The European B2B Forum for the Electronics Industry

# EDIFICE Message Implementation Guideline

# International Forward & Transport Message, instruction

## IFTMIN Issue EDTI02

## Endorsed 28 November 2001

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

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## COMPARISON TO PREVIOUS ISSUE

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

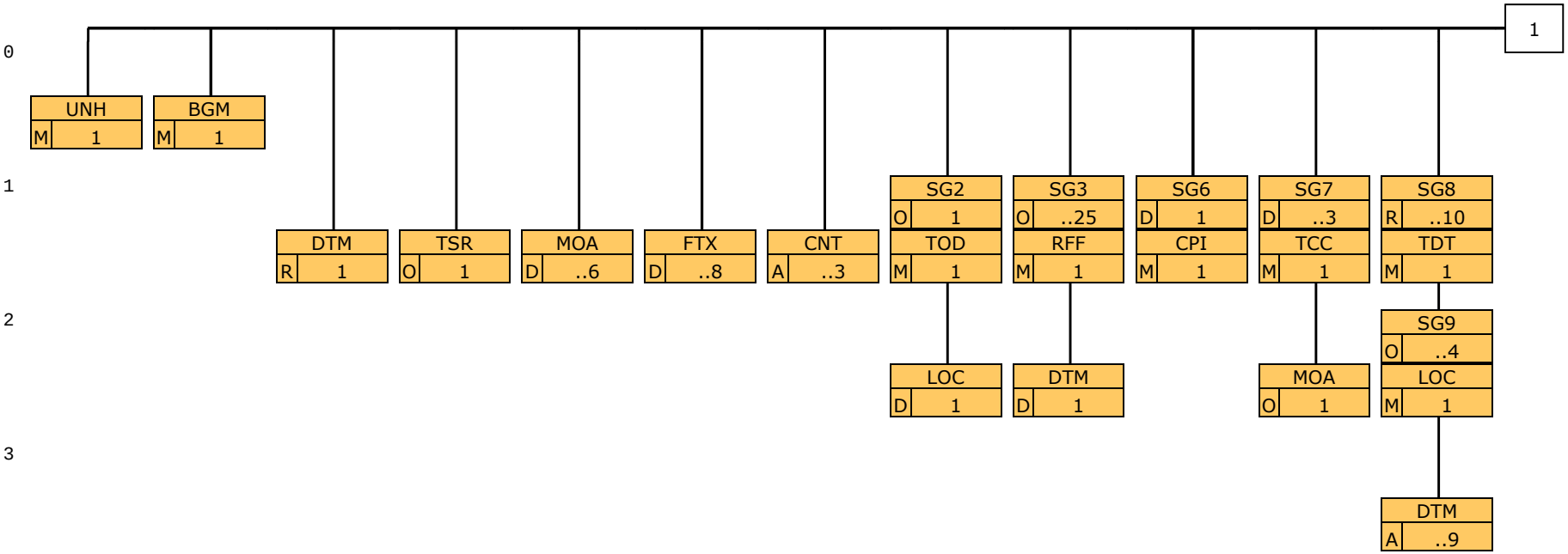
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

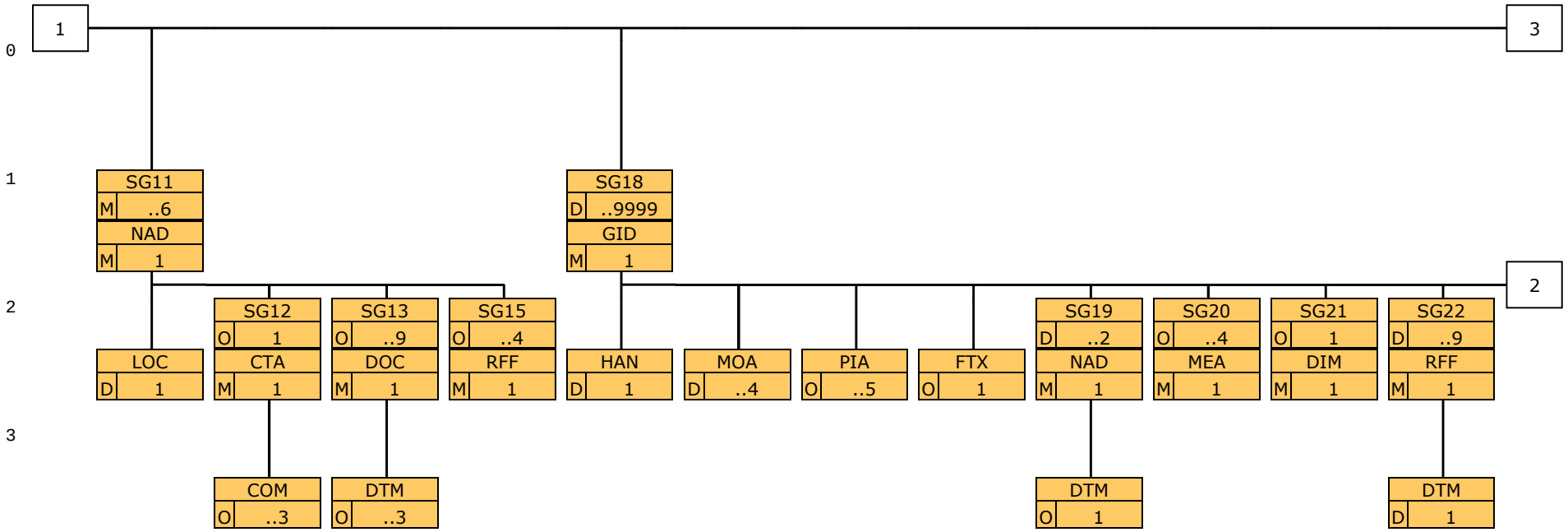
## MESSAGE STRUCTURE CHART

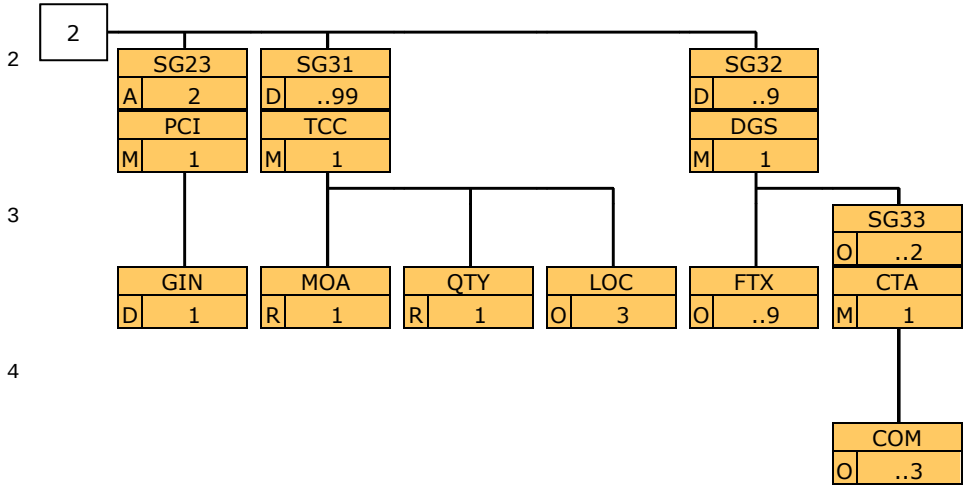
| | | | |
|---|---|---|---|
| | UNH | MESSAGE HEADER | M 1 |
| | BGM | BEGINNING OF MESSAGE | M 1 |
| | DTM | DATE/TIME/PERIOD | R 1 |
| | TSR | TRANSPORT SERVICE REQUIREMENTS | O 1 |
| | MOA | MONETARY AMOUNT | D ..6 |
| | FTX | FREE TEXT | D ..8 |
| | CNT | CONTROL TOTAL | A ..3 |
| SG2 | | | O 1 |
| | 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 | TRANSPORT CHARGE/RATE CALCULATIONS | M 1 |
| | MOA | MONETARY AMOUNT | O 1 |
| SG8 | | | R ..10 |
| | TDT | DETAILS OF TRANSPORT | 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 | TRANSPORT CHARGE/RATE CALCULATIONS | M 1 |
| | MOA | MONETARY AMOUNT | R 1 |
| | OTY | QUANTITY | R 1 |
| | LOC | PLACE/LOCATION IDENTIFICATION | O 3 |

