



The Global Network for B2B Integration in High Tech Industries

EDIFICE Message Implementation Guideline International Forward & Transport Message, Instruction

IFTMIN Issue EDTI10

Endorsed on June 15 2011

Based on UN/EDIFACT D.10A IFTMIN message

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COMPARISON TO PREVIOUS ISSUE

Issue EDTI10 of 1 June 2011: Upgrade to UN/EDIFACT Directory D.10A

EDIFICE recommends to make use of EDIFACT code lists.

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

The summary of changes in this MIG is listed below:

Place	EDIFICE Code (*)	Replaced with EDIFACT code/EDIFICE code (*)/Removed/Added
All DTM-2005	X03=CCYYMMDDHHMMZZZZZ (*) X04=CCYYMMDDHHMMSSZZZZZ (*)	205=CCYYMMDDHHMMZHHMM Removed
SG13-DTM	Occurrence 1	Occurrence 9
SG18	Occurrence 999	Occurrence 99999

Issue EDTI03 of 1 June 2005:

- Upgrade to UN/EDIFACT Code list D.04B
- SG18 Deletion of the note saying SG32 requires a DMR to increase the occurrence from 9 to 9999. SG18 can itself be repeated 9999 times, SG32 is within SG18 loop. 9 Occurrences of SG32 is sufficient.
- Replacement of EDIFICE codes with standard codes.
- SG18 - GID - DE 7065:
 - 'CN' Container replaced with 'CN' Container, not otherwise specified as transport equipment
 - 'PE' Pallet replaced with 'PX' Pallet
- SG7 - TCC - DE 8023
 - EDIFICE code '207000' Delivery charges was replaced with the standard code '208000' Delivering Charges
 - Codes '100000' Freight Charges and '105000' Pre-Carriage Charges are also standard codes.
 - Correction of the examples according to the code changes.

21 May 2003 :

- EDIFICE Utilisation for SG11; SG21 DIM C211; SG31 MOA C516, QTY C186; SG31 DIM C211: changed from 'R' to 'M' according to UN/EDIFACT specifications – this does not affect the functionality of the message.
- EDIFIX 4.2 Technical upgrade; review and correction of examples

Issue EDTI02 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A

- Addition of the following code value:
 - SG18, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
 - 'EN' International Article Numbering Association (EAN)
 - 'UP' UPC (Universal product code)
 - DE 3055 code '113' US, UCC (Uniform Code Council)

Issue EDTI02 of 29 May 2002 –addition of recommended set of DTM qualifiers

Issue EDTI02 of 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:
 - SG23, 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.

24 November 1999 :

Addition of UN/ECE Recommendation No 21 qualifiers in SG18 GID C213/7065

BA = Barrel

CN = Container (*)

PE = Pallet (*)

RO = Roll

(*) EDIFICE code, not included in UN/ECE Recommendation No. 21

EDIFICE FUNCTIONAL DEFINITION

Introduction

A message from the party issuing an instruction regarding forwarding/transport services for a consignment under conditions agreed, to the party arranging the forwarding and/or transport services.

The message also caters for both the 'replace' and 'cancellation' functions by the use of the appropriate codes in the BGM segment.

A consignor or consignee may send an instruction.

An IFTMIN message covers one consignment, which may correspond to one or many Despatch Advice (DESADV) messages.

The IFTMIN message can be used in two ways:

1. To instruct a carrier/forwarder to carry out the transportation of a consignment. This is the normal usage of the IFTMIN message. In this case use qualifier '340' Shipping instructions, in the BGM segment.
2. To instruct a carrier/forwarder that goods items are being delivered to him and to provide instructions regarding the forwarding of this consignment. In this case use qualifier '610' Forwarding instructions, in the BGM segment.

Principles

- EDIFICE recommends that when there is a one-to-one relationship between a DESADV message and an IFTMIN message, the same document reference number i.e. the shipment number, should be identified in the BGM segment of both messages.
- When an IFTMIN message relates to more than one DESADV message, the IFTMIN message should refer to the respective despatch advices at line item level.
- Before an IFTMIN message is sent, the consignor may make a booking electronically or by other means, and consequently receive a shipping document number from the carrier/forwarder e.g. air waybill, house waybill or bill of lading. This document should then be referenced at header level, with the appropriate qualifier.
- It is assumed that there is a business or commercial agreement that defines all standard, basic trading terms and conditions agreed between the two parties.
To indicate the payment of freight charges, prepaid or collect, that could be done either in segment TCC of SG7 or in segment CPI of SG6.
The reason for including SG6 CPI segment is that in some countries the explicit use of segment CPI is required to carry the prepaid/collect indicator. If parties agree to use SG7, the SG6 could be excluded.
- Where the carrier/forwarder performs customs clearance on behalf of the shipper, information required for this purpose must be sent in SG31.
- Goods items in a consignment normally have one pick-up point and one delivery point. However, where this is not the case, it is recommended to uniquely identify the transport details for each pick-up point and delivery point.
- Goods items details are provided in SG18. This segment group may include details for each package in the consignment or for many packages. Where many packages are included, the weight and dimensions for each package must be identical.
- Goods items:
 - Several goods items may be in one consignment.
 - Goods items may be transported in containers.
 - A goods item may be transported in one or more containers, and a single container may contain one or more goods items.
 - One goods item may be related to one or more customs tariff codes.
 - Goods items related to one customs tariff code may be carried in one or more containers.

REFERENCES

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

EXPLANATORY NOTES

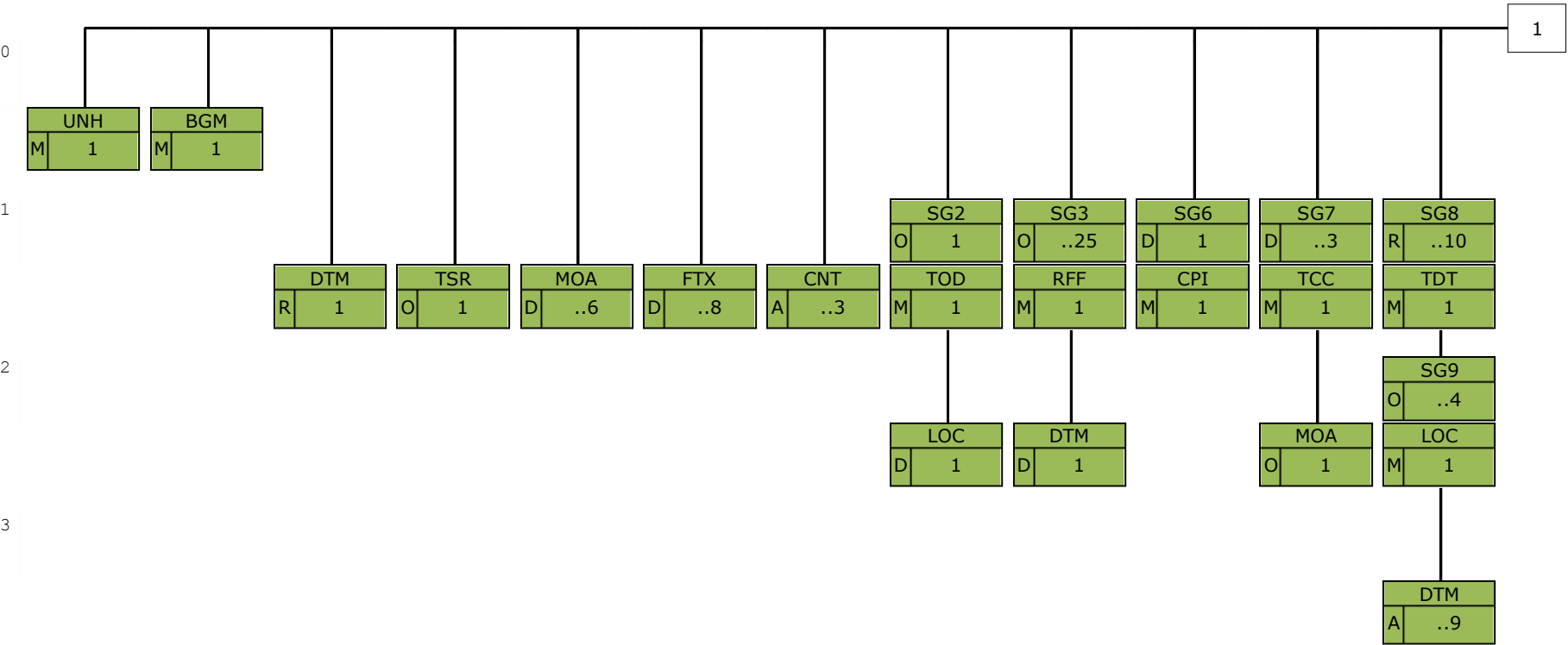
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

