A contact code is given for Company A along with a telephone number.

The Despatch Advice describes the shipment as being composed of two pallets, providing for each pallet a description of the type of pallet in terms of dimensions and weight, as well as the pallet's unique identity number (serial shipping container code). The contents of each pallet is then described in terms of the despatch units it contains including the package serial number.


Information Flow
Supplier Company
Buyer Company
EDI Despatch Advice
01-5678ML
Sent 20-04-01 at 14:50
COMPANY A contact John Smith.
telephone no. 883306
Shipment Reference : PO Number = PO505054
X 500
X 500
X 250
ABCDE-AA
Pallet 1 800 x 1200mm
Pallet ID = LEABCXXX90
Carton ID's = LEABCXXXA to LEABCXXXC
Gross weight 263.2 kgs
x 50
x 100
x 100
12345-AA
67890-AB
Pallet 2 800 x 1200mm
Pallet ID = LEABCXXX91
Carton ID's = LEABCXXXA1 to LEABCXXXA3
Gross weight 305.1 kgs
Physical Flow
Buyer's Warehouse LOCATION B
Reception of Goods:
Despatched 20-04-01 at 14:30
Est Arrival 21-04-01 at 12:00

The following example uses PACKAGE related logic i.e. there is a one to one relationship between the CPS and PAC segments.

UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+RECADV++1+X+1'	
UNH+1+RECADV:D:97A:UN:EDRC02'	Message Header
BGM+352+93-777777+9'	Receipt number 93-777777
DTM+137:199304211450:203'	Date/time of receiving advice
DTM+50:199304211100:203'	Goods receipt date and time
RFF+AAK:93-5678ML'	Despatch Advice number
RFF+ON:PO505054'	Purchase Order number
DTM+171:19930417:102'	Date of PO
DOC+271'	Packing list
CDI+1+4'	Damaged
INP++1:AG'	Send replacement
NAD+CN+COMPANYA::91'	Consignor (sender of goods)
NAD+CZ+COMPANYB::91'	Consignee (receiver of goods)
TDT+13+++++++:::H1235 CFD'	At destination vehicle licence plate
CDI+1+3'	Licence plate incorrect.
EQD+TE'	Trailer
SEL+ABCD123456+CU'	Trailer seal no. assigned by Customs
CDI+1+4'	Indicates seal is damaged
CPS+1'	1st unit load
PAC+1++SW'	Unit load is shrinkwrapped
PCI+17'	Labels/ID's supplied by seller
GIN+ML+ABCXXX90'	Unit identification
CPS+2+1'	Second level of description
PAC+1++BX'	1st box, 1st unit load
PCI+17'	Labels/ID's supplied by seller
GIN+ML+ABCXXXA'	Package ID of box
LIN+1++ABCDE-AA:VP::91'	First line item
QTY+48:450'	450 x ABCDE-AA received
QVR+-50:12'	Variance of 50 against despatched number
CDI+1+2'	Items missing
INP++1:AE'	Change invoice
CPS+3'	2nd unit load
PAC+2++BX'	Pallet contains 2 boxes
QVR+-1:12'	Variance of 1 vs despatched quantity
UNT+34+1'	Message Trailer
UNZ+1+66'	

EXAMPLE 2 - Indicating that there are no discrepancies.

```
UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+RECADV++1+X+1'
UNH+1+RECADV:D:97A:UN:EDRC02'          Message Header

BGM+352+93-777777+9'                   Receipt number 93-777777
DTM+137:199304211450:203'              Date/time of receiving advice
DTM+50:199304211100:203'               Goods receipt date and time
RFF+AAK:93-5678ML'                     Despatch Advice number
NAD+CN+COMPANYA::91'                   Consignor (sender of goods)
NAD+CZ+COMPANYB::91'                   Consignee (receiver of goods)

UNT+8+1'                               Message Trailer
UNZ+1+66'
```

EXAMPLE 3 - Use of Cancellation and Replace options

CANCELLATION

```
UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+RECADV++1+X+1'
UNH+1+RECADV:D:97A:UN:EDRC02'          Message Header

BGM+352+93-777777+9'                   Receipt number 93-777777 cancelled
DTM+137:199304211450:203'              Date/time of receiving advice
NAD+CN+COMPANYA::91'                   Consignor (sender of goods)
NAD+CZ+COMPANYB::91'                   Consignee (receiver of goods)

UNT+6+1'                               Message Trailer
UNZ+1+66'
```

REPLACE

In this example the Seal and Vehicle licence information has been omitted.

```
UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+RECADV++1+X+1'
UNH+1+RECADV:D:97A:UN:EDRC02'          Message Header
BGM+352+93-777777+5'                   Replace previous RECADV with this.
DTM+137:199304211450:203'              Date/time of receiving advice
DTM+50:199304211100:203'               Goods receipt date and time
RFF+AAK:93-5678ML'                     Despatch Advice number
RFF+ON:PO505054'                       Purchase Order number
DTM+171:19930417:102'                  Date of PO
DOC+271'                               Packing list
CDI+1+4'                               Damaged
INP++1:AG'                             Send replacement
NAD+CN+COMPANYA::91'                   Consignor (sender of goods)
NAD+CZ+COMPANYB::91'                   Consignee (receiver of goods)
CPS+1'                                 1st unit load
PAC+1++SW'                             Unit load is shrinkwrapped
PCI+17'                                Labels/ID's supplied by seller
GIN+ML+ABCXXX90'                       Unit identification

CPS+2+1'                               Second level of description
PAC+1++BX'                             1st box, 1st unit load
PCI+17'                                Labels/ID's supplied by seller
GIN+ML+ABCXXXA'                        Package ID of box
LIN+1++ABCDE-AA:VP::91'                First line item
QTY+48:450'                            450 x ABCDE-AA received
QVR+-50:12'                            Variance of 50 against despatched number
CDI+1+2'                               Items missing
INP++1:AE'                             Change invoice

CPS+3'                                 2nd unit load
PAC+2++BX'                             Pallet contains 2 boxes
QVR+-1:12'                             Variance of 1 vs despatched quantity

UNT+29+1'                              Message Trailer
UNZ+1+66'
```