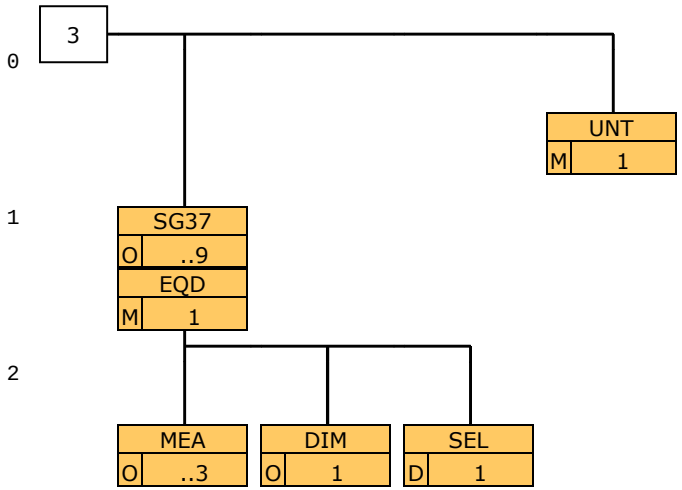
| | | | |
|---|---|---|---|
| SG32 | | | D..9 |
| | DGS | DANGEROUS GOODS | M 1 |
| | FTX | FREE TEXT | O..9 |
| SG33 | | | O..2 |
| | CTA | CONTACT INFORMATION | M 1 |
| | COM | COMMUNICATION CONTACT | O..3 |
| SG37 | | | O..9 |
| | EQD | EQUIPMENT DETAILS | M 1 |
| | MEA | MEASUREMENTS | O..3 |
| | DIM | DIMENSIONS | O 1 |
| | SEL | SEAL NUMBER | D 1 |
| | UNT | MESSAGE TRAILER | M 1 |

## BRANCHING DIAGRAM




0
1
2
3
1
3
2
SG11
M ..6
NAD
M 1
SG18
D ..9999
GID
M 1
SG12
O 1
CTA
M 1
COM
O ..3
SG13
O ..9
DOC
M 1
DTM
O ..3
SG15
O ..4
RFF
M 1
LOC
D 1
HAN
D 1
MOA
D ..4
PIA
O ..5
FTX
O 1
SG19
D ..2
NAD
M 1
DTM
O 1
SG20
O ..4
MEA
M 1
SG21
O 1
DIM
M 1
SG22
D ..9
RFF
M 1
DTM
D 1


2
2
SG23
A 2
PCI
M 1
SG31
D ..99
TCC
M 1
SG32
D ..9
DGS
M 1
3
GIN
D 1
MOA
R 1
QTY
R 1
LOC
O 3
FTX
O ..9
SG33
O ..2
CTA
M 1
4
COM
O ..3


0
1
2
3
UNT
M 1
SG37
O ..9
EQD
M 1
MEA
O ..3
DIM
O 1
SEL
D 1

## SEGMENT GROUPS/SEGMENTS DESCRIPTION

### UNH MESSAGE HEADER

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

### BGM BEGINNING OF MESSAGE

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

### DTM DATE/TIME/PERIOD

Function: A segment specifying the date/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 consigment.
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: M1

### 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: M1

**DTM DATE/TIME/PERIOD**

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

**SG6 CPI**

Function: A group of segments to indicate how the payment of freight charges should take place.
Usage: D1
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: M1

**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 TRANSPORT CHARGE/RATE CALCULATIONS**

Function: A segment specifying a charge and its settlement.
Usage: M1

**MOA MONETARY AMOUNT**

Function: A segment specifying a monetary charge amount.
Usage: O1

**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 DETAILS OF TRANSPORT**

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

**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: M1

**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 minumum 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.
At present the maximum occurrence of this segment group is 999. EDIFICE has raised a DMR to increase the number of occurrences to 9999.

At present the maximum occurrence of SG18 is 99. EDIFICE has raised a DMR to increase the number of occurrences to 9999.

**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: M 1

**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: O1
Notes:

**DIM DIMENSIONS**

Function: A segment specifying the dimensions.
Usage: M1

**SG22 RFF-DTM**

Function: A group of segments specifying identiy 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: M1

**DTM DATE/TIME/PERIOD**

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

**SG23 PCI-GIN**

Function: A group of segments specifying packaging identification numbers and shipping marks.
Usage: A2
Notes: When this information is barcoded, it must be proceeded 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: M1

**GIN GOODS IDENTITY NUMBER**

Function: A segment specifying the licence plate number.
Usage: D1

**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 TRANSPORT CHARGE/RATE CALCULATIONS**

Function: A segment specifying the Harmonized system number and related rate details.
Usage: M1

**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: M1

**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: M1

**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 tranportation 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: M1

**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 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 | IFTMIN = Instruction 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 | EDTI02 = International Forward & Transport message,Instruction Issue EDTI02 |
| 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 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 | |
| 1001 | an..3 | C | Document/message name, coded | R | 340 = Shipping instructions<br>610 = Forwarding instructions |
| 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 | 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. |
| 1056 | an..9 | C | Version | N | |
| 1060 | an..6 | C | Revision number | N | |
| 1225 | an..3 | C | MESSAGE FUNCTION, CODED | R | 1 = Cancellation<br>5 = Replace<br>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.
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/time/period qualifier | M | 137 = Document/message date/time<br>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<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## 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
Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| C536 | | C | CONTRACT AND CARRIAGE CONDITION | R | |
| 4065 | an..3 | M | Contract and carriage condition, coded | M | 2 = Special agreement for parcels transport<br>3 = Special agreement for full loading transport<br>5 = FIATA combined transport bill of lading<br>7 = Normal tariff, parcels transport<br>8 = Normal tariff, full loading transport<br>10 = Port to port<br>11 = CMR carnet<br>12 = Special tariff, parcels transport<br>13 = Special tariff, full transport<br>27 = Door-to-door<br>DTP = Door to port (*)<br>PTD = Port to door (*)<br>(*) EDIFICE code |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C233 | | C | SERVICE | O | |
| 7273 | an..3 | M | Service requirement, coded | M | 1 = Carrier loads<br>2 = Full loads<br>3 = Less than full loads<br>4 = Shipper loads |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7273 | an..3 | C | Service requirement, coded | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C537 | | C | TRANSPORT PRIORITY | O | |
| 4219 | an..3 | M | Transport priority, coded | M | 1 = Express<br>2 = High speed<br>3 = Normal speed<br>4 = Post service |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C703 | | C | NATURE OF CARGO | N | |
| 7085 | an..3 | M | Nature of cargo, coded | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | 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 qualifier | M | 22 = Cash on delivery amount<br>39 = Invoice total amount<br>43 = Declared total Customs value<br>44 = Declared value for carriage<br>131 = Total/charges/allowances<br>157 = Insurance value |
| 5004 | n..18 | C | Monetary amount | R | |
| 6345 | an..3 | C | Currency, coded | R | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C | Currency qualifier | O | 1 = Customs valuation currency<br>4 = Invoicing currency |
| 4405 | an..3 | C | Status, coded | 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 QUALIFIER | M | AAI = General information<br>BLR = Transport document remarks<br>CUR = Customer remarks<br>DEL = Delivery information<br>DIN = Delivery instructions<br>HAN = Handling instructions<br>ICN = Information for consignee<br>Remarks to be printed on transport documents.<br>MKS = Additional marks/numbers information<br>PAC = Packing/marking information<br>SIC = Sender's instruction to carrier<br>SIN = Special instructions |
| 4453 | an..3 | C | TEXT FUNCTION, CODED | O | 1 = Text for subsequent use<br>2 = Text replacing missing code<br>Used if no specific text qualifier is available<br>3 = Text for immediate use<br>Text must be read before actioning the message |
| C107 | | C | TEXT REFERENCE | N | |
| 4441 | an..17 | M | Free text identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C108 | | C | TEXT LITERAL | R | |
| 4440 | an..70 | M | Free text | M | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 3453 | an..3 | C | LANGUAGE, CODED | N | |