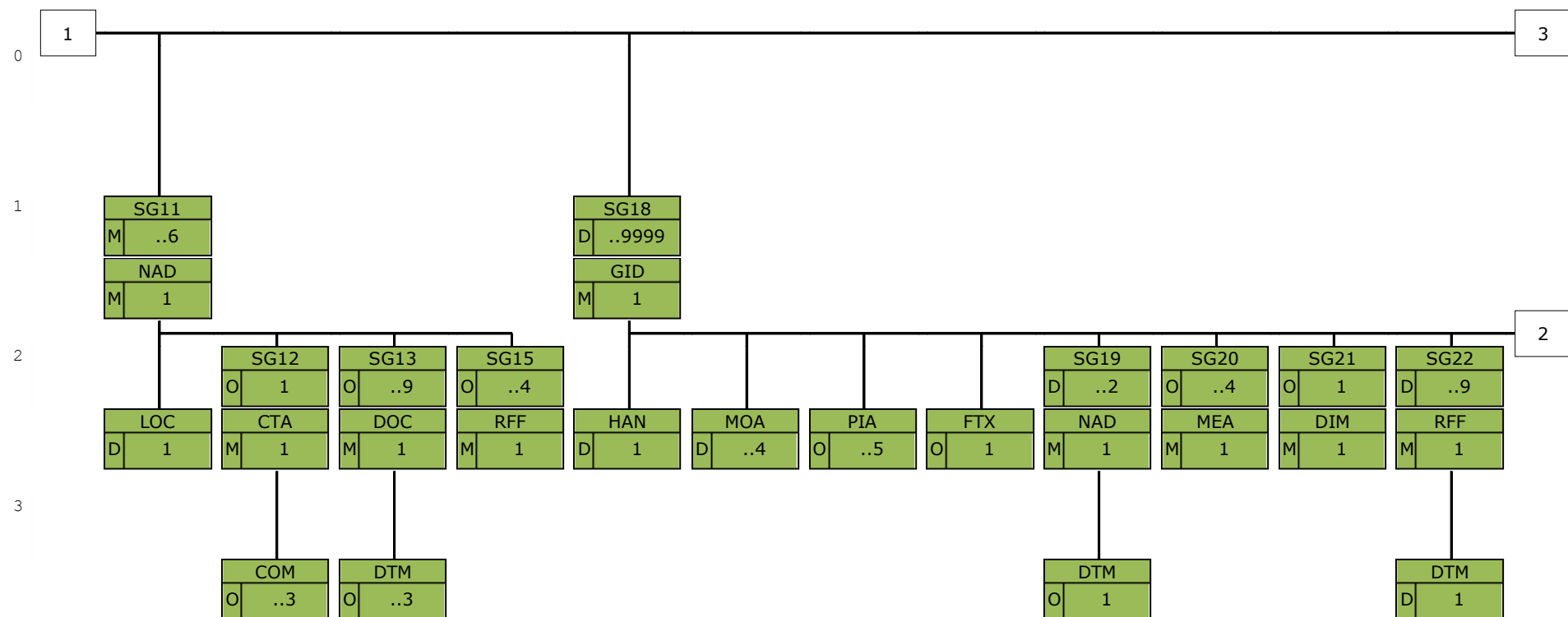
MESSAGE STRUCTURE CHART

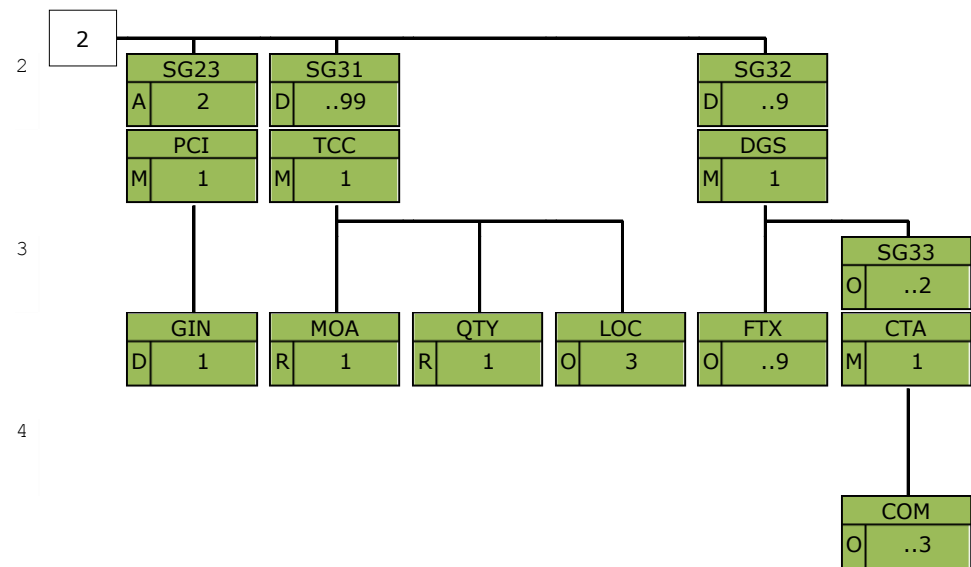
UNH	Message header	M 1
BGM	Beginning of message	M 1
DTM	Date/time/period	R 1
TSR	Transport service requirements	O 1
MOA	Monetary amount	D ..6
FTX	Free text	D ..8
CNT	Control total	A ..3
SG2		O 1
TOD	Terms of delivery or transport	M 1
LOC	Place/location identification	D 1
SG3		O ..25
RFF	Reference	M 1
DTM	Date/time/period	D 1
SG6		D 1
CPI	Charge payment instructions	M 1
SG7		D ..3
TCC	Charge/rate calculations	M 1
MOA	Monetary amount	O 1
SG8		R ..10
TDT	Transport information	M 1
SG9		O ..4
LOC	Place/location identification	M 1
DTM	Date/time/period	A ..9
SG11		M ..6
NAD	Name and address	M 1
LOC	Place/location identification	D 1
SG12		O 1
CTA	Contact information	M 1
COM	Communication contact	O ..3
SG13		O ..9
DOC	Document/message details	M 1
DTM	Date/time/period	O ..3
SG15		O ..4
RFF	Reference	M 1
SG18		D ..9999
GID	Goods item details	M 1
HAN	Handling instructions	D 1
MOA	Monetary amount	D ..4
PIA	Additional product id	O ..5
FTX	Free text	O 1
SG19		D ..2
NAD	Name and address	M 1
DTM	Date/time/period	O 1
SG20		O ..4
MEA	Measurements	M 1
SG21		O 1
DIM	Dimensions	M 1
SG22		D ..9
RFF	Reference	M 1
DTM	Date/time/period	D 1
SG23		A 2
PCI	Package identification	M 1
GIN	Goods identity number	D 1
SG31		D ..99
TCC	Charge/rate calculations	M 1
MOA	Monetary amount	R 1

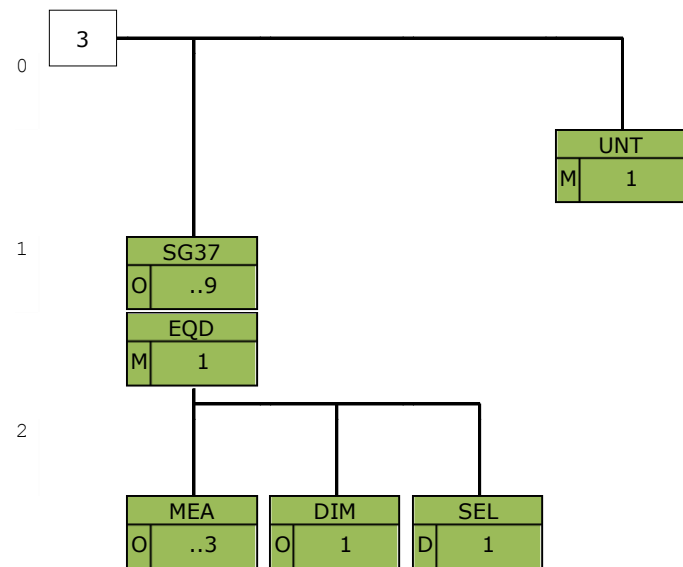
QTY	Quantity	R 1
LOC	Place/location identification	O 3
SG32		D..9
DGS	Dangerous goods	M 1
FTX	Free text	O..9
SG33		O..2
CTA	Contact information	M 1
COM	Communication contact	O..3
SG37		O..9
EQD	Equipment details	M 1
MEA	Measurements	O..3
DIM	Dimensions	O 1
SEL	Seal number	D 1
UNT	Message trailer	M 1

BRANCHING DIAGRAM









SEGMENT DESCRIPTION

UNH Message header

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

BGM Beginning of message

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

DTM Date/time/period

Function: A segment specifying the date/time of creation of the message.
Usage: R 1

TSR Transport service requirements

Function: A segment specifying the contract and carriage condition, the loads requirement, and the transport priority for the entire consignment.
Usage: O 1

MOA Monetary amount

Function: A segment specifying a monetary amount for the entire consignment.
Usage: D ..6

FTX Free text

Function: A segment specifying supplementary information for the entire consignment.
Usage: D ..8

CNT Control total

Function: A segment specifying the weight, volume and quantity of the packages within the entire consignment.
Usage: A ..3

SG2 TOD-LOC

Function: A group of segments specifying the terms of delivery for the whole message.
Usage: O 1
Notes: 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 terms of delivery for the entire consignment.
Usage: M 1

LOC Place/location identification

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

SG3 RFF-DTM

Function: A group of segments referencing documents and their dates/times, relating to the entire consignment.
Usage: O ..25
Notes: Normally references are specified at the goods item level. Where the information refers to the entire consignment it must be in SG3. Where the information is not the same for every goods item it must appear in every SG22, and not here.
The DTM segment must be sent where local law requires the date of a reference document to be sent.

RFF Reference

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

DTM Date/time/period

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

SG6 CPI

Function: A group of segments to indicate how the payment of freight charges should take place.
Usage: D 1
Notes: If there is a need to indicate how the payment of freight charges should take place, in some countries the explicit use of the CPI segment is required.
If CO C200 DE 4237 is used in the TCC segment of SG7, SG6 should not be used.

CPI Charge payment instructions

Function: A segment indicating how the payment of freight charges should take place.
Usage: M 1

SG7 TCC-MOA

Function: A group of segments specifying freight charges associated with the transport.
Usage: D..3
Notes: SG7 is only used when there is a need to specify the freight charges associated with the transport.

TCC Charge/rate calculations

Function: A segment specifying a charge and its settlement.
Usage: M 1

MOA Monetary amount

Function: A segment specifying a monetary charge amount.
Usage: O 1

SG8 TDT-SG9

Function: A group of segments specifying transport details.
Usage: R..10
Notes: SG8 will be repeated for specifying the mode of transportation for successive stages e.g. road, air.

TDT Transport information

Function: A segment specifying the stage and mode of transport, the identification of the means of transport, and if necessary the carrier information.
Usage: M 1

SG9 LOC-DTM

Function: A group of segments specifying locations and dates/times related to the stage of transport.
Usage: O..4
Notes:

LOC Place/location identification

Function: A segment identifying the location.
Usage: M 1

DTM Date/time/period

Function: A segment specifying a date/time for the specified location.
Usage: A..9

SG11 NAD-LOC-SG12-SG13-SG15

Function: A group of segments identifying the parties involved and their associated information, relevant to the whole message.
Usage: M..6

Notes: As a minimum NAD segments identifying the consignor (CZ) and the consignee (CN) must be present. If the goods items specified in SG18 (GID segment) have different delivery addresses, the relevant addresses need to be specified in the NAD segment in SG19 and not here.

The LOC segment is only to be used if more details regarding specific places and locations of the party specified in NAD are required, e.g. site, gate, building or dock number.

NAD Name and address

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

LOC Place/location identification

Function: A segment specifying a location or place relevant to the specified party.
Usage: D1

SG12 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

SG13 DOC-DTM

Function: A group of segments identifying documents, and their dates, required by an identified party.
Usage: O..9
Notes:

DOC Document/message details

Function: A segment identifying a required document.
Usage: M1

DTM Date/time/period

Function: A segment specifying the date/time of the identified document.
Usage: O..3

SG15 RFF

Function: A group of segments giving references relating to the identified party.
Usage: O..4
Notes:

RFF Reference

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

SG18 GID-HAN-MOA-PIA-FTX-SG19-SG20-SG21-SG22-SG23-SG31-SG32

Function: A group of segments providing details of goods items i.e. shippable units/packages and its material content.
Usage: D..9999

Notes: SG18 is dependent on the message function stated in the BGM segment.
 When an original message or a replace is sent, this group of segments is required, but when a cancellation is sent, it is not required.
 The HAN segment is always used when the package contains hazardous materials, and in other cases as appropriate.
 The MOA segment is used if required by the consignee to undertake customs clearance procedures.
 SG19 is used when goods items have different pick-up and/or delivery addresses.
 Normally references are specified at the goods item level, SG22. Where the information refers to the entire consignment it must be in SG3.
 SG31 is used to give information to a Forwarder/Agent, when making a customs declaration on behalf of the Exporter/Consignor.
 SG32 must be sent when at least one of the goods items is classified as dangerous goods.

GID Goods item details

Function: A segment describing the number and package type for the goods item.
 The segment also carries a sequence number assigned to the goods item within the message.
 Usage: M1

HAN Handling instructions

Function: A segment specifying package handling and giving notification of hazardous material for the goods item.
 Usage: D 1

MOA Monetary amount

Function: A segment specifying a monetary amount associated with the goods item.
 Usage: D..4

PIA Additional product id

Function: A segment providing additional identification numbers for the goods item.
 Usage: O..5

FTX Free text

Function: A segment providing a high level description of the material, contained within the shippable unit/package.
 Usage: O 1

SG19 NAD-DTM

Function: A group of segments identifying different despatch and/or delivery parties and their associated information, and related dates/times for the goods item.
 Usage: D..2
 Notes: If the goods items specified in SG18 (GID segment) have the same delivery address, this address should be specified in the NAD segment in SG11 and not here.

