

(GUÍA DEL USUARIO PARA EL COPRAR)

**LISTA DE CARGA DE EXPORTACIÓN
//
LEVANTE SIN PAPEL DE EXPORTACIÓN**



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**Inclusión de los segmentos necesarios para informar del Peso
Verificado
(SOLAS)**

Message type: COPRAR
Version: D
Release: 95B
Contr. Agency: UN

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0 Introduction

This message is a part of a total set of container related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange.

The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

This user manual is valid for **UNSM Container discharge/loading order message (COPRAR)**, based on the D95B directory.

This manual provides a guideline for equipment loading/discharge order onto/from a means of transport. It is intended to be used by carriers/ship operators/agents in order to give the related information to a container terminal.

The COPRAR message covers both discharge and loading orders. As this manual is intended to be used as implementation guide we provide for the ease of use a separate description of **Loading Order** in chapter two and of **Discharge Order** in chapter three.

This user guide is based on the **Principles and rules for the implementation of transport EDI messages**, issued by ITIGG 07/1996.

Every segment and data element is preceded in this manual by its status 'M'andatory or 'C'onditional

and its usage indicator

'R'equired or

'D'ependent or

'O'ptional or

'X' Not used.

If composites or data elements are repeated within a segment the occurrences of the composites or elements can be indicated by its sequence number within the segment in brackets, e.g. '(1)' being the first occurrence. If the order of occurrence is of no relevance the sequence number will be omitted. If sequence numbers are mentioned, but not all of them (e.g. only 2 of 5 possible occurrences) then the remaining occurrences must **not** be used, unless agreed otherwise between partners.

0.1 Change tracking

v1.2.2 Peso Verificado

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Observaciones:

- 1. En el caso de contenedores llenos el segmento MEA (Grupo 3, índice 15) tiene que aparecer un mínimo de 2 veces y un máximo de 3:**
 - 1.1. Una obligatoria con el calificador "AAG" para indicar el peso neto de la mercancía.**
 - 1.2. Una segunda obligatoria con el calificador "G" (peso bruto) ó "VGM" (peso verificado).**
 - 1.3. Opcionalmente se podrían incluir tres ocurrencias usando los tres calificadores disponibles.**
- 2. Si se indica el Peso verificado segmento MEA (Grupo 3, índice 15) con el calificador "VGM":**
 - 2.1. Los otros 4 segmentos relacionados, es decir, Segmento RFF (Grupo 3, índice 11, calificador "VGR"), Segmento DTM (Grupo 3, índice 13, calificador "798"), FTX (Grupo 3, índice 20, calificador "ABS") y el Segmento NAD (Grupo 3, índice 23, calificador "AM") son opcionales.**
 - 2.2. En la ocurrencia del segmento DTM (grupo 3, índice 13) relacionada con la declaración del peso verificado, el calificador pasa a ser "798".**
 - 2.3. El segmento NAD (Grupo 3, índice 23) con el calificador "AM" se utilizará para indicar siempre en LETRAS MAYUSCULAS el nombre de la persona que firma el documento en el que se comunica el peso verificado.**

1 Scope

The COPRAR message always contains the discharge/loading order. In case a previous message is to be replaced, changed, or deleted this has to be qualified in the BGM segment.

For container announcement information which is passed to the container terminal prior to the loading order the COPARN message is to be used.

1.1 Functional Definition

A message to order to the container terminal that containers or other equipment specified have to be discharged from a seagoing vessel or have to be loaded into a seagoing vessel.

1.2 Principles

The term **equipment** in this manual includes not only supporting items (e.g. reefer generator) but also uncontainerised cargo (break bulk).

A message contains information on only one conveyance of a seagoing container vessel either arriving or departing.

A message contains an order for either discharging or loading containers or other equipment from or into the vessel. One order message does not necessarily cover all containers to be discharged/loaded, this being the case if two or more liner agents or shipowners supply orders to the terminal referring to one vessel conveyance.

The COPRAR message as loading order can include the order to load empty containers which cannot be identified by their full prefix and serial numbers.