## CNT CONTROL TOTAL

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

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| C270 | | M | CONTROL | M | |
| 6069 | an..3 | M | Control qualifier | M | 7 = Total gross weight<br>11 = Total number of packages<br>15 = Total consignment, cube<br>Total volume |
| 6066 | n..18 | M | Control value | M | |
| 6411 | an..3 | C | Measure unit qualifier | R | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CMQ = cubic centimetre<br>FTQ = cubic foot<br>INQ = inch cubed<br>KGM = kilogram<br>LBR = pound<br>MTQ = cubic metre<br>PCE = piece (*)<br>(*) EDIFICE code, not included in UN/ECE Recommendation No. 20 |

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

## SG2 TOD-LOC

## LOC PLACE/LOCATION IDENTIFICATION

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

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

## 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 qualifier | M | AAC = Documentary credit number<br>AAD = Contract addendum number<br>AAK = Despatch advice number<br>AAM = Waybill number<br>AAN = Delivery schedule number<br>ACW = Reference number to previous message<br>AFN = Account party's reference<br>AWB = Air waybill number<br>BM = Bill of lading number<br>BN = Booking reference number<br>CMR = Road consignment note number<br>CO = Buyers order number<br>Customer order number<br>CN = Carrier's reference number<br>CT = Contract number<br>ED = Export declaration<br>EX = Export license number<br>FF = Freight forwarder's reference number<br>GN = Government reference number<br>HWB = House waybill number<br>IP = Import license number<br>IV = Invoice number<br>LC = Letter of credit number<br>MB = Master bill of lading<br>MWB = Master air waybill number<br>ON = Order number (purchase)<br>PK = Packing list number<br>PQ = Payment reference<br>SI = SID (Shipper's identifying number for shipment)<br>SRN = Shipment reference number<br>UCN = Unique consignment reference number<br>VN = Order number (vendor) |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | O | |
| 4000 | an..35 | C | Reference version number | N | |

## SG3 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 | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## 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 | |
| 5237 | an..3 | M | Charge category, coded | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C231 | | C | METHOD OF PAYMENT | N | |
| 4215 | an..3 | M | Transport charges method of payment, coded | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 4237 | an..3 | C | PREPAID/COLLECT INDICATOR, CODED | R | B = Third party to pay<br>A third party to pay the freight bill is known at the time of shipment.<br>C = Collect<br>P = Prepaid |

## SG7 TCC-MOA

## TCC TRANSPORT CHARGE/RATE CALCULATIONS

Function: A segment specifying a charge and its settlement.
Usage : M1
Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| C200 | | C | CHARGE | R | |
| 8023 | an..17 | C | Freight and charges identification | R | Use UN/ECE Recommendation No. 23 :<br>Examples of codes : |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 8022 | an..26 | C | Freight and charges | N | |
| 4237 | an..3 | C | Prepaid/collect indicator, coded | D | B = Third party to pay<br>A third party to pay the freight bill is known at the time of shipment.<br>C = Collect<br>P = Prepaid |
| 7140 | an..35 | C | Item number | N | |
| C203 | | C | RATE/TARIFF CLASS | N | |
| 5243 | an..9 | M | Rate/tariff class identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5242 | an..35 | C | Rate/tariff class | N | |
| 5275 | an..6 | C | Supplementary rate/tariff basis identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5275 | an..6 | C | Supplementary rate/tariff basis identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C528 | | C | COMMODITY/RATE DETAIL | N | |
| 7357 | an..18 | C | Commodity/rate identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C554 | | C | RATE/TARIFF CLASS DETAIL | N | |
| 5243 | an..9 | C | Rate/tariff class identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |

## SG7 TCC-MOA

## MOA MONETARY AMOUNT

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

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| C516 | | M | MONETARY AMOUNT | M | |
| 5025 | an..3 | M | Monetary amount type qualifier | M | 22 = Cash on delivery amount<br>23 = Charge amount |
| 5004 | n..18 | C | Monetary amount | R | |
| 6345 | an..3 | C | Currency, coded | R | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C | Currency qualifier | N | |
| 4405 | an..3 | C | Status, coded | N | |

## SG8 TDT-SG9

## TDT DETAILS OF TRANSPORT

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 QUALIFIER | M | 10 = Pre-carriage transport<br>20 = Main-carriage transport<br>30 = On-carriage transport |
| 8028 | an..17 | C | CONVEYANCE REFERENCE NUMBER | A | Used for Flight or Voyage No. |
| C220 | | C | MODE OF TRANSPORT | R | |
| 8067 | an..3 | C | Mode of transport, coded | R | The following codes are taken from the UN/ECE Recommendation No 19.<br>1 = Maritime transport<br>2 = Rail transport<br>3 = Road transport<br>4 = Air transport<br>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 | A | |
| 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)<br>9 = EAN (International Article Numbering association)<br>11 = Lloyd's register of shipping<br>16 = DUNS (Dun & Bradstreet)<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent<br>166 = US, National Motor Freight Classification Association |
| 3128 | an..35 | C | Carrier name | D | Used if no coded name is exchanged. |
| 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 | A | |
| 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 | A | Vessel name or vehicle license 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 | |

## 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 | PLACE/LOCATION QUALIFIER | M | 5 = Place of departure<br>7 = Place of delivery<br>8 = Place of destination<br>9 = Place/port of loading<br>11 = Place/port of discharge<br>13 = Place of transhipment<br>15 = Place of transfer responsibility<br>19 = Factory/plant<br>24 = Port of entry<br>28 = Country of destination of goods Destination country<br>50 = Customs office of transit<br>60 = Place of arrival<br>83 = Place of delivery (by on carriage) |
| C517 | | C | LOCATION IDENTIFICATION | R | |
| 3225 | an..25 | C | Place/location identification | R | Use UN/ECE Recommendation no.16, UNLOCODE. If not applicable, use codes from another appropriate code set in combination with DE 1131/3055. |
| 1131 | an..3 | C | Code list qualifier | D | |
| 3055 | an..3 | C | Code list responsible agency, coded | D | Examples of codes are:<br>3 = IATA (International Air Transport Association)<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent |
| 3224 | an..70 | C | Place/location | O | |
| C519 | | C | RELATED LOCATION ONE IDENTIFICATION | N | |
| 3223 | an..25 | C | Related place/location one identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3222 | an..70 | C | Related place/location one | N | |
| C553 | | C | RELATED LOCATION TWO IDENTIFICATION | N | |
| 3233 | an..25 | C | Related place/location two identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3232 | an..70 | C | Related place/location two | N | |
| 5479 | an..3 | C | RELATION, CODED | N | |