NAD Name and address

Function: A segment identifying the coded identification, name and address of a despatch and/or delivery party.
 Usage: M 1

DTM Date/time/period

Function: A segment specifying a date/time relating to the identified party.
 Usage: O 1

SG20 MEA

Function: A group of segments specifying measurements, other than dimensions, applicable to a goods item.
 Usage: O..4
 Notes:

MEA Measurements

Function: A segment specifying a measurement.
 Usage: M1

SG21 DIM

Function: A group of segments specifying dimensions applicable to a goods item or part of a goods item.
Usage: O 1
Notes:

DIM Dimensions

Function: A segment specifying the dimensions.
Usage: M 1

SG22 RFF-DTM

Function: A group of segments specifying identity numbers and referencing documents and their dates/times, associated with the goods item.
Usage: D ..9
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 an identity number or a document reference number.
Usage: M 1

DTM Date/time/period

Function: A segment indicating the date/time of the reference document.
Usage: D 1

SG23 PCI-GIN

Function: A group of segments specifying packaging identification numbers and shipping marks.
Usage: A 2
Notes: When this information is barcoded, it must be preceded by the appropriate data identifiers. However, if the same shipping marks are valid for all goods items, the shipping marks can be inserted at header level, in the FTX segment, using qualifier 'PAC'.

PCI Package identification

Function: A segment specifying packaging identification numbers or shipping marks for the goods item.
Usage: M 1

GIN Goods identity number

Function: A segment specifying the licence plate number.
Usage: D 1

SG31 TCC-MOA-QTY-LOC

Function: A group of segments specifying information for customs reporting as to the goods items.
Usage: D ..99
Notes:

TCC Charge/rate calculations

Function: A segment specifying the Harmonized system number and related rate details.
Usage: M 1

MOA Monetary amount

Function: A segment specifying the Customs value for a Harmonized system number.
Usage: R 1

QTY Quantity

Function: A segment specifying the delivery quantity for a Harmonized system number.
Usage: R 1

LOC Place/location identification

Function: A segment indicating a location where customs clearance should take place, and the country of origin of the goods.
Usage: O 3

SG32 DGS-FTX-SG33

Function: A group of segments specifying dangerous goods details related to the goods items.
Usage: D..9
Notes: Segment DGS indicates the class of dangerous goods, packing group, etc.

DGS Dangerous goods

Function: A segment specifying dangerous goods regulatory and identification information related to the goods items.
Usage: M 1

FTX Free text

Function: A segment specifying additional dangerous goods information
Usage: O..9

SG33 CTA-COM

Function: A group of segments identifying the people, functions, departments and appropriate numbers to whom communications regarding dangerous goods should be directed.
Usage: O..2
Notes:

CTA Contact information

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

COM Communication contact

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

SG37 EQD-MEA-DIM-SEL

Function: A group of segments specifying information relative to the material handling equipment used for the transportation of goods.
Usage: O..9
Notes: The SEL segment is used if a seal has been placed on the equipment.

EQD Equipment details

Function: A segment identifying a unit of equipment.
Usage: M 1

MEA Measurements

Function: A segment specifying a measurement, other than dimensions, associated with the identified unit of equipment.
Usage: O..3

DIM Dimensions

Function: A segment specifying gross dimensions, associated with the identified unit of equipment.
Usage: O 1

SEL Seal number

Function: A segment specifying a seal number and party responsible, for the identified unit of equipment.
Usage: D 1

UNT Message trailer

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

SEGMENT DETAILS

UNH

UNH Message header

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

Usage : M1

Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDSS10

Ref.	Rep.	Name		EDIFICE Utilisation
0062	an..14	M MESSAGE REFERENCE NUMBER	M	Transmission message count from 1 IFTMIN = Instruction message D = Draft version/UN/EDIFACT Directory 10A = Release 2010 - A UN = UN/CEFACT EDTI10 = International Forward & Transport message, Instruction Issue EDTI10
S009		M MESSAGE IDENTIFIER	M	
0065	an..6	M Message type	M	
0052	an..3	M Message version number	M	
0054	an..3	M Message release number	M	
0051	an..3	M Controlling agency, coded	M	
0057	an..6	C Association assigned code	R	
0110	an..6	C Code list directory version number	N	
0113	an..6	C Message type sub-function identification	N	
0068	an..35	C COMMON ACCESS REFERENCE	N	
S010		C STATUS OF THE TRANSFER	N	
0070	n..2	M Sequence of transfers	N	
0073	a1	C First and last transfer	N	
S016		C MESSAGE SUBSET IDENTIFICATION	N	
0115	an..14	M Message subset identification	N	
0116	an..3	C Message subset version number	N	
0118	an..3	C Message subset release number	N	
0051	an..3	C Controlling agency, coded	N	
S017		C MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION	N	
0121	an..14	M Message implementation guideline identification	N	
0122	an..3	C Message implementation guideline version number	N	
0124	an..3	C Message implementation guideline release number	N	
0051	an..3	C Controlling agency, coded	N	
S018		C SCENARIO IDENTIFICATION	N	
0127	an..14	M Scenario identification	N	
0128	an..3	C Scenario version number	N	
0130	an..3	C Scenario release number	N	
0051	an..3	C Controlling agency, coded	N	

BGM Beginning of message

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

Usage : M1

Notes : Cancellation:

When DE 1225 contains '1' then only the BGM, DTM, SG8 TDT and SG11 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 complete 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	340 = Shipping instructions 610 = Forwarding instructions
1001	an..3	C Document name code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
1000	an..35	C Document name	N	
C106		C DOCUMENT/MESSAGE IDENTIFICATION	R	In case the instructions deals with a shipment covered by one Despatch Advice, the recommendation is that the shipment number to be used to uniquely identify the international forward & transport instruction. The shipment number is a unique number, created by the supplying company, which will be used to identify the shipment from the supplier through to the receiving location's receipt validation step.
1004	an..70	C Document identifier	R	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	
1225	an..3	C MESSAGE FUNCTION CODE	R	
				1 = Cancellation 5 = Replace 9 = Original
4343	an..3	C RESPONSE TYPE CODE	N	

DTM Date/time/period

Function: A segment specifying the date/time of creation of the message.

Usage : R 1

Notes : All dates and times are local.

Ref.	Rep.	Name	EDIFICE Utilisation	
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date or time or period function code qualifier	M	137 = Document issue date time Date when the document is created
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	R	102 = CCYYMMDD 102 = CCYYMMDD 203 = CCYYMMDDHHMM 205 = CCYYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYYMMDDHHMMZZZZZ</i> 303 = CCYYMMDDHHMMZZZ <i>ZZZ = Time zone</i> 304 = CCYYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i>

TSR Transport service requirements

Function: A segment specifying the contract and carriage condition, the loads requirement, and the transport priority for the entire consignment.

Usage : 01

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C536		C CONTRACT AND CARRIAGE CONDITION	R	
4065	an..3	M Contract and carriage condition code	M	2 = Special agreement for parcels transport 3 = Special agreement for full loading transport 5 = FIATA combined transport bill of lading 7 = Normal tariff, parcels transport 8 = Normal tariff, full loading transport 10 = Port to port 11 = CMR carnet 12 = Special tariff, parcels transport 13 = Special tariff, full transport 27 = Door-to-door DTP = Door to port (*) PTD = Port to door (*) (*) EDIFICE code
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C233		C SERVICE	N	
7273	an..3	M Service requirement code	M	1 = Carrier loads 2 = Full loads 3 = Less than full loads 4 = Shipper loads
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
7273	an..3	C Service requirement code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C537		C TRANSPORT PRIORITY	O	
4219	an..3	M Transport service priority code	M	1 = Express 2 = High speed 3 = Normal speed 4 = Post service
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C703		C NATURE OF CARGO	N	
7085	an..3	M Cargo type classification code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	

MOA Monetary amount

Function: A segment specifying a monetary amount for the entire consignment.

Usage : D..6

Notes : The MOA segment must be sent if a service requiring a monetary amount to be specified, has to be rendered.

Ref.	Rep.	Name	EDIFICE Utilisation	
C516		M MONETARY AMOUNT	M	
5025	an..3	M Monetary amount type code qualifier	M	22 = Consignment cash on delivery amount 39 = Invoice total amount 43 = Consignment for customs total amount 44 = Goods item for carriage declared value amount 131 = Total charges/allowances 157 = Insurance value
5004	n..35	C Monetary amount	R	
6345	an..3	C Currency identification code	R	Use ISO 4217, 3 alpha code
6343	an..3	C Currency type code qualifier	O	1 = Customs valuation currency 4 = Invoicing currency
4405	an..3	C Status description code	N	

FTX Free text

Function: A segment specifying supplementary information for the entire consignment.

Usage : D..8

Notes : If shipping marks are identical for all packages in a Transport instruction message, they can be transmitted in this segment, using code 'PAC' in DE 4451, rather than being transmitted for each package in SG23 segment PCI.

Ref.	Rep.	Name	EDIFICE Utilisation	
4451	an..3	M TEXT SUBJECT CODE QUALIFIER	M	AAI = General information BLR = Transport contract document remark CUR = Customer remarks DEL = Delivery information DIN = Delivery instructions HAN = Consignment handling instruction ICN = Consignment information for consignee Remarks to be printed on transport documents. MKS = Additional marks/numbers information PAC = Packing/marketing information SIC = Consignment documentary instruction SIN = Special instructions 1 = Text for subsequent use 2 = Text replacing missing code Used if no specific text qualifier is available 3 = Text for immediate use Text must be read before actioning the message
4453	an..3	C FREE TEXT FUNCTION CODE	O	
C107		C TEXT REFERENCE	N	
4441	an..17	M Free text description code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C108		C TEXT LITERAL	R	
4440	an..512	M Free text	M	
4440	an..512	C Free text	O	
4440	an..512	C Free text	O	
4440	an..512	C Free text	O	
4440	an..512	C Free text	O	
3453	an..3	C LANGUAGE NAME CODE	N	
4447	an..3	C FREE TEXT FORMAT CODE	N	

CNT Control total

Function: A segment specifying the weight, volume and quantity of the packages within the entire consignment.

Usage : A ..3

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C270		M CONTROL	M	
6069	an..3	M Control total type code qualifier	M	7 = Total gross weight 11 = Consignment package quantity 15 = Total consignment, cube Total volume
6066	n..18	M Control total quantity	M	
6411	an..8	C Measurement unit code	R	CMQ = cubic centimetre FTQ = cubic foot H87 = piece INQ = cubic inch KGM = kilogram LBR = pound MTQ = cubic metre PCE = piece (*) EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87' (*) EDIFICE code

SG2 TOD-LOC**TOD Terms of delivery or transport**

Function: A segment specifying the terms of delivery for the entire consignment.