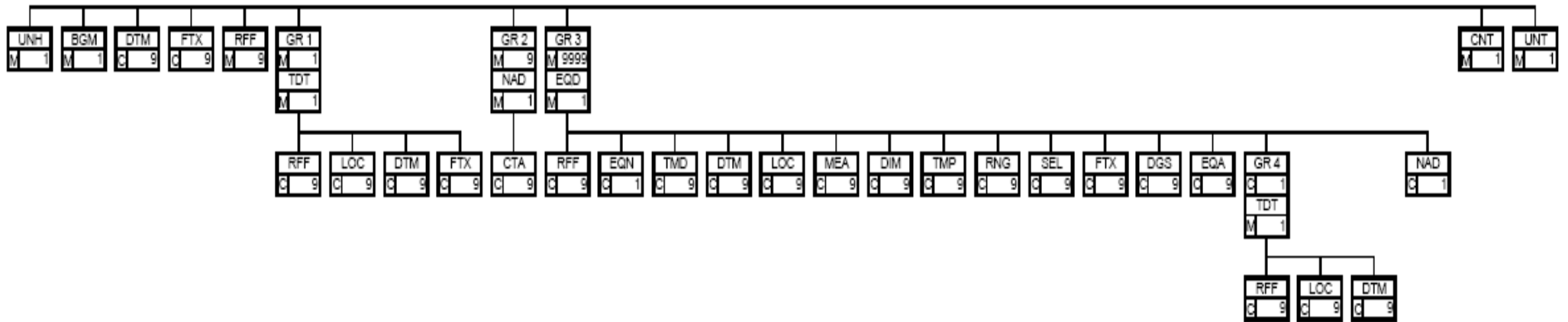
In this case a combination of size and type and/or a certain range of equipment serial numbers (container prefix and numbers) can be given for a group of one or several containers.

The COPRAR message as discharge order can also include information relating to transshipment (= import of transshipment containers): on the same terminal containers can be discharged from vessel X and loaded into vessel Y.

1.3 Message Structure

| Pos | Tag Name | S | R |
|------|-----------------------------------|---|------|
| 0000 | UNB Interchange | M | 1 |
| 0010 | UNH Message header | M | 1 |
| 0020 | BGM Beginning of message | M | 1 |
| 0025 | DTM Date/time/period | C | 9 |
| 0030 | FTX Free text | C | 9 |
| 0040 | RFF Reference | M | 9 |
| 0050 | Segment group 1 | M | 1 |
| 0060 | TDT Details of transport | M | 1 |
| 0070 | RFF Reference | C | 9 |
| 0080 | LOC Place/location identification | C | 9 |
| 0090 | DTM Date/time/period | C | 9 |
| 0100 | FTX Free text | C | 9 |
| 0110 | Segment group 2 | M | 9 |
| 0120 | NAD Name and address | M | 1 |
| 0130 | CTA Contact information | C | 9 |
| 0140 | Segment group 3 | M | 9999 |
| 0150 | EQD Equipment details | M | 1 |
| 0160 | RFF Reference | C | 9 |
| 0170 | EQN Number of units | C | 1 |
| 0180 | TMD Transport movement details | C | 9 |
| 0190 | DTM Date/time/period | C | 9 |
| 0200 | LOC Place/location identification | C | 9 |
| 0210 | MEA Measurements | C | 9 |
| 0220 | DIM Dimensions | C | 9 |
| 0230 | TMP Temperature | C | 9 |
| 0240 | RNG Range details | C | 9 |
| 0250 | SEL Seal number | C | 9 |
| 0260 | FTX Free text | C | 9 |
| 0270 | DGS Dangerous goods | C | 9 |
| 0280 | EQA Attached equipment | C | 9 |
| 0290 | Segment group 4 | C | 1 |
| 0300 | TDT Details of transport | M | 1 |
| 0310 | RFF Reference | C | 9 |
| 0320 | LOC Place/location identification | C | 9 |
| 0330 | DTM Date/time/period | C | 9 |
| 0340 | NAD Name and address | C | 3 |
| 0350 | CNT Control total | M | 1 |
| 0360 | UNT Message trailer | M | 1 |
| 0370 | UNZ Interchange trailer | M | 1 |

1.4 Branching



1.5 Segment table:

subset of SMDG v1.6-1 COPRAR by Port of Bilbao.