## 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/time/period qualifier | M | 2 = Delivery date/time, requested<br>10 = Shipment date/time, requested<br>17 = Delivery date/time, estimated<br>Date/time when carrier estimates when a means of transport should arrive at port of discharge or place of destination.<br>63 = Delivery date/time, latest<br>64 = Delivery date/time, earliest<br>69 = Delivery date/time, promised for<br>128 = Delivery date/time, last<br>Latest delivery date<br>132 = Arrival date/time, estimated<br>133 = Departure date/time, estimated<br>Date/time when a carrier estimates that a means of transport should depart at the place of departure.<br>189 = Departure date/time, scheduled<br>190 = Transhipment date/time<br>191 = Delivery date/time, expected<br>200 = Pick-up/collection date/time of cargo<br>Used by the seller to indicate to the forwarder when the goods can be collected from the seller's premises.<br>234 = Collection date/time, earliest<br>235 = Collection date/time, latest |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## 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 QUALIFIER | M | AA = Party to be billed (AAR Accounting rule 11)<br>AG = Agent/representative<br>AK = Acknowledgement recipient<br>BS = Bill and ship to<br>BY = Buyer<br>CM = Customs<br>CN = Consignee<br>CZ = Consignor<br>DP = Delivery party<br>This is the 'ship to' address.<br>FP = Freight/charges payer<br>FW = Freight forwarder<br>IB = Intermediary/broker<br>NI = Notify party<br>PW = Despatch party<br>Where the goods are collected from, if not identical with consignor.<br>SE = Seller<br>SF = Ship from |
| C082 | | C | PARTY IDENTIFICATION DETAILS | A | |
| 3039 | an..35 | M | Party id. identification | M | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | 9 = EAN (International Article Numbering association)<br>16 = DUNS (Dun & Bradstreet)<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent |
| C058 | | C | NAME AND ADDRESS | D | |
| 3124 | an..35 | M | Name and address line | M | |
| 3124 | an..35 | C | Name and address line | O | |
| 3124 | an..35 | C | Name and address line | O | |
| 3124 | an..35 | C | Name and address line | O | |
| 3124 | an..35 | C | Name and address line | O | |
| C080 | | C | PARTY NAME | D | |
| 3036 | an..35 | M | Party name | M | |
| 3036 | an..35 | C | Party name | O | |
| 3036 | an..35 | C | Party name | O | |
| 3036 | an..35 | C | Party name | O | |
| 3036 | an..35 | C | Party name | O | |
| 3045 | an..3 | C | Party name format, coded | N | |
| C059 | | C | STREET | D | |
| 3042 | an..35 | M | Street and number/p.o. box | M | |
| 3042 | an..35 | C | Street and number/p.o. box | O | |
| 3042 | an..35 | C | Street and number/p.o. box | O | |
| 3042 | an..35 | C | Street and number/p.o. box | O | |
| 3164 | an..35 | C | CITY NAME | D | |
| 3229 | an..9 | C | COUNTRY SUB-ENTITY IDENTIFICATION | D | |
| 3251 | an..9 | C | POSTCODE IDENTIFICATION | D | |
| 3207 | an..3 | C | COUNTRY, CODED | D | Use ISO 3166, 2 alpha code |

## SG11 NAD-LOC-SG12-SG13-SG15

## LOC PLACE/LOCATION IDENTIFICATION

Function: A segment specifying a location or place relevant to the specified party.
Usage : D 1
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 3227 | an..3 | M | PLACE/LOCATION QUALIFIER | M | 5 = Place of departure<br>7 = Place of delivery<br>10 = Place of acceptance<br>Goods taken over by the carrier |
| C517 | | C | LOCATION IDENTIFICATION | R | |
| 3225 | an..25 | C | Place/location identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3224 | an..70 | C | Place/location | R | |
| C519 | | C | RELATED LOCATION ONE IDENTIFICATION | N | |
| 3223 | an..25 | C | Related place/location one identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3222 | an..70 | C | Related place/location one | N | |
| C553 | | C | RELATED LOCATION TWO IDENTIFICATION | N | |
| 3233 | an..25 | C | Related place/location two identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3232 | an..70 | C | Related place/location two | N | |
| 5479 | an..3 | C | RELATION, CODED | N | |

## 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, 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 | |

## 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 number | M | |
| 3155 | an..3 | M | Communication channel qualifier | M | EM = Electronic mail<br>FX = Telefax<br>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/message name, coded | R | 270 = Delivery note<br>271 = Packing list<br>325 = Proforma invoice<br>380 = Commercial invoice<br>630 = Shipping note<br>700 = Waybill<br>703 = House waybill<br>705 = Bill of lading<br>720 = Rail consignment note<br>730 = Road consignment note<br>740 = Air waybill<br>811 = Export licence<br>830 = Goods declaration for exportation<br>861 = Certificate of origin<br>865 = Certificate of origin form GSP<br>870 = Consular invoice<br>890 = Dangerous goods declaration<br>901 = Delivery verification certificate<br>911 = Import licence<br>954 = EUR1-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 | D | |
| 1004 | an..35 | C | Document/message number | D | |
| 1373 | an..3 | C | Document/message status, coded | O | 2 = Accompanying goods<br>6 = To arrive by manual means<br>7 = To be raised and sent<br>9 = To be printed |
| 1366 | an..35 | C | Document/message source | N | |
| 3453 | an..3 | C | Language, coded | N | |
| 3153 | an..3 | C | COMMUNICATION CHANNEL IDENTIFIER, CODED | N | |
| 1220 | n..2 | C | NUMBER OF COPIES OF DOCUMENT REQUIRED | O | |
| 1218 | n..2 | C | NUMBER OF ORIGINALS OF DOCUMENT REQUIRED | 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.
At present the maximum occurrence of this segment 1. EDIFICE has raised a DMR to increase the number of occurrences to 3.

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| C507 | | M | DATE/TIME/PERIOD | M | |
| 2005 | an..3 | M | Date/time/period qualifier | M | 7 = Effective date/time<br>36 = Expiry date<br>137 = Document/message date/time<br>Date when the document is created<br>194 = Start date/time<br>Used when defining a period<br>206 = End date/time<br>Used when defining a period |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## 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 qualifier | M | ADE = Account number<br>CR = Customer reference number<br>ERN = Exporter's reference number<br>IT = Internal customer number<br>VA = VAT registration number |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | N | |
| 4000 | an..35 | C | Reference version number | 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 | n..5 | 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 | Number of packages | R | |
| 7065 | an..17 | C | Type of packages identification | A | The following codes are taken from the UN/ECE Recommendation No 21.<br>BA = Barrel<br>BE = Bundle<br>BG = Bag<br>BX = Box<br>CG = Cage<br>CN = Container (*)<br>CR = Crate<br>CS = Case<br>CT = Carton<br>DR = Drum<br>EN = Envelope<br>NE = Unpacked or unpackaged<br>PC = Parcel<br>PE = Pallet (*)<br>PK = Packages<br>RL = Reel<br>RO = Roll<br>SW = Shrinkwrapped<br>TU = Tube<br>If not applicable use appropriate code set in combination with DE 1131 and DE 3055.<br>(*) 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 | D | Used if no coded type of packages is exchanged in DE 7065. |
| 7233 | an..3 | C | Packaging related information, coded | N | |
| C213 | | C | NUMBER AND TYPE OF PACKAGES | N | |
| 7224 | n..8 | C | Number of packages | N | |
| 7065 | an..17 | C | Type of packages identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7064 | an..35 | C | Type of packages | N | |
| 7233 | an..3 | C | Packaging related information, coded | N | |
| C213 | | C | NUMBER AND TYPE OF PACKAGES | N | |
| 7224 | n..8 | C | Number of packages | N | |
| 7065 | an..17 | C | Type of packages identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7064 | an..35 | C | Type of packages | N | |
| 7233 | an..3 | C | Packaging related information, coded | N | |
| C213 | | C | NUMBER AND TYPE OF PACKAGES | N | |
| 7224 | n..8 | C | Number of packages | N | |

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 7065 | an..17 | C | Type of packages identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7064 | an..35 | C | Type of packages | N | |
| 7233 | an..3 | C | Packaging related information, coded | N | |
| C213 | | C | NUMBER AND TYPE OF PACKAGES | N | |
| 7224 | n..8 | C | Number of packages | N | |
| 7065 | an..17 | C | Type of packages identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7064 | an..35 | C | Type of packages | N | |
| 7233 | an..3 | C | Packaging related information, coded | 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 : D 1
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 instructions, coded | 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..3 | C | Code list qualifier | O | |
| 3055 | an..3 | C | Code list responsible agency, coded | A | See UN/EDIFACT code list. |
| 4078 | an..70 | C | Handling instructions | D | |
| C218 | | C | HAZARDOUS MATERIAL | D | |
| 7419 | an..4 | C | Hazardous material class code, identification | R | Industry defined code, specifying the kind of hazard for a material. |
| 1131 | an..3 | C | Code list qualifier | O | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | See UN/EDIFACT code list. |
| 7418 | an..35 | C | Hazardous material class | 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 qualifier | M | 40 = Customs value<br>44 = Declared value for carriage<br>123 = Statistical value<br>157 = Insurance value |
| 5004 | n..18 | C | Monetary amount | R | |
| 6345 | an..3 | C | Currency, coded | R | Use Iso 4217, 3 alpha code |
| 6343 | an..3 | C | Currency qualifier | N | |
| 4405 | an..3 | C | Status, coded | 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 ID. FUNCTION QUALIFIER | M | 1 = Additional identification |
| C212 | | M | ITEM NUMBER IDENTIFICATION | M | |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | EN = International Article Numbering Association (EAN)<br>MA = Machine number<br>MN = Model number<br>ON = Customer order number<br>SN = Serial number<br>SRV = EAN.UCC Global Trade Item Number<br>UP = UPC (Universal product code)<br>VP = Vendor's (seller's) part number |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | 9 = EAN (International Article Numbering association)<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent<br>113 = US, UCC (Uniform Code Council) |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item number | R | |
| 7143 | an..3 | C | Item number type, coded | R | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | 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 : O 1
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 4451 | an..3 | M | TEXT SUBJECT QUALIFIER | M | AAA = Goods description |
| 4453 | an..3 | C | TEXT FUNCTION, CODED | N | |
| C107 | | C | TEXT REFERENCE | N | |
| 4441 | an..17 | M | Free text identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C108 | | C | TEXT LITERAL | R | |
| 4440 | an..70 | M | Free text | M | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 3453 | an..3 | C | LANGUAGE, CODED | N | |