Usage : M1

Notes :

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

SG2 TOD-LOC**LOC Place/location identification**

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

Usage : D1

Notes :

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

SG3 RFF-DTM**RFF Reference**

Function: A segment specifying a document reference number.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C506		M REFERENCE	M	
1153	an..3	M Reference code qualifier	M	AAC = Documentary credit identifier AAD = Contract document addendum identifier AAK = Despatch advice number AAM = Waybill number AAN = Delivery schedule number ACW = Reference number to previous message AFN = Account party's reference AWB = Air waybill number BM = Bill of lading number BN = Consignment identifier, carrier assigned CMR = Road consignment note number CO = Customer order number CN = Carrier's reference number CT = Contract number ED = Export declaration EX = Export permit identifier FF = Consignment identifier, freight forwarder assigned GN = Government reference number HWB = House waybill number IP = Import permit identifier IV = Invoice document identifier LC = Letter of credit number MB = Master bill of lading number MWB = Master air waybill number ON = Order document identifier, buyer assigned PK = Packing list number PQ = Payment reference SI = SID (Shipper's identifying number for shipment) for shipment) SRN = Shipment reference number UCN = Unique consignment reference number VN = Order number (vendor)
1154	an..70	C Reference identifier	R	
1156	an..6	C Document line identifier	O	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	

SG3 RFF-DTM**DTM Date/time/period**

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

Usage : D1

Notes : All dates and times are local.

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

SG6 CPI**CPI Charge payment instructions**

Function: A segment indicating how the payment of freight charges should take place.

Usage : M1

Notes : If this segment is used to indicate how the payment of freight charges should take place, CO C200 DE 4237 in SG7 segment TCC should not be used.

Ref.	Rep.	Name	EDIFICE Utilisation	
C229		C CHARGE CATEGORY	N	B = Third party to pay A third party to pay the freight bill is known at the time of shipment. C = Collect P = Prepaid
5237	an..3	M Charge category code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C231		C METHOD OF PAYMENT	N	
4215	an..3	M Transport charges payment method code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
4237	an..3	C PAYMENT ARRANGEMENT CODE	R	

SG7 TCC-MOA**TCC Charge/rate calculations**

Function: A segment specifying a charge and its settlement.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C200		C CHARGE	R	Examples of codes : 100000 = FREIGHT CHARGES 105000 = PRE-CARRIAGE CHARGE 208000 = DELIVERING CHARGES B = Third party to pay A third party to pay the freight bill is known at the time of shipment. C = Collect P = Prepaid
8023	an..17	C Freight and other charges description identifier	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
8022	an..26	C Freight and other charges description	N	
4237	an..3	C Payment arrangement code	D	
7140	an..35	C Item identifier	N	
C203		C RATE/TARIFF CLASS	N	
5243	an..9	M Rate or tariff class description code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
5242	an..35	C Rate or tariff class description	N	
5275	an..6	C Supplementary rate or tariff code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
5275	an..6	C Supplementary rate or tariff code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C528		C COMMODITY/RATE DETAIL	N	
7357	an..18	C Commodity identification code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C554		C RATE/TARIFF CLASS DETAIL	N	
5243	an..9	C Rate or tariff class description code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	

SG7 TCC-MOA**MOA Monetary amount**

Function: A segment specifying a monetary charge amount.

Usage : 01

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C516		M MONETARY AMOUNT	M	
5025	an..3	M Monetary amount type code qualifier	M	22 = Consignment cash on delivery amount 23 = Charge amount
5004	n..35	C Monetary amount	R	
6345	an..3	C Currency identification code	R	Use ISO 4217, 3 alpha code
6343	an..3	C Currency type code qualifier	N	
4405	an..3	C Status description code	N	

SG8 TDT-SG9**TDT Transport information**

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

Usage : M1

Notes : DE 8028 may be used to reference a current transport stage as identified in DE 8051, if this information is already known e.g. flight number.

Identification such as vehicle licence plate number may be provided in CO C222 DE 8212.

Ref.	Rep.	Name		EDIFICE Utilisation
8051	an..3	M TRANSPORT STAGE CODE QUALIFIER	M	10 = Pre-carriage transport 20 = Main-carriage transport 30 = On-carriage transport
8028	an..17	C MEANS OF TRANSPORT JOURNEY IDENTIFIER	A	Used for Flight or Voyage No.
C220		C MODE OF TRANSPORT	R	
8067	an..3	C Transport mode name code	R	1 = Maritime transport 2 = Rail transport 3 = Road transport 4 = Air transport 6 = Multimodal transport
8066	an..17	C Transport mode name	N	
C001		C TRANSPORT MEANS	N	
8179	an..8	C Transport means description code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
8178	an..17	C Transport means description	N	
C040		C CARRIER	A	
3127	an..17	C Carrier identifier	A	Mutually defined code
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	A	3 = IATA (International Air Transport Association) 9 = GS1 11 = Lloyd's register of shipping 16 = US, D&B (Dun & Bradstreet Corporation) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 166 = US, National Motor Freight Classification Association
3126	an..35	C Carrier name	D	Used if no coded name is exchanged.
8101	an..3	C TRANSIT DIRECTION INDICATOR CODE	N	
C401		C EXCESS TRANSPORTATION INFORMATION	N	
8457	an..3	M Excess transportation reason code	N	
8459	an..3	M Excess transportation responsibility code	N	
7130	an..17	C Customer shipment authorisation identifier	N	
C222		C TRANSPORT IDENTIFICATION	A	
8213	an..35	C Transport means identification name identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
8212	an..70	C Transport means identification name	A	Vessel name or vehicle license number
8453	an..3	C Transport means nationality code	O	Use ISO 3166, 2 alpha code
8281	an..3	C TRANSPORT MEANS OWNERSHIP INDICATOR CODE	N	

SG9 LOC-DTM**LOC Place/location identification**

Function: A segment identifying the location.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
3227	an..3	M LOCATION FUNCTION CODE QUALIFIER	M	5 = Place of departure 7 = Place of delivery 8 = Place of destination 9 = Place of loading 11 = Place of discharge 13 = Place of transshipment 15 = Place of transfer responsibility 19 = Factory/plant 24 = Port of entry 28 = Country of destination of goods Destination country 50 = Transit customs office location 60 = Place of arrival 83 = Place of delivery (by on carriage)
C517		C LOCATION IDENTIFICATION	R	
3225	an..35	C Location identifier	R	Use UN/ECE Recommendation no.16, UNLOCODE. If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.
1131	an..17	C Code list identification code	D	
3055	an..3	C Code list responsible agency code	D	Examples of codes are: 3 = IATA (International Air Transport Association) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
3224	an..256	C Location name	O	
C519		C RELATED LOCATION ONE IDENTIFICATION	N	
3223	an..35	C First related location identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3222	an..70	C First related location name	N	
C553		C RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..35	C Second related location identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3232	an..70	C Second related location name	N	
5479	an..3	C RELATION CODE	N	

SG9 LOC-DTM**DTM Date/time/period**

Function: A segment specifying a date/time for the specified location.

Usage : A..9

Notes : All dates and times are local.

Ref.	Rep.	Name	EDIFICE Utilisation	
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date or time or period function code qualifier	M	<p>2 = Delivery date/time, requested 10 = Shipment date/time, requested 17 = Delivery date/time, estimated Date/time when carrier estimates when a means of transport should arrive at port of discharge or place of destination. 63 = Delivery date time, last 64 = Delivery date/time, earliest 69 = Delivery date time, promised before 128 = Delivery date/time, last Latest delivery date 132 = Transport means arrival date time, estimated 133 = Transport means departure date/time, estimated Date/time when a carrier estimates that a means of transport should depart at the place of departure. 189 = Transport means departure date/time, scheduled 190 = Transshipment date/time 191 = Delivery date/time, expected 200 = Cargo pick-up date / time Used by the seller to indicate to the forwarder when the goods can be collected from the seller's premises. 234 = Collection date/time, earliest 235 = Collection date/time, latest</p>
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	R	<p>102 = CCYYMMDD 102 = CCYYMMDD 203 = CCYYMMDDHHMM 205 = CCYYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYYMMDDHHMMZZZZZ</i> 303 = CCYYMMDDHHMMZZZ <i>ZZZ = Time zone</i> 304 = CCYYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i></p>

SG11 NAD-LOC-SG12-SG13-SG15**NAD Name and address**

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

Usage : M1

Notes : It is advised that the party identification CO C082 be used. When CO C082 cannot be used it is recommended to use the structured name and address CO C080 through DE 3207 rather than the unstructured one CO C058.

Ref.	Rep.	Name	EDIFICE Utilisation	
3035	an..3	M PARTY FUNCTION CODE QUALIFIER	M	AA = Party to be billed (AAR Accounting rule 11) rule 11) AG = Agent AK = Acknowledgement recipient BS = Bill and ship to BY = Buyer CM = Customs CN = Consignee CZ = Consignor DP = Delivery party This is the 'ship to' address. FP = Freight/charges payer FW = Freight forwarder IB = Intermediary/broker NI = Notify party PW = Despatch party Where the goods are collected from, if not identical with consignor. SE = Seller SF = Ship from
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party identifier	M	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	9 = GS1 16 = US, D&B (Dun & Bradstreet Corporation) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
C058		C NAME AND ADDRESS	D	
3124	an..35	M Name and address description	M	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
C080		C PARTY NAME	D	
3036	an..70	M Party name	M	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3045	an..3	C Party name format code	N	
C059		C STREET	D	
3042	an..35	M Street and number or post office box identifier	M	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3164	an..35	C CITY NAME	D	
C819		C COUNTRY SUBDIVISION DETAILS	N	
3229	an..9	C Country subdivision identifier	D	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3228	an..70	C Country subdivision name	N	
3251	an..17	C POSTAL IDENTIFICATION CODE	D	

3207	an..3	C	COUNTRY IDENTIFIER	D	Use ISO 3166, 2 alpha code
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SG11 NAD-LOC-SG12-SG13-SG15**LOC Place/location identification**

Function: A segment specifying a location or place relevant to the specified party.

Usage : D1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
3227	an..3	M LOCATION FUNCTION CODE QUALIFIER	M	5 = Place of departure 7 = Place of delivery 10 = Place of acceptance Goods taken over by the carrier
C517		C LOCATION IDENTIFICATION	R	
3225	an..35	C Location identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3224	an..256	C Location name	R	
C519		C RELATED LOCATION ONE IDENTIFICATION	N	
3223	an..35	C First related location identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3222	an..70	C First related location name	N	
C553		C RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..35	C Second related location identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3232	an..70	C Second related location name	N	
5479	an..3	C RELATION CODE	N	

SG12 CTA-COM**CTA Contact information**

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

Usage : M1

Notes :

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

SG12 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 address identifier	M	
3155	an..3	M Communication means type code	M	EM = Electronic mail FX = Telefax TE = Telephone

SG13 DOC-DTM**DOC Document/message details**

Function: A segment identifying a required document.

Usage : M1

Notes : When a document has a unique number, that number should be inserted in CO C503 DE 1004.