| <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Group Repeat</u> | <u>Notes and Comments</u> |
|-----------------|----------------|-------------|--------------------------------|----------------|---------------------|---------------------------|
| M | 0000 | UNB | Interchange Header | M | 1 | |
| M | 0010 | UNH | Message Header | M | 1 | |
| M | 0020 | BGM | Beginning of Message | M | 1 | |
| C | 0030 | DTM | Date/time/period | C | 9 | |
| M | 0040 | RFF | Reference | M | 9 | |
| | | | Segment Group 1 | M | 1 | |
| M | 0050 | TDT | Details of transport | M | 1 | |
| M | 0060 | RFF | Reference | M | 2 | |
| C | 0070 | LOC | Place/location indentification | C | 9 | |
| C | 0080 | DTM | Date/time/period | C | 9 | |
| | | | Segment Group 2 | M | 9 | |
| M | 0090 | NAD | Name and address | M | 1 | |
| | | | Segment Group 3 | C | 9999 | |
| M | 0100 | EQD | Equipment details | M | 1 | |
| C | 0110 | RFF | Reference | C | 9 | |
| C | 0120 | EQN | Number of units | C | 1 | |
| C | 0130 | DTM | Date/time/period | C | 1 | |
| C | 0140 | LOC | Place/location identification | C | 9 | |
| C | 0150 | MEA | Measurements | C | 9 | |
| C | 0160 | DIM | Dimensions | C | 9 | |
| C | 0170 | TMP | Temperature | C | 9 | |
| C | 0180 | RNG | Range details | C | 9 | |
| C | 0190 | SEL | Seal number | C | 9 | |
| C | 0200 | FTX | Free text | C | 9 | |
| C | 0210 | DGS | Dangerous goods | C | 9 | |
| | | | Segment Group 4 | C | 1 | |
| M | 0220 | TDT | Details of transport | M | 1 | |
| C | 0230 | NAD | Name and address | C | 3 | |
| M | 0240 | CNT | Control total | M | 1 | |
| M | 0250 | UNT | Message trailer | M | 1 | |
| M | 0260 | UNZ | Interchange trailer | M | 1 | |

This is a subset of SMDG v1.2 COPRAR by Port of Bilbao, this subset only includes minimum required segments for this message type.

Received messages with the minimum required segments and another extra segments according to SMDG v1.2 COPRAR will not be rejected.

2 Loading order

2.1 Description

M R UNB INTERCHANGE HEADER

Position: 0000

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: The UNB segment is used to head, identify and specify an interchange

Comments:

Notes: *Sample segment :*

UNB+UNOA:2+E11111111+T22222222+080523:1125+0333123456'

| | | | |
|-----|------|---|--------|
| M R | S001 | 0001 Syntax identifier: always 'UNOA', indicating the use of level 'A' character set. | an..4 |
| M R | | 0002 Syntax version number: always '2'. | n1 |
| M R | S002 | 0004 Sender identification: name code of the message sender. <u>En el envío a la terminal, se completará el CIF de la primera empresa consignataria buque para la carga</u> | an..35 |
| M R | S003 | 0010 Recipient identification: name code of the message recipient. See S002.0004 <u>En el envío a la terminal, se completará el CIF de la terminal destinataria</u> | an..35 |
| M R | S004 | 0017 Date of preparation: preparation date of the message (format YYMMDD). | n6 |
| M R | | 0019 Time of preparation: preparation time of the message (format HHMM). | n4 |
| M R | 0020 | INTERCHANGE CONTROL REFERENCE: a reference allocated by the sender, uniquely identifying the interchange. This reference must also be transmitted in the UNZ segment. | an..14 |

M R UNH MESSAGE HEADER

Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message
Comments:
Notes: *Sample segment :*

COPRAR desde Consignatario:

UNH+0444123456+COPRAR:D:95B:UN:ITG12'

COPRAR para Terminal:

UNH+EPB08123456+COPRAR:D:95B:UN:ITG12'

M R 0062 MESSAGE REFERENCE NUMBER: an..14
 a reference allocated by the sender, uniquely identifying the message. This reference must also be transmitted in the UNT segment.
En el envío a la terminal se generará un identificador
En epb con el formato: EPBAAnnnnnn, donde AA
representan los dos últimos dígitos del año

M R S009
 M R 0065 Message type identifier: an..6
 always 'COPRAR'.
 M R 0052 Message type version number: an..3
 always 'D'.
 M R 0054 Message type release number: an..3
 at this moment '95B'.
 M R 0051 Controlling agency: an..2
 always 'UN'.
 C R 0057 Association assigned code: an..6
 the user manual version number, at this moment 'ITG12'.