## 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 QUALIFIER | M | DP = Delivery party<br>Several drop off points for the same consignee. This is the 'ship to' address.<br>PW = Despatch party<br>Several collection points for the same consignor. |
| C082 | | C | PARTY IDENTIFICATION DETAILS | A | |
| 3039 | an..35 | M | Party id. identification | M | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | 9 = EAN (International Article Numbering association)<br>16 = DUNS (Dun & Bradstreet)<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent |
| C058 | | C | NAME AND ADDRESS | D | |
| 3124 | an..35 | M | Name and address line | M | |
| 3124 | an..35 | C | Name and address line | O | |
| 3124 | an..35 | C | Name and address line | O | |
| 3124 | an..35 | C | Name and address line | O | |
| 3124 | an..35 | C | Name and address line | O | |
| C080 | | C | PARTY NAME | D | |
| 3036 | an..35 | M | Party name | M | |
| 3036 | an..35 | C | Party name | O | |
| 3036 | an..35 | C | Party name | O | |
| 3036 | an..35 | C | Party name | O | |
| 3036 | an..35 | C | Party name | O | |
| 3045 | an..3 | C | Party name format, coded | O | |
| 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 |

## SG19 NAD-DTM

## DTM DATE/TIME/PERIOD

Function: A segment specifying a date/time relating to the identified party.
Usage : O 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 | 2 = Delivery date/time, requested<br>10 = Shipment date/time, requested<br>17 = Delivery date/time, estimated<br>63 = Delivery date/time, latest<br>64 = Delivery date/time, earliest<br>69 = Delivery date/time, promised for<br>128 = Delivery date/time, last<br>Latest delivery date<br>133 = Departure date/time, estimated<br>189 = Departure date/time, scheduled<br>190 = Transhipment date/time<br>191 = Delivery date/time, expected<br>200 = Pick-up/collection date/time of cargo<br>Used by the seller to indicate to the forwarder when the goods can be collected from the seller's premises.<br>234 = Collection date/time, earliest<br>235 = Collection date/time, latest |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## SG20 MEA

## MEA MEASUREMENTS

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

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| 6311 | an..3 | M | MEASUREMENT PURPOSE QUALIFIER | M | CHW = Chargeable weight<br>LMT = Loading meters<br>VOL = Volume<br>WT = Weights |
| C502 | | C | MEASUREMENT DETAILS | R | |
| 6313 | an..3 | C | Property measured, coded | R | AAA = Unit net weight<br>AAB = Unit gross weight<br>AAC = Total net weight<br>Net weight<br>AAK = Loading meter<br>AAW = Gross volume |
| 6321 | an..3 | C | Measurement significance, coded | N | |
| 6155 | an..17 | C | Measurement attribute identification | N | |
| 6154 | an..70 | C | Measurement attribute | N | |
| C174 | | C | VALUE/RANGE | R | |
| 6411 | an..3 | M | Measure unit qualifier | M | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CMQ = cubic centimetre<br>FTQ = cubic foot<br>INQ = inch cubed<br>KGM = kilogram<br>LBR = pound<br>MTQ = cubic metre<br>MTR = metre |
| 6314 | an..18 | C | Measurement value | R | |
| 6162 | n..18 | C | Range minimum | N | |
| 6152 | n..18 | C | Range maximum | N | |
| 6432 | n..2 | C | Significant digits | N | |
| 7383 | an..3 | C | SURFACE/LAYER INDICATOR, CODED | N | |

## SG21 DIM

## DIM DIMENSIONS

Function: A segment specifying the dimensions.
Usage : M1
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 6145 | an..3 | M | DIMENSION QUALIFIER | M | 1 = Gross dimensions |
| C211 | | M | DIMENSIONS | M | |
| 6411 | an..3 | M | Measure unit qualifier | M | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CMT = centimetre<br>INH = inch<br>MTR = metre |
| 6168 | n..15 | C | Length dimension | R | |
| 6140 | n..15 | C | Width dimension | R | |
| 6008 | n..15 | C | Height dimension | 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 qualifier | M | AAK = Despatch advice number<br>AAN = Delivery schedule number<br>AFE = Export control commodity number<br>AFN = Account party's reference<br>CT = Contract number<br>ED = Export declaration<br>EX = Export license number<br>GN = Government reference number<br>HS = Harmonised system<br>IP = Import license number<br>IV = Invoice number<br>LC = Letter of credit number<br>ON = Order number (purchase)<br>PK = Packing list number<br>SN = Seal number<br>SRN = Shipment reference number<br>VN = Order number (vendor) |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | D | To hold the line number within the referenced document identified in DE 1154. That is the case when DE 1153 = 'ON' or 'AAN'. |
| 4000 | an..35 | C | Reference version number | 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/time/period qualifier | M | 171 = Reference date/time |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

## 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, CODED | R | 16 = Buyer's instructions<br>17 = Seller's instructions<br>24 = Shipper assigned<br>For License plate only |
| C210 | | C | MARKS & LABELS | D | |
| 7102 | an..35 | M | Shipping marks | M | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 7102 | an..35 | C | Shipping marks | O | |
| 8275 | an..3 | C | CONTAINER/PACKAGE STATUS, CODED | N | |
| C827 | | C | TYPE OF MARKING | N | |
| 7511 | an..3 | M | Type of marking, coded | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |

## 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 | IDENTITY NUMBER QUALIFIER | M | ML = Marking/label number<br>VZ = Transport unit identification according to ISO/IEC 15459<br>WA = Indivisible transport unit according to ISO/IEC 15459<br>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.<br>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 | 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 | |

## SG31 TCC-MOA-QTY-LOC

## TCC TRANSPORT 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 charges identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 8022 | an..26 | C | Freight and charges | N | |
| 4237 | an..3 | C | Prepaid/collect indicator, coded | N | |
| 7140 | an..35 | C | Item number | N | |
| C203 | | C | RATE/TARIFF CLASS | O | |
| 5243 | an..9 | M | Rate/tariff class identification | M | B = Basic |
| 1131 | an..3 | C | Code list qualifier | R | 105 = Customs declaration type |
| 3055 | an..3 | C | Code list responsible agency, coded | O | |
| 5242 | an..35 | C | Rate/tariff class | R | This field may contain two numbers, Export license number and Export control commodity number. |
| 5275 | an..6 | C | Supplementary rate/tariff basis identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 5275 | an..6 | C | Supplementary rate/tariff basis identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C528 | | C | COMMODITY/RATE DETAIL | R | |
| 7357 | an..18 | C | Commodity/rate identification | R | Harmonized system number |
| 1131 | an..3 | C | Code list qualifier | R | 169 = Harmonized system |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C554 | | C | RATE/TARIFF CLASS DETAIL | N | |
| 5243 | an..9 | C | Rate/tariff class identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | 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 qualifier | M | 40 = Customs value |
| 5004 | n..18 | C | Monetary amount | R | |
| 6345 | an..3 | C | Currency, coded | R | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C | Currency qualifier | N | |
| 4405 | an..3 | C | Status, coded | 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 qualifier | M | 131 = Delivery quantity |
| 6060 | n..15 | M | Quantity | M | HS number quantity |
| 6411 | an..3 | C | Measure unit qualifier | R | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CLT = centilitre<br>CMT = centimetre<br>GRM = gram<br>KGM = kilogram<br>KTM = kilometre<br>LTR = litre<br>MGM = milligram<br>MMT = millimetre<br>MTK = square metre<br>MTQ = cubic metre<br>MTR = metre<br>PCE = piece (*)<br>(*) EDIFICE code, not included in UN/ECE Recommendation No. 20<br>Other codes should be previously agreed between trading partners. |