Ref.	Rep.	Name		EDIFICE Utilisation
C002		M DOCUMENT/MESSAGE NAME	M	
1001	an..3	C Document name code	R	270 = Delivery note 271 = Packing list 325 = Proforma invoice 380 = Commercial invoice 630 = Shipping note 700 = Waybill 703 = House waybill 705 = Bill of lading 720 = Rail consignment note (generic term) 730 = Road consignment note 740 = Air waybill 811 = Export licence 830 = Goods declaration for exportation 861 = Certificate of origin 865 = Certificate of origin form GSP 870 = Consular invoice 890 = Dangerous goods declaration 901 = Delivery verification certificate 911 = Import licence 954 = EUR 1 certificate of origin
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
1000	an..35	C Document name	N	
C503		C DOCUMENT/MESSAGE DETAILS	D	
1004	an..70	C Document identifier	D	
1373	an..3	C Document status code	O	2 = Accompanying goods 6 = To arrive by manual means 7 = To be raised and sent 9 = To be printed
1366	an..70	C Document source description	N	
3453	an..3	C Language name code	N	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	
3153	an..3	C COMMUNICATION MEDIUM TYPE CODE	N	
1220	n..2	C DOCUMENT COPIES REQUIRED QUANTITY	O	
1218	n..2	C DOCUMENT ORIGINALS REQUIRED QUANTITY	O	

SG13 DOC-DTM**DTM Date/time/period**

Function: A segment specifying the date/time of the identified document.

Usage : O..3

Notes : All dates and times are local.

Ref.	Rep.	Name		EDIFICE Utilisation
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date or time or period function code qualifier	M	7 = Effective from date/time 36 = Expiry date 137 = Document issue date time Date when the document is created 194 = Start date/time Used when defining a period 206 = End date/time Used when defining a period
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	R	102 = CCYYMMDD 102 = CCYYMMDD 203 = CCYYMMDDHHMM 205 = CCYYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYYMMDDHHMMZZZZZ</i> 303 = CCYYMMDDHHMMZZZ <i>ZZZ = Time zone</i> 304 = CCYYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i>

SG15 RFF**RFF Reference**

Function: A segment specifying a company specific reference.

Usage : M1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C506		M REFERENCE	M	
1153	an..3	M Reference code qualifier	M	ADE = Account number CR = Customer reference number ERN = Exporter's reference number IT = Internal customer number VA = VAT registration number
1154	an..70	C Reference identifier	R	
1156	an..6	C Document line identifier	N	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	

SG18 GID-HAN-MOA-PIA-FTX-SG19-SG20-SG21-SG22-SG23-SG31-SG32**GID Goods item details**

Function: A segment describing the number and package type for the goods item.
The segment also carries a sequence number assigned to the goods item within the message.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation
1496	an..6	C GOODS ITEM NUMBER	R Number generated by the application of the sender to identify the goods item within the transport instruction. It is recommended to start with value 1 for DE 1496 and to increment it by 1 for each new goods item within the message.
C213		C NUMBER AND TYPE OF PACKAGES	R
7224	n..8	C Package quantity	R
7065	an..17	C Package type description code	A <ul style="list-style-type: none"> 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 RO = Roll SW = Shrinkwrapped TU = Tube If not applicable use appropriate code set in combination with DE 1131 and DE 3055.
1131	an..17	C Code list identification code	D
3055	an..3	C Code list responsible agency code	D
7064	an..35	C Type of packages	D Used if no coded type of packages is exchanged in DE 7065.
7233	an..3	C Packaging related description code	N
C213		C NUMBER AND TYPE OF PACKAGES	N
7224	n..8	C Package quantity	N
7065	an..17	C Package type description code	N
1131	an..17	C Code list identification code	N
3055	an..3	C Code list responsible agency code	N
7064	an..35	C Type of packages	N
7233	an..3	C Packaging related description code	N
C213		C NUMBER AND TYPE OF PACKAGES	N
7224	n..8	C Package quantity	N
7065	an..17	C Package type description code	N
1131	an..17	C Code list identification code	N
3055	an..3	C Code list responsible agency code	N
7064	an..35	C Type of packages	N
7233	an..3	C Packaging related description code	N
C213		C NUMBER AND TYPE OF PACKAGES	N
7224	n..8	C Package quantity	N
7065	an..17	C Package type description code	N
1131	an..17	C Code list identification code	N
3055	an..3	C Code list responsible agency code	N
7064	an..35	C Type of packages	N
7233	an..3	C Packaging related description code	N
C213		C NUMBER AND TYPE OF PACKAGES	N
7224	n..8	C Package quantity	N

7065	an..17	C	Package type description code	N
1131	an..17	C	Code list identification code	N

Ref.	Rep.	Name	EDIFICE Utilisation	
3055	an..3	C Code list responsible agency code	N	
7064	an..35	C Type of packages	N	
7233	an..3	C Packaging related description code	N	

SG18 GID-HAN-MOA-PIA-FTX-SG19-SG20-SG21-SG22-SG23-SG31-SG32**HAN Handling instructions**

Function: A segment specifying package handling and giving notification of hazardous material for the goods item.

Usage : D1

Notes : CO C218 must be used where this information is a legal requirement.

Ref.	Rep.	Name	EDIFICE Utilisation	
C524		C HANDLING INSTRUCTIONS	R	DE 4078 should be only used if DE 4079 cannot be used.
4079	an..3	C Handling instruction description code	A	Identification of the instructions on how specified goods, packages or containers should be handled. It is advised that only coded instructions be passed in the segment. Use the relevant industry specific code, in combination with DE 1131/3055.
1131	an..17	C Code list identification code	O	
3055	an..3	C Code list responsible agency code	A	See UN/EDIFACT code list.
4078	an..512	C Handling instruction description	D	
C218		C HAZARDOUS MATERIAL	D	
7419	an..7	C Hazardous material category name code	R	Industry defined code, specifying the kind of hazard for a material.
1131	an..17	C Code list identification code	O	
3055	an..3	C Code list responsible agency code	R	See UN/EDIFACT code list.
7418	an..35	C Hazardous material category name	N	

SG18 GID-HAN-MOA-PIA-FTX-SG19-SG20-SG21-SG22-SG23-SG31-SG32**MOA Monetary amount**

Function: A segment specifying a monetary amount associated with the goods item.

Usage : D..4

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C516		M MONETARY AMOUNT	M	
5025	an..3	M Monetary amount type code qualifier	M	40 = Goods item for customs declared value amount 44 = Goods item for carriage declared value amount 123 = Goods item for statistics declared value amount 157 = Insurance value
5004	n..35	C Monetary amount	R	
6345	an..3	C Currency identification code	R	Use Iso 4217, 3 alpha code
6343	an..3	C Currency type code qualifier	N	
4405	an..3	C Status description code	N	

SG18 GID-HAN-MOA-PIA-FTX-SG19-SG20-SG21-SG22-SG23-SG31-SG32**PIA Additional product id**

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

Usage : O..5

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
4347	an..3	M PRODUCT IDENTIFIER CODE QUALIFIER	M	1 = Additional identification
C212		M ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C Item identifier	R	
7143	an..3	C Item type identification code	R	EN = International Article Numbering Association (EAN) MA = Machine number MN = Model number ON = Customer order number SN = Serial number SRV = EAN.UCC Global Trade Item Number UP = UPC (Universal product code) VP = Vendor's (seller's) part number
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	9 = GS1 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = GS1 US
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item identifier	R	
7143	an..3	C Item type identification code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item identifier	R	
7143	an..3	C Item type identification code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item identifier	R	
7143	an..3	C Item type identification code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item identifier	R	
7143	an..3	C Item type identification code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	

SG18 GID-HAN-MOA-PIA-FTX-SG19-SG20-SG21-SG22-SG23-SG31-SG32**FTX Free text**

Function: A segment providing a high level description of the material, contained within the shippable unit/package.

Usage : 01

Notes :

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

SG19 NAD-DTM**NAD Name and address**

Function: A segment identifying the coded identification, name and address of a despatch and/or delivery party.

Usage : M1

Notes : It is advised that the party identification CO C082 be used. When CO C082 cannot be used it is recommended to use the structured name and address CO C080 through DE 3207 rather than the unstructured one CO C058.

Ref.	Rep.	Name	EDIFICE Utilisation	
3035	an..3	M PARTY FUNCTION CODE QUALIFIER	M	DP = Delivery party Several drop off points for the same consignee. This is the 'ship to' address. PW = Despatch party Several collection points for the same consignor.
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party identifier	M	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	9 = GS1 16 = US, D&B (Dun & Bradstreet Corporation) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
C058		C NAME AND ADDRESS	D	
3124	an..35	M Name and address description	M	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
C080		C PARTY NAME	D	
3036	an..70	M Party name	M	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3045	an..3	C Party name format code	O	
C059		C STREET	D	
3042	an..35	M Street and number or post office box identifier	M	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3164	an..35	C CITY NAME	D	
C819		C COUNTRY SUBDIVISION DETAILS	N	
3229	an..9	C Country subdivision identifier	D	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3228	an..70	C Country subdivision name	N	
3251	an..17	C POSTAL IDENTIFICATION CODE	D	
3207	an..3	C COUNTRY IDENTIFIER	D	Use ISO 3166, 2 alpha code

SG19 NAD-DTM**DTM Date/time/period**

Function: A segment specifying a date/time relating to the identified party.

Usage : 01

Notes : All dates and times are local.

Ref.	Rep.	Name		EDIFICE Utilisation
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date or time or period function code qualifier	M	<p> 2 = Delivery date/time, requested 10 = Shipment date/time, requested 17 = Delivery date/time, estimated 63 = Delivery date time, last 64 = Delivery date/time, earliest 69 = Delivery date time, promised before 128 = Delivery date/time, last Latest delivery date 133 = Transport means departure date/time, estimated 189 = Transport means departure date/time, scheduled 190 = Transshipment date/time 191 = Delivery date/time, expected 200 = Cargo pick-up date / time Used by the seller to indicate to the forwarder when the goods can be collected from the seller's premises. 234 = Collection date/time, earliest 235 = Collection date/time, latest </p>
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	R	<p> 102 = CCYYMMDD 102 = CCYYMMDD 203 = CCYYMMDDHHMM 205 = CCYYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYYMMDDHHMMZZZZ</i> 303 = CCYYMMDDHHMMZZZ <i>ZZZ = Time zone</i> 304 = CCYYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i> </p>

SG20 MEA**MEA Measurements**

Function: A segment specifying a measurement.

Usage : M1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
6311	an..3	M MEASUREMENT PURPOSE CODE QUALIFIER	M	CHW = Chargeable weight LMT = Loading meters VOL = Volume WT = Weights AAA = Net weight AAB = Goods item gross weight AAC = Total net weight Net weight AAK = Fat content AAW = Gross volume CMQ = cubic centimetre FTQ = cubic foot INQ = cubic inch KGM = kilogram LBR = pound MTQ = cubic metre MTR = metre
C502		C MEASUREMENT DETAILS	R	
6313	an..3	C Measured attribute code	R	
6321	an..3	C Measurement significance code	N	
6155	an..17	C Non-discrete measurement name code	N	
6154	an..70	C Non-discrete measurement name	N	
C174		C VALUE/RANGE	R	
6411	an..8	M Measurement unit code	M	
6314	an..18	C Measure	R	
6162	n..18	C Range minimum quantity	N	
6152	n..18	C Range maximum quantity	N	
6432	n..2	C Significant digits quantity	N	
7383	an..3	C SURFACE OR LAYER CODE	N	

SG21 DIM

DIM Dimensions

Function: A segment specifying the dimensions.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
6145	an..3	M DIMENSION TYPE CODE QUALIFIER	M	1 = Gross dimensions CMT = centimetre INH = inch MTR = metre
C211		M DIMENSIONS	M	
6411	an..8	M Measurement unit code	M	
6168	n..15	C Length measure	R	
6140	n..15	C Width measure	R	
6008	n..15	C Height measure	R	

SG22 RFF-DTM**RFF Reference**

Function: A segment specifying an identity number or a document reference number.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C506		M REFERENCE	M	
1153	an..3	M Reference code qualifier	M	AAK = Despatch advice number AAN = Delivery schedule number AFE = Export Control Commodity number (ECCN) AFN = Account party's reference CT = Contract number ED = Export declaration EX = Export permit identifier GN = Government reference number HS = Harmonised system number IP = Import permit identifier IV = Invoice document identifier LC = Letter of credit number ON = Order document identifier, buyer assigned PK = Packing list number SN = Transport equipment seal identifier SRN = Shipment reference number VN = Order number (vendor)
1154	an..70	C Reference identifier	R	
1156	an..6	C Document line identifier	D	To hold the line number within the referenced document identified in DE 1154. That is the case when DE 1153 = 'ON' or 'AAN'.
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	

SG22 RFF-DTM**DTM Date/time/period**

Function: A segment indicating 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 or time or period function code qualifier	M	171 = Reference date/time
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	N	

SG23 PCI-GIN**PCI Package identification**

Function: A segment specifying packaging identification numbers or shipping marks for the goods item.