M R BGM BEGINNING OF MESSAGE

Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To specify the type and function of a message and to transmit the identifying number

Comments:

Notes: *Sample segment :*

COPRAR desde Consignatario:

BGM+45+20081234567+9'

COPRAR para Terminal:

BGM+45+48118501234001+9'

| | | | |
|-----|------|--|--------|
| C R | C002 | DOCUMENT/MESSAGE NAME | |
| C R | 1001 | '45' Transport Loading Instruction | an..3 |
| C R | 1004 | DOCUMENT/MESSAGE NUMBER: Reference allocated by the sender individually, taken from the application. Recommendation: In order to detect missing messages a sequence number can be used which is incremented by the sender for each message type/receiver (format CCYNNNNNNNN, indicating 4 digits for the year, 7 digits for the sequence number). <u>En el envío a la terminal se enviará el N° Escala Concatenado con un secuencial de 3 dígitos. Por ej: <48118500145001></u> | an..35 |
| C R | 1225 | MESSAGE FUNCTION, CODED: Code indication the function of the message. Codes to be used: '2' Addition: Message containing items to be added to a previously sent message '3' Deletion: Message containing items to be deleted from a previously sent message '4' Change: Message containing items to be changed in a previously sent message '5' Replace: message replacing a previous message '9' Original: initial transmission '22' Final: final message in a related series related to a given transaction '33' Change in heading section <u>Desde los Consignatarios se admitirán todas las funciones.</u> <u>Hacia la terminal se utilizarán las funciones 9-Original y 5-Reemplazo</u> | an..3 |

N.B. If in element 1225 the code values 2,3,4 or 5 are used the top level RFF shall indicate the relation to a previous message.

C O DTM DATE/TIME/PERIOD

Position: 0030
Group: 0
Level: 1
Usage: Conditional
Max Use: 9
Purpose: A segment to indicate a date and time applying the message as a whole.
Comments:
Notes: *Sample segment :*

DTM+137:200805260800:203'

C O DTM

M R C507 DATE/TIME/PERIOD
M R 2005 Date/time/period qualifier: code an..3

'137' Document/message date/time

C R 2380 Date/time/period: an..35

Date/time that the message was prepared

C R 2379 Date/time/period format qualifier: an..3

code '203' (CCYYMMDDHHMM)

M R RFF REFERENCE

Position: 0040
Group:
Level: 0
Usage: Mandatory
Max Use: 9
Purpose: To specify a reference wich applies to the entire message
Comments:
Notes: *Sample segment :*

RFF+XXX:1'

RFF+ACW:20081234567'
 (necesario en las modificaciones; funciones 2, 3, 4 y 5)

M R C506 REFERENCE

M R 1153 Reference qualifier: an..3
 'XXX' dummy (RFF is mandatory)
 'ACW' reference number to previous message
 (see note in BGM segment)

C R 1154 Reference number: an..35
 '1' dummy value (in case of 'XXX' in 1153)
 The document/message number (BGM 1004) of a previous
 message (in case of 'ACW' in 1153)

Nota:

La primera ocurrencia de este segmento será obligatoria, con el calificador 'XXX' indicando el '1' en el elemento de datos 1154.

Una segunda ocurrencia es necesaria en el caso de las modificaciones, con el calificador 'ACW' y el número del mensaje original que se quiere modificar en el elemento de datos 1154.

M R group 1 Vessel Information

Position:
Group: 1
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A group of segments to indicate the main carriage means of transport
Comments:
Notes: Sample group :

TDT - RFF - LOC - DTM

M R TDT grp1 DETAILS OF TRANSPORT

Position: 0050
Group: 1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identify the voyage of the vessel relevant to the message (main transport)
Comments:
Notes: Sample segment :

TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'

M R 8051 TRANSPORT STAGE QUALIFIER: an..3
 '20' (main carriage)

C D 8028 CONVEYANCE REFERENCE NUMBER: an..17
 the vessel operator's voyage number
 (main carriage)

C R C220 MODE OF TRANSPORT
 C R 8067 Mode of transport, coded: codes an..3
 '1' maritime transport

~~C X C228~~

C R C040 CARRIER
 C R 3127 Carrier identification: ship operator's name, coded,
 according to BIC
 C O 1131 Code list qualifier: code
 '172' carrier code
 C O 3055 Code list responsible agency, coded: codes
 '20' BIC
~~'87' assigned by carrier~~
~~'166' NMFCA/SCAC~~

~~C X 8101~~

~~C X C401~~

C R C222 TRANSPORT IDENTIFICATION an..9
 C R 8213 Id of means of transport identification:
 vessel code
 2. Lloyd's number
 C R 1131 Code list qualifier: allowed qualifiers
 '146' Lloyd's register of ships