## 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 : O 3
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 3227 | an..3 | M | PLACE/LOCATION QUALIFIER | M | 10 = Place of acceptance<br>22 = Customs office of clearance<br>27 = Country of origin<br>115 = Free zone of export |
| C517 | | C | LOCATION IDENTIFICATION | R | |
| 3225 | an..25 | C | Place/location identification | R | State/Province when DE 3227 is 10 or 22<br>Use ISO 3166, 2 alpha code when DE 3227 is 27<br>Free trade zone number when DE 3227 is 115 |
| 1131 | an..3 | C | Code list qualifier | D | 163 = Country sub-entity<br>Used when DE 3227 is 10 or 22 |
| 3055 | an..3 | C | Code list responsible agency, coded | O | |
| 3224 | an..70 | C | Place/location | O | |
| C519 | | C | RELATED LOCATION ONE IDENTIFICATION | N | |
| 3223 | an..25 | C | Related place/location one identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3222 | an..70 | C | Related place/location one | N | |
| C553 | | C | RELATED LOCATION TWO IDENTIFICATION | N | |
| 3233 | an..25 | C | Related place/location two identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3232 | an..70 | C | Related place/location two | N | |
| 5479 | an..3 | C | RELATION, CODED | N | |

## 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, CODED | R | ADR = European agreement on the international carriage of dangerous goods on road.<br>CFR = 49 code of federal regulations US.<br>ICA = IATA ICAO Air transport.<br>IMD = IMO IMDG code Sea transport.<br>RID = Railroad dangerous goods book (RID) Rail/road transport. |
| C205 | | C | HAZARD CODE | O | |
| 8351 | an..7 | M | Hazard code identification | M | |
| 8078 | an..7 | C | Hazard substance/item/page number | O | |
| 8092 | an..10 | C | Hazard code version number | O | |
| C234 | | C | UNDG INFORMATION | O | |
| 7124 | n4 | C | UNDG number | O | Use UN-number, if applicable |
| 7088 | an..8 | C | Dangerous goods flashpoint | O | |
| C223 | | C | DANGEROUS GOODS SHIPMENT FLASHPOINT | O | |
| 7106 | n3 | C | Shipment flashpoint | O | The shipment flashpoint is regarded as positive, unless it is preceded by a minus sign. |
| 6411 | an..3 | C | Measure unit qualifier | O | CEL = degree Celcius<br>FAH = degree Fahrenheit |
| 8339 | an..3 | C | PACKING GROUP, CODED | O | 1 = Great danger<br>2 = Medium danger<br>3 = Minor danger |
| 8364 | an..6 | C | EMS NUMBER | O | |
| 8410 | an..4 | C | MFAG | O | |
| 8126 | an..10 | C | TREM CARD NUMBER | O | |
| C235 | | C | HAZARD IDENTIFICATION | O | |
| 8158 | an..4 | C | Hazard identification number, upper part | O | |
| 8186 | an4 | C | Substance identification number, lower part | O | |
| C236 | | C | DANGEROUS GOODS LABEL | O | |
| 8246 | an..4 | C | Dangerous goods label marking | O | |
| 8246 | an..4 | C | Dangerous goods label marking | O | |
| 8246 | an..4 | C | Dangerous goods label marking | O | |
| 8255 | an..3 | C | PACKING INSTRUCTION, CODED | O | |
| 8325 | an..3 | C | CATEGORY OF MEANS OF TRANSPORT, CODED | O | |
| 8211 | an..3 | C | PERMISSION FOR TRANSPORT, CODED | 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 QUALIFIER | M | AAC = Dangerous goods additional information<br>AAD = Dangerous goods, technical name<br>HAN = Handling instructions<br>HAZ = Hazard information |
| 4453 | an..3 | C | TEXT FUNCTION, CODED | R | 1 = Text for subsequent use<br>3 = Text for immediate use<br>Text must be read before actioning the message. |
| C107 | | C | TEXT REFERENCE | N | |
| 4441 | an..17 | M | Free text identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| C108 | | C | TEXT LITERAL | R | |
| 4440 | an..70 | M | Free text | M | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 4440 | an..70 | C | Free text | O | |
| 3453 | an..3 | C | LANGUAGE, CODED | N | |

## 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, CODED | R | HE = Emergency dangerous goods contact<br>HG = Dangerous goods 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 | |

## SG33 CTA-COM

## COM COMMUNICATION CONTACT

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

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| C076 | | M | COMMUNICATION CONTACT | M | |
| 3148 | an..512 | M | Communication number | M | |
| 3155 | an..3 | M | Communication channel qualifier | M | EM = Electronic mail<br>FX = Telefax<br>TE = Telephone |

## 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 QUALIFIER | M | BPN = Box pallet non exchangeable<br>CN = Container<br>EFP = Exchangeable EUR flat pallet<br>PA = Pallet<br>TE = Trailer<br>UL = ULD (Unit load device) |
| C237 | | C | EQUIPMENT IDENTIFICATION | R | |
| 8260 | an..17 | C | Equipment identification number | R | The identification of the equipment is provided at this point. |
| 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 | |

## SG37 EQD-MEA-DIM-SEL

## MEA MEASUREMENTS

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

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 6311 | an..3 | M | MEASUREMENT PURPOSE QUALIFIER | M | CHW = Chargeable weight<br>LMT = Loading meters<br>VOL = Volume<br>WT = Weights |
| C502 | | C | MEASUREMENT DETAILS | R | |
| 6313 | an..3 | C | Property measured, coded | R | AAA = Unit net weight<br>AAB = Unit gross weight<br>AAC = Total net weight<br>Net weight<br>AAD = Total gross weight<br>AAK = Loading meter<br>AAW = Gross volume |
| 6321 | an..3 | C | Measurement significance, coded | N | |
| 6155 | an..17 | C | Measurement attribute identification | N | |
| 6154 | an..70 | C | Measurement attribute | N | |
| C174 | | C | VALUE/RANGE | R | |
| 6411 | an..3 | M | Measure unit qualifier | M | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CMQ = cubic centimetre<br>FTQ = cubic foot<br>INQ = inch cubed<br>KGM = kilogram<br>LBR = pound<br>MTQ = cubic metre<br>MTR = metre |
| 6314 | an..18 | C | Measurement value | R | |
| 6162 | n..18 | C | Range minimum | N | |
| 6152 | n..18 | C | Range maximum | N | |
| 6432 | n..2 | C | Significant digits | N | |
| 7383 | an..3 | C | SURFACE/LAYER INDICATOR, CODED | N | |

## SG37 EQD-MEA-DIM-SEL

## DIM DIMENSIONS

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

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 6145 | an..3 | M | DIMENSION QUALIFIER | M | 1 = Gross dimension |
| C211 | | M | DIMENSIONS | M | |
| 6411 | an..3 | M | Measure unit qualifier | M | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br>CMT = centimetre<br>INH = inch<br>MTR = metre |
| 6168 | n..15 | C | Length dimension | R | |
| 6140 | n..15 | C | Width dimension | R | |
| 6008 | n..15 | C | Height dimension | 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 : D 1
Notes :

| Ref. | Rep. | | Name | EDIFICE Utilisation | |
|---|---|---|---|---|---|
| 9308 | an..10 | M | SEAL NUMBER | M | |
| C215 | | C | SEAL ISSUER | R | |
| 9303 | an..3 | C | Sealing party, coded | R | CA = Carrier<br>CU = Customs<br>SH = Shipper<br>TO = Terminal operator |
| 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 | |