Usage : M1

Notes : CO C210 is not used when DE 4233 is 24.

Ref.	Rep.	Name	EDIFICE Utilisation	
4233	an..3	C MARKING INSTRUCTIONS CODE	R	16 = Buyer's instructions 17 = Seller's instructions 24 = Shipper assigned For License plate only
C210		C MARKS & LABELS	D	
7102	an..35	M Shipping marks description	M	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
7102	an..35	C Shipping marks description	O	
8169	an..3	C FULL OR EMPTY INDICATOR CODE	N	
C827		C TYPE OF MARKING	N	
7511	an..3	M Marking type code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	

SG23 PCI-GIN**GIN Goods identity number**

Function: A segment specifying the licence plate number.

Usage : D 1

Notes : When using bar coding this information relates to the appropriate data identifiers that indicate License plate.

Ref.	Rep.	Name	EDIFICE Utilisation	
7405	an..3	M OBJECT IDENTIFICATION CODE QUALIFIER	M	ML = Marking/label number VZ = Transport unit identification according to ISO/IEC 15459 according to ISO/IEC 15459 WA = Indivisible transport unit according to ISO/IEC 15459 to ISO/IEC 15459 WB = Divisible transport unit according to ISO/IEC 15459 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 a separate CO C208 and DE 7402 must be used for each identity number.
7402	an..35	M Object identifier	M	
7402	an..35	C Object identifier	D	
C208		C IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M Object identifier	M	
7402	an..35	C Object identifier	D	
C208		C IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M Object identifier	M	
7402	an..35	C Object identifier	D	
C208		C IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M Object identifier	M	
7402	an..35	C Object identifier	D	
C208		C IDENTITY NUMBER RANGE	O	As for first CO C208
7402	an..35	M Object identifier	M	
7402	an..35	C Object identifier	D	

SG31 TCC-MOA-QTY-LOC**TCC Charge/rate calculations**

Function: A segment specifying the Harmonized system number and related rate details.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C200		C CHARGE	N	
8023	an..17	C Freight and other charges description identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
8022	an..26	C Freight and other charges description	N	
4237	an..3	C Payment arrangement code	N	
7140	an..35	C Item identifier	N	
C203		C RATE/TARIFF CLASS	O	
5243	an..9	M Rate or tariff class description code	M	B = Basic
1131	an..17	C Code list identification code	R	105 =
3055	an..3	C Code list responsible agency code	O	
5242	an..35	C Rate or tariff class description	R	This field may contain two numbers, Export license number and Export control commodity number.
5275	an..6	C Supplementary rate or tariff code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
5275	an..6	C Supplementary rate or tariff code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C528		C COMMODITY/RATE DETAIL	R	
7357	an..18	C Commodity identification code	R	Harmonized system number
1131	an..17	C Code list identification code	R	169 =
3055	an..3	C Code list responsible agency code	N	
C554		C RATE/TARIFF CLASS DETAIL	N	
5243	an..9	C Rate or tariff class description code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	

SG31 TCC-MOA-QTY-LOC**MOA Monetary amount**

Function: A segment specifying the Customs value for a Harmonized system number.

Usage : R 1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C516		M MONETARY AMOUNT	M	
5025	an..3	M Monetary amount type code qualifier	M	40 = Goods item for customs declared value amount
5004	n..35	C Monetary amount	R	
6345	an..3	C Currency identification code	R	Use ISO 4217, 3 alpha code
6343	an..3	C Currency type code qualifier	N	
4405	an..3	C Status description code	N	

SG31 TCC-MOA-QTY-LOC**QTY Quantity**

Function: A segment specifying the delivery quantity for a Harmonized system number.

Usage : R 1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C186		M QUANTITY DETAILS	M	
6063	an..3	M Quantity type code qualifier	M	131 = Delivery quantity
6060	an..35	M Quantity	M	HS number quantity
6411	an..8	C Measurement unit code	R	CLT = centilitre CMT = centimetre GRM = gram H87 = piece KGM = kilogram LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece (*) EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87'
			(*) EDIFICE code Other codes should be previously agreed between trading partners.	

SG31 TCC-MOA-QTY-LOC**LOC Place/location identification**

Function: A segment indicating a location where customs clearance should take place, and the country of origin of the goods.

Usage : 03

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
3227	an..3	M LOCATION FUNCTION CODE QUALIFIER	M	10 = Place of acceptance 22 = Customs clearance location 27 = Country of origin 115 = Free zone of export
C517		C LOCATION IDENTIFICATION	R	
3225	an..35	C Location identifier	R	State/Province when DE 3227 is 10 or 22 Use ISO 3166, 2 alpha code when DE 3227 is 27 Free trade zone number when DE 3227 is 115
1131	an..17	C Code list identification code	D	163 = Used when DE 3227 is 10 or 22
3055	an..3	C Code list responsible agency code	O	
3224	an..256	C Location name	O	
C519		C RELATED LOCATION ONE IDENTIFICATION	N	
3223	an..35	C First related location identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3222	an..70	C First related location name	N	
C553		C RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..35	C Second related location identifier	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3232	an..70	C Second related location name	N	
5479	an..3	C RELATION CODE	N	

SG32 DGS-FTX-SG33**DGS Dangerous goods**

Function: A segment specifying dangerous goods regulatory and identification information related to the goods items.

Usage : M1

Notes : One goods item may be in different dangerous goods classes.

Ref.	Rep.	Name	EDIFICE Utilisation	
8273	an..3	C DANGEROUS GOODS REGULATIONS CODE	R	ADR = European agreement on the international carriage of dangerous goods on road (ADR) carriage of dangerous goods on road. CFR = US, 49 Code of federal regulations US. ICA = IATA ICAO Air transport. IMD = IMO IMDG code Sea transport. RID = Railroad dangerous goods book (RID) Rail/road transport.
C205		C HAZARD CODE	O	
8351	an..7	M Hazard identification code	M	
8078	an..7	C Additional hazard classification identifier	O	
8092	an..10	C Hazard code version identifier	O	
C234		C UNDG INFORMATION	O	
7124	n4	C United Nations Dangerous Goods (UNDG) identifier	O	Use UN-number, if applicable
7088	an..8	C Dangerous goods flashpoint description	O	
C223		C DANGEROUS GOODS SHIPMENT FLASHPOINT	O	
7106	n3	C Shipment flashpoint degree	O	The shipment flashpoint is regarded as positive, unless it is preceded by a minus sign.
6411	an..8	C Measurement unit code	O	CEL = degree Celsius FAH = degree Fahrenheit 1 = Great danger 2 = Medium danger 3 = Minor danger
8339	an..3	C PACKAGING DANGER LEVEL CODE	O	
8364	an..6	C EMERGENCY PROCEDURE FOR SHIPS IDENTIFIER	O	
8410	an..4	C HAZARD MEDICAL FIRST AID GUIDE IDENTIFIER	O	
8126	an..10	C TRANSPORT EMERGENCY CARD IDENTIFIER	O	
C235		C HAZARD IDENTIFICATION PLACARD DETAILS	O	
8158	an..4	C Orange hazard placard upper part identifier	O	
8186	an4	C Orange hazard placard lower part identifier	O	
C236		C DANGEROUS GOODS LABEL	O	
8246	an..4	C Dangerous goods marking identifier	O	
8246	an..4	C Dangerous goods marking identifier	O	
8246	an..4	C Dangerous goods marking identifier	O	
8246	an..4	C Dangerous goods marking identifier	N	
8255	an..3	C PACKING INSTRUCTION TYPE CODE	O	
8179	an..8	C TRANSPORT MEANS DESCRIPTION CODE	O	
8211	an..3	C HAZARDOUS CARGO TRANSPORT AUTHORISATION CODE	N	
C289		C TUNNEL RESTRICTION	N	
8461	an..6	C Tunnel Restriction Code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	

SG32 DGS-FTX-SG33**FTX Free text**

Function: A segment specifying additional dangerous goods information

Usage : O..9

Notes : When used it is important for the receiver to know in advance if the free text has to be checked before completing the processing of the transaction.
The appropriate code in DE 4453 must then be used.

Ref.	Rep.	Name	EDIFICE Utilisation	
4451	an..3	M TEXT SUBJECT CODE QUALIFIER	M	AAC = Dangerous goods additional information AAD = Dangerous goods technical name HAN = Consignment handling instruction HAZ = Hazard information 1 = Text for subsequent use 3 = Text for immediate use Text must be read before actioning the message.
4453	an..3	C FREE TEXT FUNCTION CODE	R	
C107		C TEXT REFERENCE	N	
4441	an..17	M Free text description code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
C108		C TEXT LITERAL	R	
4440	an..512	M Free text	M	
4440	an..512	C Free text	O	
4440	an..512	C Free text	O	
4440	an..512	C Free text	O	
4440	an..512	C Free text	O	
3453	an..3	C LANGUAGE NAME CODE	N	
4447	an..3	C FREE TEXT FORMAT CODE	N	

SG33 CTA-COM**CTA Contact information**

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
3139	an..3	C CONTACT FUNCTION CODE	R	HE = Emergency dangerous goods contact HG = Dangerous goods contact
C056		C CONTACT DETAILS	R	If a code is available use DE 3413, otherwise use DE 3412.
3413	an..17	C Contact identifier	D	
3412	an..256	C Contact name	D	

SG33 CTA-COM**COM Communication contact**

Function: A segment identifying a communications type and number.

Usage : 0..3

Notes :

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

SG37 EQD-MEA-DIM-SEL**EQD Equipment details**

Function: A segment identifying a unit of equipment.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
8053	an..3	M EQUIPMENT TYPE CODE QUALIFIER	M	BPN = Box pallet non-exchangeable CN = Container EFPP = Exchangeable EUR flat pallet PA = Pallet TE = Trailer UL = ULD (Unit load device)
C237		C EQUIPMENT IDENTIFICATION	R	The identification of the equipment is provided at this point.
8260	an..17	C Equipment identifier	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3207	an..3	C Country identifier	N	
C224		C EQUIPMENT SIZE AND TYPE	N	
8155	an..10	C Equipment size and type description code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
8154	an..35	C Equipment size and type description	N	
8077	an..3	C EQUIPMENT SUPPLIER CODE	N	
8249	an..3	C EQUIPMENT STATUS CODE	N	
8169	an..3	C FULL OR EMPTY INDICATOR CODE	N	
4233	an..3	C MARKING INSTRUCTIONS CODE	N	

SG37 EQD-MEA-DIM-SEL**MEA Measurements**

Function: A segment specifying a measurement, other than dimensions, associated with the identified unit of equipment.