C X 3055 -

C O 8212 Id of the means of transport: an..17
name of the vessel

M R RFF grp1 REFERENCE

Position: 0060
Group: 1
Level: 2
Usage: Mandatory
Max Use: 2
Purpose: To specify relevant reference numbers
Comments:
Notes: *Sample segment :*

RFF+ABT:48118501234'
RFF+VON:1234'

This segment is to be used in case the sender's voyage number is not the same as the vessel operator's voyage number (sent in TDT) y/o para indicar el N° Escala

M R C506 REFERENCE
M R 1153 Reference qualifier: code an..3
Function 1: 'ABT' N° Declaración/Manifiesto
Function 2: 'VON' Número de viaje
C R 1154 Reference number: an..35
Function 1: N° Declaración/Manifiesto: 4811A5NNNNN
Function 2: Número de viaje

Nota:
La primera ocurrencia de este segmento será obligatoria, con el calificador 'ABT' indicando el número de Declaración/Manifiesto.
Una segunda ocurrencia es opcional para indicar el número de viaje.

M R LOC grp1 PLACE/LOCATION IDENTIFICATION

Position: 0070
Group: 1
Level: 2
Usage: Conditional
Max Use: 9
Purpose: To identify a country/place/location related to the means of transport
Comments:
Notes: *Sample segment :*

LOC+9+ESBIO:139:6+T22222222:72:ZZZ'

| | | | |
|-----|------|---|--------|
| M R | 3227 | PLACE/LOCATION QUALIFIER: code '9' (operational port of loading) | an..3 |
| C R | C517 | LOCATION IDENTIFICATION | |
| C R | 3225 | Place/location identification: UN-Locode of ship's departure | an..25 |
| C O | 1131 | Code list qualifier: code '139' (port) | an..3 |
| C O | 3055 | Code list responsible agency, coded: code '6' (UN) | an..3 |
| C R | C519 | RELATED LOCATION ONE IDENTIFICATION | |
| C R | 3223 | Related place/location one identification: Terminal. <u>Identificación por CIF de la terminal.</u> | an..25 |
| C R | 1131 | Code list qualifier: codes '72' terminal | an..3 |
| C R | 3055 | Code list responsible agency, coded: 'ZZZ' mutually agreed | |

C O DTM grp1 DATE/TIME/PERIOD

Position: 0080
Group: 1
Level: 2
Usage: Conditional
Max Use: 9
Purpose: To specify date, and/or time or period related to the arrival or departure of the vessel

Comments:

Notes: *Sample segment :*

DTM+132:200805260800:203'

DTM+133:200805271800:203'

C O DTM

M R C507 DATE/TIME/PERIOD
M R 2005 Date/time/period qualifier: code an..3
Function 1:'132' ETA, arrival date/time, estimated
Function 2:'133' ETD, departure date/time, estimated
C R 2380 Date/time/period: an..35
(estimated) date/time of arrival/departure
C R 2379 Date/time/period format qualifier: an..3
code '203' (CCYYMMDDHHMM)

Nota: optionally will be two occurrences of this segment:

- the first function is to specify the ETA (Estimated Time of Arrival)
- the second function is to specify the ETD (Estimated Time of Departure)

M R group 2 Party Information

Position:
Group: 2
Level: 0
Usage: Mandatory
Max Use: 9
Purpose: Group of segments to identify a party and related contacts
Comments:
Notes: Sample group :

NAD

M R NAD grp2 NAME AND ADDRESS

Position: 0090
Group: 2
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify the party's name, address and functions
Comments:
Notes: Sample segment :

NAD+CA+A444444444:160:20'
 NAD+CF+F555555555:160:20'
 NAD+SLS+ABC:160:20'

M R 3035 PARTY QUALIFIER: codes an..3
 Function 1:'CA' carrier.
Consignatario de buque Emisor.
 Function 2:'CF' container operator.
Consignatario de mercancía Emisor.
 Function 3:'SLS' shipping line service
Línea Marítima

C R C082 PARTY IDENTIFICATION DETAILS an..17
 M R 3039 Party id identification:
 Carrier, coded.
 Function 1 and 2:Codificado por el CIF para calificadores CA y CF,tanto en los envíos desde los Consignatarios como en los envíos hacia la terminal.
 Function 3:Codificación Líneas según ATM para calificador SLS en ambos casos.