## UNT MESSAGE TRAILER

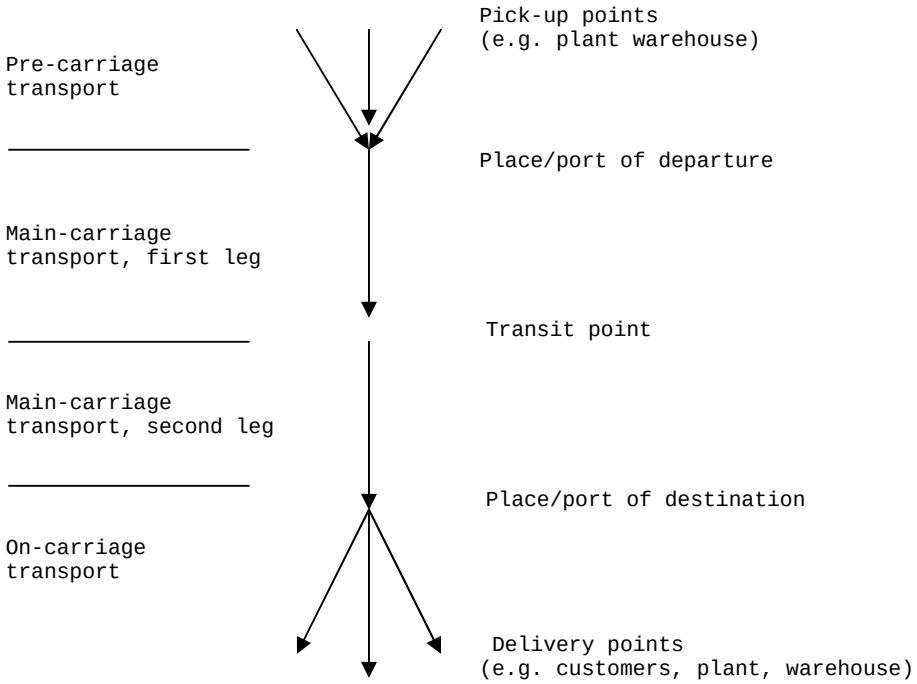
Function: A service segment ending, and providing information for checking the completeness of a message.
Usage : M1
Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDSS04.

| 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 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+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1' | |
| UNH+3211+IFTMIN:D:97A:UN:EDTI02' | Message header |
| BGM+340+927649+9' | Shipment number |
| DTM+137:200102100930:203' | Creation date/time |
| TSR+7++3' | Transport service requirement |
| MOA+157:15000:FIM' | Insurance value |
| FTX+ICN+++IP 345654' | Remarks to be printed on transport documents |
| CNT+7:167:KGM' | Total gross weight (167 kilograms) |
| CNT+11:1:PCE' | Total number of packages (1 package) |
| CNT+15:0.576:MTQ' | Total volume (0.576 cubicmetres) |
| TOD+6++CIP' | Terms of delivery |
| LOC+1+FRA::3' | Place of terms of delivery |
| RFF+AWB:220-44335566' | AWB number |
| RFF+SRN:AB12345' | Shipment reference number |
| DTM+171:20010210:102' | Date of reference |
| CPI+++P' | Freight charges to be prepaid |
| TCC+100000' | Freight charge indicator |
| MOA+23:2560.00:FIM' | Freight charge amount |
| TDT+10++3++FI123+++:::DRS777:FI' | Pre-carriage transport |
| LOC+5+FITMP' | Place of pick-up, coded |
| DTM+200:200102101400:203' | Pick-up date/time |
| TDT+20+LH1234+4++LH' | Main-carriage transport |
| LOC+5+HEK::3' | Place of departure |
| DTM+133:200102102200:203' | Departure date/time, estimated |
| LOC+8+FRA::3' | Place of destination |
| DTM+132:200102110120:203' | ETA date/time |
| TDT+10++3++D87+++:::HH8976:DE' | On-carriage transport |
| LOC+9+DEHZR' | Place of delivery, coded |
| DTM+191:200102111200:203' | Requested delivery date/time |
| NAD+SE+SELLER-001::91' | Seller's code |
| RFF+ADE:DD23456' | Account number |
| NAD+CZ+CONSIGNOR-01::91' | Consignor's code |
| CTA+IC+:E.X. PORTER' | Consignor's contact person |
| COM+3221234567:TE' | Telephone number |
| COM+3221234599:FX' | Fax number |
| DOC+380+422567:2' | Invoice number |
| DTM+137:20010210:102' | Invoice date |
| DOC+890+:2' | Dangerous goods declaration |
| NAD+BY+BUYER-001::92' | Buyer's code |
| NAD+CN+CONSIGNEE-01::91' | Consignee's code |
| NAD+FW+FORWARDER-01::91' | Freight forwarder's code |
| NAD+NI+++DIS+EINSTR 8+ULM++DE-1044+DE' | Notify party.<br>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+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1' | |
| UNH+3212+IFTMIN:D:97A:UN:EDTI02' | Message header |
| BGM+340+927655+9' | Shipment number |
| DTM+137:200102100930:203' | Creation date/time |
| TSR+7++3' | Transport service requirement |
| MOA+157:65000:FIM' | Insurance value |
| FTX+ICN+++IP 345654' | Remarks to be printed on transport documents |
| CNT+7:334:KGM' | Total gross weight |
| CNT+11:2:PCE' | Total number of packages |
| CNT+15:1.152:MTQ' | Total volumees) |
| TOD+6++CIP' | Terms of delivery |
| LOC+1+NYC::3' | Place of terms of delivery |
| RFF+AWB:220-11223344' | AWB number |
| RFF+SRN:AB12355' | Shipment reference number |
| DTM+171:20010210:102' | Date of reference |
| CPI+++P' | Freight charges to be prepaid |
| TCC+100000' | Freight charge indicator |
| MOA+23:2560.00:FIM' | Freight charge amount |
| TDT+10++3++FI123+++:::DRS777:FI' | Pre-carriage transport |
| LOC+5+FITKU' | Place of pick-up, coded |
| DTM+200:200102101400:203' | Pick-up date/time |
| TDT+10++3++FI224+++:::ADG654:FI' | Pre-carriage transport |
| LOC+5+FITMP' | Place of pick-up, coded |
| DTM+200:200102101530:203' | pick-up date/time |
| TDT+20+LH1234+4++LH' | Main-carriage transport |
| LOC+5+HEK::3' | Place of departure |
| DTM+133:200102102200:203' | Departure date/time, estimated |
| LOC+13+FRA::3' | Place of transshipment |
| DTM+132:200102110120:203' | ETA date/time |
| TDT+20+LH7766+4++LH' | Main-carriage transport |
| LOC+13+FRA::3' | Place of transshipment |
| DTM+133:200102111430:203' | Departure date/time |
| LOC+8+NYC::3' | Place of destination |
| DTM+132:200102111940:203' | ETA date/time |
| NAD+SE+SELLER-001::91' | Seller's code |
| RFF+ADE:DD23456' | Account number |
| NAD+CZ+CONSIGNOR-01::91' | Consignor's code |
| CTA+IC+:E.X. PORTER' | Consignor's contact person |
| COM+3221234567:TE' | Telephone number |
| NAD+BY+BUYER-001::92' | Buyer's code |
| NAD+CN+CONSIGNEE-01::91' | Consignee's code |
| NAD+FW+FORWARDER-01::91' | Freight forwarder's code |
| GID+1+1:CS' | One case |
| FTX+AAA+++MACHINE PARTS' | Goods description |
| NAD+PW+FIE899::91' | Pick-up address, coded |
| DTM+200:200102101400:203' | Pick-up date/time |
| 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 |
| PCI+17+IP8654/97' | Shipping mark |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEABC123882' | Package number - License plate |
| GID+2+1:CS' | One case |
| FTX+AAA+++MACHINE PARTS' | Goods description |
| NAD+PW+FIR444::91' | Pick-up address, coded |
| DTM+200:199702101530:203' | Pick-up date/time |
| 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 |
| PCI+17+IP8654/97' | Shipping mark |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEABCCD554677' | Package number - License plate |
| UNT+62+3212' | Count of segments |
| 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+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1' | |
| UNH+3213+IFTMIN:D:97A:UN:EDTI02' | Message header |
| BGM+340+927701+9' | Shipment number |
| DTM+137:200102100930:203' | Creation date/time |
| TSR+7++3' | Transport service requirement |
| MOA+157:65000:FIM' | Insurance value |
| CNT+7:501:KGM' | Total gross weight |
| CNT+11:3:PCE' | Total number of packages |
| CNT+15:1.728:MTQ' | Total volume |
| TOD+6++CIP' | Terms of delivery |
| LOC+1+FRA::3' | Place of terms of delivery |
| RFF+SRN:AB12355' | Shipment reference number |
| DTM+171:20010210:102' | Date of reference |
| CPI+++P' | Freight charges to be prepaid |
| TCC+100000' | Freight charge indicator |
| MOA+23:2560.00:FIM' | Freight charge amount |
| TDT+20++3++UPS' | Main-carriage transport |
| LOC+5+HEK::3' | Place of departure |
| DTM+133:200102101800:203' | Departure date/time, estimated |
| LOC+8+FRA::3' | Place of destination |
| DTM+132:200102111940:203' | ETA date/time |
| NAD+SE+SELLER-001::91' | Seller's code |
| RFF+ADE:DD23456' | Account number |
| NAD+CZ+CONSIGNOR-01::91' | Consignor's code |
| CTA+IC+:E.X. PORTER' | Consignor's contact person |
| COM+3221234567:TE' | Telephone number |
| NAD+BY+BUYER-001::92' | Buyer's code |
| NAD+CN+CONSIGNEE-01::91' | Consignee's code |
| NAD+FW+FORWARDER-01::91' | Freight forwarder's code |
| GID+1+1:CS' | One case |
| FTX+AAA+++MACHINE PARTS' | Goods description |
| NAD+DP+DE665::92' | Delivery party |
| DTM+2:200102120800:203' | Delivery date/time, requested |
| 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 |
| PCI+17+IP8654/97' | Shipping mark |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEABC123882' | Package number - License plate |
| GID+2+1:CS' | One case |
| FTX+AAA+++MACHINE PARTS' | Goods description |
| NAD+DP+DE665::92' | Delivery party |
| DTM+2:200102120800:203' | Delivery date/time, requested |
| 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 |
| PCI+17+IP8654/97' | Shipping mark |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEABC123883' | Package number - License plate |
| GID+3+1:CS' | One case |
| FTX+AAA+++MACHINE PARTS' | Goods description |
| NAD+DP+DE888::91' | Delivery party |
| DTM+2:200102120800:203' | Delivery date/time, requested |
| 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 |
| PCI+17+IP8654/97' | Shipping mark |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEABCCD554677' | Package number - License plate |
| EQD+TE+DKF456' | Trailer number |
| SEL+LK8888+CU' | Customs seal |
| UNT+61+3213' | Count of segments |
| UNZ+1+88' | |