Usage : 0..3

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
6311	an..3	M MEASUREMENT PURPOSE CODE QUALIFIER	M	CHW = Chargeable weight LMT = Loading meters VOL = Volume WT = Weights AAA = Net weight AAB = Goods item gross weight AAC = Total net weight Net weight AAD = Consignment gross weight AAK = Fat content AAW = Gross volume CMQ = cubic centimetre FTQ = cubic foot INQ = cubic inch KGM = kilogram LBR = pound MTQ = cubic metre MTR = metre
C502		C MEASUREMENT DETAILS	R	
6313	an..3	C Measured attribute code	R	
6321	an..3	C Measurement significance code	N	
6155	an..17	C Non-discrete measurement name code	N	
6154	an..70	C Non-discrete measurement name	N	
C174		C VALUE/RANGE	R	
6411	an..8	M Measurement unit code	M	
6314	an..18	C Measure	R	
6162	n..18	C Range minimum quantity	N	
6152	n..18	C Range maximum quantity	N	
6432	n..2	C Significant digits quantity	N	
7383	an..3	C SURFACE OR LAYER CODE	N	

SG37
EQD-MEA-DIM-SEL

DIM
Dimensions

Function: A segment specifying gross dimensions, associated with the identified unit of equipment.
 Usage : 01
 Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
6145	an..3	M DIMENSION TYPE CODE QUALIFIER	M	1 = Gross dimensions CMT = centimetre INH = inch MTR = metre
C211		M DIMENSIONS	M	
6411	an..8	M Measurement unit code	M	
6168	n..15	C Length measure	R	
6140	n..15	C Width measure	R	
6008	n..15	C Height measure	R	

SG37 EQD-MEA-DIM-SEL**SEL Seal number**

Function: A segment specifying a seal number and party responsible, for the identified unit of equipment.

Usage : D1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
9308	an..35	C TRANSPORT UNIT SEAL IDENTIFIER	M	CA = Carrier CU = Customs SH = Shipper TO = Terminal operator
C215		C SEAL ISSUER	R	
9303	an..3	C Sealing party name code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
9302	an..35	C Sealing party name	N	
4517	an..3	C SEAL CONDITION CODE	N	
C208		C IDENTITY NUMBER RANGE	N	
7402	an..35	M Object identifier	N	
7402	an..35	C Object identifier	N	
4525	an..3	C SEAL TYPE CODE	N	

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 EDSS10

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

EXAMPLES

The Transport Instruction message can be used for both outgoing and incoming shipments.

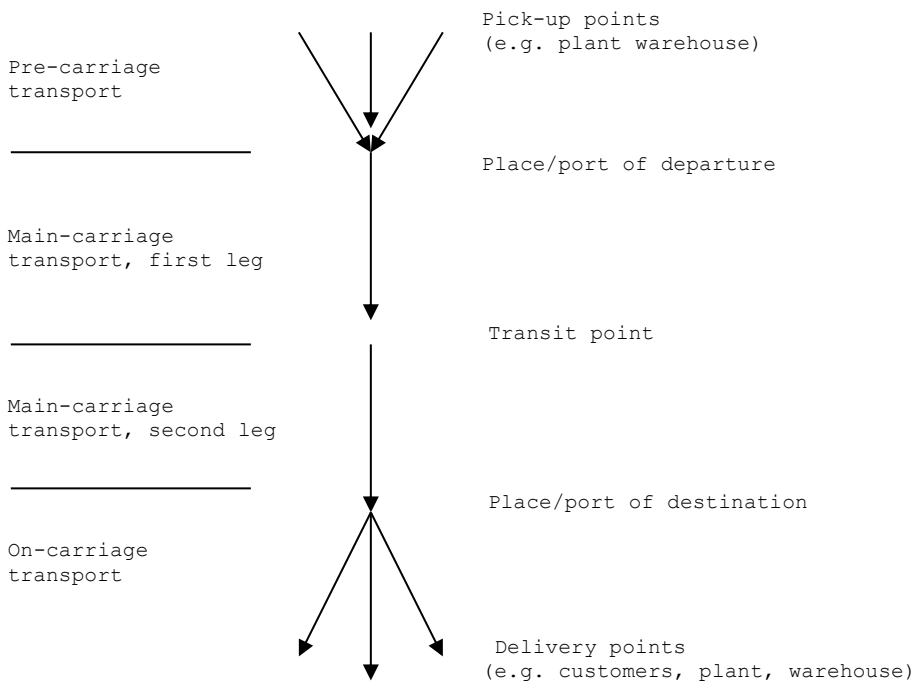
Regarding the transport details it is possible to specify not only the main-carriage transport, but also pre-carriage transport and on-carriage transport, by using a SG8 for each stage.

The SG8 can be used several times if there is more than one leg in a part of the transport chain, like for example the main-carriage.

Also there can be several SG8 for different pre-carriage and/or on-carriage transports from/to different locations.

When a shipment has different pick-up and/or delivery points, EDIFICE recommends that the NAD segment in SG19 is used to indicate which packages are to be picked up and/or delivered at each location.

Following is an illustration of the different transport stages.



EXAMPLE 1 - International shipment going by air.

This example shows a situation where there is just one pick-up point,
one main-carriage transport leg, and one delivery point.
This is also an example of a dangerous goods shipment.

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1'	Message header
UNH+3211+IFTMIN:D:10A:UN:EDTI10'	Shipment number
BGM+340+927649+9'	Creation date/time
DTM+137:201002100930:203'	Transport service requirement
TSR+7++3'	Insurance value
MOA+157:15000:FIM'	Remarks to be printed on transport documents
FTX+ICN+++IP 345654'	Total gross weight (167 kilograms)
CNT+7:167:KGM'	Total number of packages (1 package)
CNT+11:1:PCE'	Total volume (0.576 cubicmetres)
CNT+15:0.576:MTQ'	Terms of delivery
TOD+6++CIP'	Place of terms of delivery
LOC+1+FRA::3'	AWB number
RFF+AWB:220-44335566'	Shipment reference number
RFF+SRN:AB12345'	Date of reference
DTM+171:20100210:102'	Freight charges to be prepaid
CPI+++P'	Freight charge indicator
TCC+100000'	Freight charge amount
MOA+23:2560.00:FIM'	Pre-carriage transport
TDT+10+++3++FI123+++::DRS777:FI'	Place of pick-up, coded
LOC+5+FITMP'	Pick-up date/time
DTM+200:201002101400:203'	Main-carriage transport
TDT+20+LH1234+4++LH'	Place of departure
LOC+5+HEK::3'	Departure date/time, estimated
DTM+133:201002102200:203'	Place of destination
LOC+8+FRA::3'	ETA date/time
DTM+132:201002110120:203'	On-carriage transport
TDT+10+++3++D87+++::HH8976:DE'	Place of delivery, coded
LOC+9+DEHZR'	Requested delivery date/time
DTM+191:201002111200:203'	Seller's code
NAD+SE+SELLER-001::91'	Account number
RFF+ADE:DD23456'	Consignor's code
NAD+CZ+CONSIGNOR-01::91'	Consignor's contact person
CTA+IC+:E.X. PORTER'	Telephone number
COM+3221234567:TE'	Fax number
COM+3221234599:FX'	Invoice number
DOC+380+422567:2'	Invoice date
DTM+137:20100210:102'	Dangerous goods declaration
DOC+890+:2'	Buyer's code
NAD+BY+BUYER-001::92'	Consignee's code
NAD+CN+CONSIGNEE-01::91'	Freight forwarder's code
NAD+FW+FORWARDER-01::91'	Notify party.
NAD+NI+++DIS+EINSTR 8+ULM++DE-1044+DE'	Example where a party id is not available, so CO C080 through DE 3207 have been used.
CTA+IC+:E SCHULZ'	Contact person of the Notify party
COM+496298765:TE'	Telephone number
GID+1+1:CT'	One carton
HAN+HWC'	Handle with care
FTX+AAA+++FLAMMABLE LIQUID'	Goods description
MEA+WT+AAB+KGM:167'	Gross weight in kilos
MEA+VOL+AAW+MTQ:0.576'	Gross volume in cubic metres
DIM+1+CMT:120:80:60'	Dimensions in centimetres
RFF+ON:DD123456'	Purchase order number
PCI+17+IP8654/97'	Shipping mark
PCI+24'	Trigger for license plate
GIN+VZ+LEABC123456'	Package number - License plate
DGS+ICA++1993'	Dangerous goods details
CTA+HG+C.O. ORDINATOR'	Dangerous goods contact person
COM+3221234688:TE'	Telephone number
COM+3221234699:FX'	Fax number
UNT+58+3211'	Count of segments
UNZ+1+88'	

EXAMPLE 2 - International shipment going by air.

This example shows an air shipment consisting of two main-carriage transport legs, and where there are two pick-up points.
The pick-up point address is indicated for each package.

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1'	Message header
UNH+3212+IFTMIN:D:97A:UN:EDTI03'	Shipment number
BGM+340+927655+9'	Creation date/time
DTM+137:201002100930:203'	Transport service requirement
TSR+7++3'	Insurance value
MOA+157:65000:FIM'	Remarks to be printed on transport documents
FTX+ICN+++IP 345654'	Total gross weight
CNT+7:334:KGM'	Total number of packages
CNT+11:2:PCE'	Total volume(s)
CNT+15:1.152:MTQ'	Terms of delivery
TOD+6++CIP'	Place of terms of delivery
LOC+1+NYC::3'	AWB number
RFF+AWB:220-11223344'	Shipment reference number
RFF+SRN:AB12355'	Date of reference
DTM+171:20100210:102'	Freight charges to be prepaid
CPI+++P'	Freight charge indicator
TCC+100000'	Freight charge amount
MOA+23:2560.00:FIM'	Pre-carriage transport
TDT+10+++3++FI123+++::DRS777:FI'	Place of pick-up, coded
LOC+5+FITKU'	Pick-up date/time
DTM+200:201002101400:203'	Pre-carriage transport
TDT+10+++3++FI224+++::ADG654:FI'	Place of pick-up, coded
LOC+5+FITMP'	Pick-up date/time
DTM+200:201002101530:203'	Main-carriage transport
TDT+20+LH1234+4++LH'	Place of departure
LOC+5+HEK::3'	Departure date/time, estimated
DTM+133:201002102200:203'	Place of transshipment
LOC+13+FRA::3'	ETA date/time
DTM+132:201002110120:203'	Main-carriage transport
TDT+20+LH7766+4++LH'	Place of transshipment
LOC+13+FRA::3'	Departure date/time
DTM+133:201002111430:203'	Place of destination
LOC+8+NYC::3'	ETA date/time
DTM+132:201002111940:203'	Seller's code
NAD+SE+SELLER-001::91'	Account number
RFF+ADE:DD23456'	Consignor's code
NAD+CZ+CONSIGNOR-01::91'	Consignor's contact person
CTA+IC+:E.X. PORTER'	Telephone number
COM+3221234567:TE'	Buyer's code
NAD+BY+BUYER-001::92'	Consignee's code
NAD+CN+CONSIGNEE-01::91'	Freight forwarder's code
NAD+FW+FORWARDER-01::91'	One case
GID+1+1:CS'	Goods description
FTX+AAA+++MACHINE PARTS'	Pick-up address, coded
NAD+PW+FIE899::91'	Pick-up date/time
DTM+200:201002101400:203'	Gross weight in kilos
MEA+WT+AAB+KGM:167'	Gross volume in cubic metres
MEA+VOL+AAW+MTQ:0.576'	Dimensions in centimetres
DIM+1+CMT:120:80:60'	Shipping mark
DIM+1+CMT:120:80:60'	Trigger for package number (license plate)
PCI+17+IP8654/97'	Package number - License plate
PCI+24'	One case
GIN+VZ+LEABC123882'	Goods description
GID+2+1:CS'	Pick-up address, coded
FTX+AAA+++MACHINE PARTS'	Pick-up date/time
NAD+PW+FIR444::91'	Gross weight in kilos
DTM+200:201002101530:203'	Gross volume in cubic metres
MEA+WT+AAB+KGM:167'	Dimensions in centimetres
MEA+VOL+AAW+MTQ:0.576'	Shipping mark
DIM+1+CMT:120:80:60'	Trigger for package number (license plate)
DIM+1+CMT:120:80:60'	Package number - License plate
PCI+17+IP8654/97'	Count of segments
PCI+24'	
GIN+VZ+LEABCCD554677'	
UNT+62+3212'	
UNZ+1+88'	

EXAMPLE 3 - International shipment going by truck.