C R 1131 Code list qualifier: code an..3

C R 3055 Code list responsible agency, coded: an..3
 allowed codes
 '20' BIC
 '166' NMFCA/SCAC
 'ZZZ' mutually agreed

Envío por parte de los Consignatarios
 Será necesario completar obligatoriamente una iteración del segmento NAD con calificador CA ó CF, según el emisor sea el Consignatario Buque ó el Consignatario de mercancía respectivamente.

Después, si se trata del envío del Consignatario del Buque, será obligatoria una segunda iteración con el calificador SLS.

Envío hacia la terminal

Se enviarán obligatoriamente dos iteraciones del segmento NAD: una con calificador CA y otra con el calificador SLS, la primera con la codificación por CIF y la segunda con la codificación propia de ATM.

C R group 3 Container Information

Position:
Group: 3
Level: 0
Usage: Mandatory
Max Use: 9999
Purpose: A group of segments to specify containers or groups of containers
Comments:
Notes: *Sample group :*

*EQD - RFF - EQN - LOC - MEA - DIM - TMP - RNG - SEL - FTX - DGS - grp4
- NAD*

Referring to the use of data elements 8053, 8260, 8155, 8154 (EQD), of RFF segment, of EQN segment, of FTX segment and of EQA segment three cases have to be taken into consideration:

1. Ordering one container or swapbody where prefix and serial number are known:
EQD 8053: qualifier 'CN' or 'SW'
EQD 8260: prefix and serial number
EQD 8155: ISO code
EQD 3055: '5' (ISO)
EQD 8154: Non-ISO code (no value in 3055)
EQN segment: not to be used
FTX segment: commodity description (optional)
2. Ordering one or more (empty) containers where prefix and serial number are not known:
EQD 8053: qualifier 'CN'
EQD 8260: sequence number
either EQD 8155 (if ISO code is known) **or** EQD 8154 to be given
EQN segment: quantity to be given (even if quantity is '1')
FTX segment: not to be used
3. Ordering uncontainerised cargo:
EQD 8053: qualifier 'BB'
EQD 8260: not to be used
EQD 8155: not to be used
EQD 8154: not to be used
EQN segment: not to be used
FTX segment: uncon cargo description (mandatory)

M R EQD grp3 EQUIPMENT DETAILS

Position: 0100
Group: 3
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify a container, container size, etc...
Comments:
Notes: *Sample segment :*

EQD+CN+XXXU1234567+22G1:102:5+1+2+5'

M R 8053 EQUIPMENT QUALIFIER: codes an..3
 'CN' Container con matrícula estándar
 'BB' Breakbulk
 'SW' Swapbody con matrícula libre

C D C237 EQUIPMENT IDENTIFICATION
 C D 8260 Equipment identification number: an..17

1. Container: container number (contiguous string)
Se validará que conste de 4 caracteres + 7 dígitos ó 1 caracter + 1 ó 2 dígitos para cisternas si no es un secuencial
2. Breakbulk: Leave blank
3. Empty/Full containers without identifying the numbers: Sequence number
4. Otherwise (Ro/Ro, swapbody): the equipment ID number. No se realizará validación alguna sobre la matrícula

C D C224 EQUIPMENT SIZE AND TYPE
 C D 8155 Equipment size and type identification: an..4
 ISO size type code according to ISO 6346 ó ISO6346:1995.

Se validará en función de las dos últimas cifras en codificación ISO6346 e ISO6346:1995 si son cisternas. Tb se admitirá el subtipo de ro-ro y otros tipos.

C D 1131 Code list qualifier: an..3
 code '102' (size and type)
 C D 3055 Code list responsible agency, coded: an..3
 Code '5' ISO
 C D 8154 Equipment size and type: an..35
 Non-ISO SizeType.

~~E O 8077 EQUIPMENT SUPPLIER, CODED. Codes~~
~~'1' Shipper supplied~~
~~'2' Carrier supplied~~
~~'3' Third party supplied~~

~~E O 8249 EQUIPMENT STATUS, CODED. Codes an..3~~
~~'1' Continental~~
~~'2' Export~~
~~'3' Import~~
~~'6' Transhipment~~

C R 8169 FULL/EMPTY INDICATOR, CODED: codes an..3
'4' Empty
'5' Full, also used for break bulk

N.B. C237 and C224 are required except in the case of break bulk.