EXAMPLE 4 - Use of Cancellation option

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

| | |
|---|---|
| UNB+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1' | |
| UNH+3214+IFTMIN:D:97A:UN:EDTI02' | Message header |
| BGM+340+927701+1' | Shipment 927655 cancelled |
| DTM+137:200102100930:203' | Creation date/time |
| TDT+20++3++UPS' | Main-carriage transport |
| LOC+5+HEK::3' | Place of departure |
| DTM+133:200102101800:203' | Departure date/time, estimated |
| LOC+8+FRA::3' | Place of destination |
| DTM+132:200102111940:203' | ETA date/time |
| NAD+SE+SELLER-001::91' | Seller's code |
| RFF+ADE:DD23456' | Account number |
| NAD+CZ+CONSIGNOR-01::91' | Consignor's code |
| CTA+IC+:E.X. PORTER' | Consignor's contact person |
| COM+3221234567:TE' | Telephone number |
| NAD+BY+BUYER-001::92' | Buyer's code |
| NAD+CN+CONSIGNEE-01::91' | Consignee's code |
| NAD+FW+FORWARDER-01::91' | Freight forwarder's code |
| UNT+17+3214' | Count of segments |
| 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+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1' | |
| UNH+3215+IFTMIN:D:97A:UN:EDTI02' | Message header |
| BGM+340+927701+5' | Shipment number |
| DTM+137:200102100930:203' | Creation date/time |
| TSR+7++3' | Transport service requirement |
| MOA+157:65000:FIM' | Insurance value |
| CNT+7:334:KGM' | Total gross weight |
| CNT+11:2:PCE' | Total number of packages |
| CNT+15:1.152:MTQ' | Total volume |
| TOD+6++CIP' | Terms of delivery |
| LOC+1+FRA::3' | Place of terms of delivery |
| RFF+SRN:AB12355' | Shipment reference number |
| DTM+171:20010210:102' | Date of reference |
| CPI+++P' | Freight charges to be prepaid |
| TCC+100000' | Freight charge indicator |
| MOA+23:2560.00:FIM' | Freight charge amount |
| TDT+20++3++UPS' | Main-carriage transport |
| LOC+5+HEK::3' | Place of departure |
| DTM+133:200102110800:203' | Departure date/time, estimated |
| LOC+8+FRA::3' | Place of destination |
| DTM+132:200102111940:203' | ETA date/time |
| NAD+SE+SELLER-001::91' | Seller's code |
| RFF+ADE:DD23456' | Account number |
| NAD+CZ+CONSIGNOR-01::91' | Consignor's code |
| CTA+IC+:E.X. PORTER' | Consignor's contact person |
| COM+3221234567:TE' | Telephone number |
| NAD+BY+BUYER-001::92' | Buyer's code |
| NAD+CN+CONSIGNEE-01::91' | Consignee's code |
| NAD+FW+FORWARDER-01::91' | Freight forwarder's code |
| GID+1+1:CS' | One case |
| FTX+AAA+++MACHINE PARTS' | Goods description |
| NAD+DP+DE665::92' | Delivery party |
| DTM+2:200102120800:203' | Delivery date/time, requested |
| 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 |
| PCI+17+IP8654/97' | Shipping mark |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEABC123882' | Package number - License plate |
| GID+2+1:CS' | One case |
| FTX+AAA+++MACHINE PARTS' | Goods description |
| NAD+DP+DE888::92' | Delivery party |
| DTM+2:200102120800:203' | Delivery date/time, requested |
| 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 |
| PCI+17+IP8654/97' | Shipping mark |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEQBCCD554677' | Package number - License plate |
| EQD+TE+DKF456' | Trailer number |
| SEL+LK8888+CU' | Customs seal |
| UNT+51+3215' | Count of segments |
| 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+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+IFTMIN++1+X+1' | |
| UNH+3216+IFTMIN:D:97A:UN:EDTI02' | Message header |
| BGM+610+724000075+9' | Shipment number |
| DTM+137:200102100930:203' | Creation date/time |
| TSR+8' | Transport service requirement |
| FTX+DIN+1++Call before delivery' | Delivery instructions |
| CNT+7:28:KGM' | Total gross weight (28 kilograms) |
| CNT+11:1:PCE' | Total number of packages (1 package) |
| CNT+15:0.075:MTQ' | Total volume (0.075 cubicmetres) |
| RFF+VN:MO74213' | Vendor order number |
| RFF+CO:AB12345' | Customer order number |
| DTM+171:20010210:102' | Date of reference |
| TDT+20++4++DE02' | Main-carriage transport |
| LOC+7+DEA876::91' | Place of delivery, coded |
| DTM+191:200102111200:203' | Requested delivery date/time |
| NAD+CZ+CONSIGNOR-01::91' | Consignor's code |
| CTA+IC+:E.X. PORTER' | Consignor's contact person |
| COM+3221234567:TE' | Telephone number |
| COM+3221234599:FX' | Fax number |
| NAD+CN+CONSIGNEE-01::91' | Consignee's code |
| CTA+IC+:DEPT 013' | Consignee's contact person |
| COM+047665432:TE' | Telephone number |
| NAD+CN+FP1::91' | Consignor's code |
| GID+1+1:CT' | One carton |
| MEA+WT+AAB+KGM:28' | Gross weight in kilos |
| MEA+VOL+AAW+MTQ:0.075' | Gross volume in cubic metres |
| DIM+1+CMT:50:50:30' | Dimensions in centimetres |
| PCI+24' | Trigger for package number (license plate) |
| GIN+VZ+LEABCGG114' | Package number - License plate |
| UNT+29+3216' | Count of segments |
| UNZ+1+88' | |