This example shows a truck shipment consisting of one main-carriage transport leg, and where there are two delivery points.
The delivery point address is indicated for each package.
In this example there is no TDT segment for the on-carriage transport as it is assumed that the consignor has no knowledge how goods is distributed.

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1'	Message header
UNH+3213+IFTMIN:D:10A:UN:EDTI10'	Shipment number
BGM+340+927701+9'	Creation date/time
DTM+137:201002100930:203'	Transport service requirement
TSR+7++3'	Insurance value
MOA+157:65000:FIM'	Total gross weight
CNT+7:501:KGM'	Total number of packages
CNT+11:3:PCE'	Total volume
CNT+15:1.728:MTQ'	Terms of delivery
TOD+6++CIP'	Place of terms of delivery
LOC+1+FRA::3'	Shipment reference number
RFF+SRN:AB12355'	Date of reference
DTM+171:20100210:102'	Freight charges to be prepaid
CPI+++P'	Freight charge indicator
TCC+100000'	Freight charge amount
MOA+23:2560.00:FIM'	Main-carriage transport
TDT+20++3++UPS'	Place of departure
LOC+5+HEK::3'	Departure date/time, estimated
DTM+133:201002101800:203'	Place of destination
LOC+8+FRA::3'	ETA date/time
DTM+132:201002111940:203'	Seller's code
NAD+SE+SELLER-001::91'	Account number
RFF+ADE:DD23456'	Consignor's code
NAD+CZ+CONSIGNOR-01::91'	Consignor's contact person
CTA+IC+:E.X. PORTER'	Telephone number
COM+3221234567:TE'	Buyer's code
NAD+BY+BUYER-001::92'	Consignee's code
NAD+CN+CONSIGNEE-01::91'	Freight forwarder's code
NAD+FW+FORWARDER-01::91'	One case
GID+1+1:CS'	Goods description
FTX+AAA+++MACHINE PARTS'	Delivery party
NAD+DP+DE665::92'	Delivery date/time, requested
DTM+2:201002120800:203'	Gross weight in kilos
MEA+WT+AAB+KGM:167'	Gross volume in cubic metres
MEA+VOL+AAW+MTQ:0.576'	Dimensions in centimetres
DIM+1+CMT:120:80:60'	Shipping mark
PCI+17+IP8654/97'	Trigger for package number (license plate)
PCI+24'	Package number - License plate
GIN+VZ+LEABC123882'	One case
GID+2+1:CS'	Goods description
FTX+AAA+++MACHINE PARTS'	Delivery party
NAD+DP+DE665::92'	Delivery date/time, requested
DTM+2:201002120800:203'	Gross weight in kilos
MEA+WT+AAB+KGM:167'	Gross volume in cubic metres
MEA+VOL+AAW+MTQ:0.576'	Dimensions in centimetres
DIM+1+CMT:120:80:60'	Shipping mark
PCI+17+IP8654/97'	Trigger for package number (license plate)
PCI+24'	Package number - License plate
GIN+VZ+LEABC123883'	One case
GID+3+1:CS'	Goods description
FTX+AAA+++MACHINE PARTS'	Delivery party
NAD+DP+DE888::91'	Delivery date/time, requested
DTM+2:201002120800:203'	Gross weight in kilos
MEA+WT+AAB+KGM:167'	Gross volume in cubic metres
MEA+VOL+AAW+MTQ:0.576'	Dimensions in centimetres
DIM+1+CMT:120:80:60'	Shipping mark
PCI+17+IP8654/97'	Trigger for package number (license plate)
PCI+24'	Package number - License plate
GIN+VZ+LEABCCD554677'	Trailer number
EQD+TE+DKF456'	Customs seal
SEL+LK8888+CU'	Count of segments
UNT+61+3213'	
UNZ+1+88'	

EXAMPLE 4 - Use of Cancellation option

This is a cancellation message for the shipment in example 3.

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1'	Message header
UNH+3214+IFTMIN:D:10A:UN:EDTI10'	Shipment 927655 cancelled
BGM+340+927701+1'	Creation date/time
DTM+137:201002100930:203'	Main-carriage transport
TDT+20++3++UPS'	Place of departure
LOC+5+HEK::3'	Departure date/time, estimated
DTM+133:201002101800:203'	Place of destination
LOC+8+FRA::3'	ETA date/time
DTM+132:201002111940:203'	Seller's code
NAD+SE+SELLER-001::91'	Account number
RFF+ADE:DD23456'	Consignor's code
NAD+CZ+CONSIGNOR-01::91'	Consignor's contact person
CTA+IC+:E.X. PORTER'	Telephone number
COM+3221234567:TE'	Buyer's code
NAD+BY+BUYER-001::92'	Consignee's code
NAD+CN+CONSIGNEE-01::91'	Freight forwarder's code
NAD+FW+FORWARDER-01::91'	Count of segments
UNT+17+3214'	
UNZ+1+88'	

EXAMPLE 5 - Use of Replace option

This is a replace message for the shipment in example 3.
One package has been taken out of the shipment.

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1'	Message header
UNH+3215+IFTMIN:D:10A:UN:EDTI10'	Shipment number
BGM+340+927701+5'	Creation date/time
DTM+137:201002100930:203'	Transport service requirement
TSR+7++3'	Insurance value
MOA+157:65000:FIM'	Total gross weight
CNT+7:334:KGM'	Total number of packages
CNT+11:2:PCE'	Total volume
CNT+15:1.152:MTQ'	Terms of delivery
TOD+6++CIP'	Place of terms of delivery
LOC+1+FRA::3'	Shipment reference number
RFF+SRN:AB12355'	Date of reference
DTM+171:20100210:102'	Freight charges to be prepaid
CPI+++P'	Freight charge indicator
TCC+100000'	Freight charge amount
MOA+23:2560.00:FIM'	Main-carriage transport
TDT+20++3++UPS'	Place of departure
LOC+5+HEK::3'	Departure date/time, estimated
DTM+133:201002110800:203'	Place of destination
LOC+8+FRA::3'	ETA date/time
DTM+132:201002111940:203'	Seller's code
NAD+SE+SELLER-001::91'	Account number
RFF+ADE:DD23456'	Consignor's code
NAD+CZ+CONSIGNOR-01::91'	Consignor's contact person
CTA+IC+:E.X. PORTER'	Telephone number
COM+3221234567:TE'	Buyer's code
NAD+BY+BUYER-001::92'	Consignee's code
NAD+CN+CONSIGNEE-01::91'	Freight forwarder's code
NAD+FW+FORWARDER-01::91'	One case
GID+1+1:CS'	Goods description
FTX+AAA+++MACHINE PARTS'	Delivery party
NAD+DP+DE665::92'	Delivery date/time, requested
DTM+2:210102120800:203'	Gross weight in kilos
MEA+WT+AAB+KGM:167'	Gross volume in cubic metres
MEA+VOL+AAW+MTQ:0.576'	Dimensions in centimetres
DIM+1+CMT:120:80:60'	Shipping mark
PCI+17+IP8654/97'	Trigger for package number (license plate)
PCI+24'	Package number - License plate
GIN+VZ+LEABC123882'	One case
GID+2+1:CS'	Goods description
FTX+AAA+++MACHINE PARTS'	Delivery party
NAD+DP+DE888::92'	Delivery date/time, requested
DTM+2:201002120800:203'	Gross weight in kilos
MEA+WT+AAB+KGM:167'	Gross volume in cubic metres
MEA+VOL+AAW+MTQ:0.576'	Dimensions in centimetres
DIM+1+CMT:120:80:60'	Shipping mark
PCI+17+IP8654/97'	Trigger for package number (license plate)
PCI+24'	Package number - License plate
GIN+VZ+LEQBCCD554677'	Trailer number
EQD+TE+DKF456'	Customs seal
SEL+LK8888+CU'	Count of segments
UNT+51+3215'	
UNZ+1+88'	

EXAMPLE 6 - Forwarding instruction

This example shows a situation where the sender of the message gives instructions to a broker regarding the forwarding of a consignment.

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1'	Message header
UNH+3216+IFTMIN:D:10A:UN:EDTI10'	Shipment number
BGM+610+724000075+9'	Creation date/time
DTM+137:201002100930:203'	Transport service requirement
TSR+8'	Delivery instructions
FTX+DIN+1++Call before delivery'	Total gross weight (28 kilograms)
CNT+7:28:KGM'	Total number of packages (1 package)
CNT+11:1:PCE'	Total volume (0.075 cubicmetres)
CNT+15:0.075:MTQ'	Vendor order number
RFF+VN:MO74213'	Customer order number
RFF+CO:AB12345'	Date of reference
DTM+171:20100210:102'	Main-carriage transport
TDT+20+++++DE02'	Place of delivery, coded
LOC+7+DEA876::91'	Requested delivery date/time
DTM+191:201002111200:203'	Consignor's code
NAD+CZ+CONSIGNOR-01::91'	Consignor's contact person
CTA+IC+:E.X. PORTER'	Telephone number
COM+3221234567:TE'	Fax number
COM+3221234599:FX'	Consignee's code
NAD+CN+CONSIGNEE-01::91'	Consignee's contact person
CTA+IC+:DEPT 013'	Telephone number
COM+047665432:TE'	Consignor's code
NAD+CN+FP1::91'	One carton
GID+1+1:CT'	Gross weight in kilos
MEA+WT+AAB+KGM:28'	Gross volume in cubic metres
MEA+VOL+AAW+MTQ:0.075'	Dimensions in centimetres
DIM+1+CMT:50:50:30'	Trigger for package number (license plate)
PCI+24'	Package number - License plate
GIN+VZ+LEABCGG114'	Count of segments
UNT+29+3216'	
UNZ+1+88'	