C O RFF grp3 REFERENCE

Position: 0110

Group: 3

Level: 2

Usage: Conditional

Max Use: 9

Purpose: To be used for different relevant reference numbers

Comments: La tercera función de este segmento sólo se puede enviar para contenedores llenos, en caso de haber enviado el MEA del grupo 3 con el calificador "VGM" para indicar el "Peso verificado".

Notes: Sample segment :

RFF+BN:BIORTM123456789'

RFF+AAY:123456'

RFF+VGR:GROSSMASSREF1234'

M R C506 REFERENCE

M R 1153 Reference qualifier: codes an..3

'BN' booking number

'AAY' Carrier's agent reference number

'VGR' Transport equipment gross mass verification reference number

Identification reference to documentation of transport equipment gross mass (weight) verification

C R 1154 Reference number

an..35

C D EQN grp3 NUMBER OF UNITS

Position: 0120

Group: 3

Level: 2

Usage: Conditional

Max Use: 1

Purpose: To be used only for ordering empty containers without indicating prefix and container number.

Comments:

Notes: *Sample segment :*

EQN+22'

M R C523 NUMBER OF UNIT DETAILS

C R 6350 Number of units: n..15

the quantity of empty containers described
in EQD segment which shall be loaded,
even if quantity is '1'.

Si no se indica la matrícula, para el caso de
contenedores vacíos es obligatorio

C O DTM grp3 DATE/TIME/PERIOD

Position: 0130

Group: 3

Level: 2

Usage: Conditional

Max Use: 9

Purpose: A segment to identify a date/time related to the equipment, such as:
- actual arrival/departure date/time - CSC expiration date
(International Convention for Safe Containers)

Comments: Este segmento sólo se puede enviar para contenedores llenos, en caso de haber enviado el MEA del grupo 3 con el calificador "VGM" para indicar el "Peso verificado".

Notes: Sample segment :

DTM+798:200109041200:203'

M R C507 DATE/TIME/PERIOD

M R 2005 Date or time or period function code qualifier an..3

'798' Transport equipment verified gross mass (weight) ascertained date/time

Date/Time when a gross mass (weight) of a packed container was obtained according to SOLAS chapter VI, regulation 2, paragraphs 4-6

M R 2380 Date or time or period value an..35
Date or date/time

M R 2379 Date or time or period format code an..3
102 CCYMMDD
203 CCYMMDDHHMM

M R LOC grp3 PLACE/LOCATION IDENTIFICATION

Position: 0140
Group: 3
Level: 2
Usage: Conditional
Max Use: 9
Purpose: to identify a country/place/location related to the equipment
Comments:
Notes: *Sample segment :*

LOC+11+BEANR:139:6+BE123:72:ZZZ'
 LOC+7+HKHKG:139:6'
 LOC+147+0140682'

M R 3227 PLACE/LOCATION QUALIFIER: an..3

Function 1:code '11' (operational port of discharge)
 Function 2:code '7' place of delivery (final destination - Puerto)

C R C517 LOCATION IDENTIFICATION
 C R 3225 Place/location identification: an..25

Function 1: UN-Locode of port of discharge
 Function 2: final destination codificado: dos posiciones para el país y 3 para el puerto

C O 1131 Code list qualifier: an..3

Function 1 and 2: code '139' (port)

C O 3055 Code list responsible agency, coded: an..3

Function 1 and 2: code '6' (UN)

C O C519 RELATED LOCATION ONE IDENTIFICATION (**Only for function 1**)

C R 3223 Related place/location one identification: an..25
 terminal/berth

Terminal/Zona. Codificada: 2 posiciones para el país
Normalizado y 3 para la zona dentro del puerto

See Appendix A

C R 1131 Code list qualifier: code an..3

'72' terminal/Zona

C R 3055 Code list responsible agency, coded: an..3

'ZZZ' mutually agreed

N.B. Two occurrences of this segment are required:

- first function is required to declare the "operational port of discharge" and is also required C519 composite data element.

- second function is required to declare the "final destination", for this function C519 composite data element must not be used.

C R MEA grp3 MEASUREMENTS

Position: 0150
Group: 3
Level: 2
Usage: Conditional
Max Use: 9
Purpose: A segment to specify physical measurements related to the equipment
Comments: La ocurrencia de este segmento con el calificador "VGM" sólo se podrá usar para contenedores llenos para indicar el "Peso verificado".

Notes: Sample segment :

MEA+AAE+G+KGM:12000'
MEA+AAE+AAG+KGM:9800'
MEA+AAE+VGM+KGM:9800'
MEA+AAE+CT+E13:6'

M R 6311 MEASUREMENT APPLICATION QUALIFIER: code an..3
 'AAE' Measurement

C R C502 MEASUREMENT DETAILS
 C R 6313 Measurement dimension, coded: code an..3

'G' gross weight (mercancía + tara)
 'AAG' gross weight (mercancía)
'CT' Número de bultos
'VGM' Transport equipment verified gross mass (weight)
 Transport equipment's gross mass (weight)verified according to SOLAS Chapter VI, Regulation 2,aragraphs 4-6

C R C174 VALUE/RANGE
 M R 6411 Measure unit qualifier: code an..3

'KGM' kilogram si 6313 G ó AAG o VGM
'E13' Número de bultos si 6313 es CT

C R 6314 Measurement value: n..18

'G' gross weight in kg (tare weight for empty containers).
 Gross weight is the sum of cargo weight and container (equipment) weight
'AAG' gross weight in kg (peso bruto solo de la mercancía)
'CT' Número de bultos

OBSERVACIONES

1. **Si se trata de contenedores llenos** este segmento tiene que aparecer un mínimo de 2 veces y un máximo de 3:
 - 1.1. Una obligatoria con el calificador "AAG" para indicar el peso neto de la mercancía.

- 1.2. *Una segunda obligatoria con el calificador "G" (peso bruto) ó "VGM" (peso verificado).*
- 1.3. *Opcionalmente se podrían incluir tres ocurrencias usando los tres calificadores disponibles.*
2. ***Si se trata de mercancía general*** este segmento tiene que aparecer 3 tres veces:
 - 2.1. *Una con el calificador "G" (peso bruto)*
 - 2.2. *Una con el calificador "AAG" (peso neto)*
 - 2.3. *Una con el calificador "CT" (número de bultos)*

C D DIM grp3 DIMENSIONS

Position: 0160
Group: 3
Level: 2
Usage: Conditional
Max Use: 9
Purpose: A segment to specify physical dimensions related to the equipment

Comments:

Notes: *Sample segment :*

DIM+9+CMT:::55'

M R 6145 DIMENSION QUALIFIER: codes: an..3

1 Gross dimension (only for break bulk)
 5 off-standard dimensions front
 6 off-standard dimensions back
 7 off-standard dimensions right
 8 off-standard dimensions left
 9 off-standard dimensions general (overheight)

M R C211 DIMENSIONS

M R 6411 Measure unit qualifier: code 'CMT' centimeter an..3

C D 6168 Length dimension: n..15

total length for break bulk,
 overlength for containers
si e6145 = 1 si merc. general/5 ó 6 si contenedor

C D 6140 Width dimension: n..15

total width for break bulk,
 overwidth for containers
si e6145 = 1 si merc. general/7 ó 8 si contenedor

C D 6008 Height dimension: n..15

total height for break bulk,
 overheight for containers
si e6145 = 1 si merc. general/9 si contenedor

Envío por parte de los Consignatarios

Si se trata de mercancía general será obligatoria una iteración con el calificador 1 y valor en los ED (Elementos de Datos) 6168, 6140 y 6008.

C D TMP grp3 TEMPERATURE

Position: 0170
Group: 3
Level: 2
Usage: Conditional
Max Use: 9
Purpose: A segment wich identifies the transport temperature setting of the container

Comments:

Notes: *Sample segment :*

TMP+2+-018:CEL'

| | | | |
|-----|------|---|-------|
| M R | 6245 | TEMPERATURE QUALIFIER: code '2' transport temperature | an..3 |
| C R | C239 | TEMPERATURE SETTING | |
| C R | 6246 | Temperature setting: temperature according to which the cargo has to be transported | n..3 |
| C R | 6411 | Measure unit qualifier: code 'CEL' (Celsius) | an..3 |

N.B. Inspite of the given field length of element e6245 (format N3) decimal marks and negative values preceded by a minus sign can be transmitted. Generally numeric data element values shall be regarded as positive unless they are preceded by a minus sign. Decimal mark and minus sign shall, however, not be counted as a character of the value when computing the maximum field length. Tenth degrees have to be separated by a decimal point from full degrees (e.g. 18.5). Temperatures below zero have to be preceded by a minus sign (e.g. -18.5). The same applies for elements e6152 and e6162 in the RNG segment. For further explanation please refer to ISO 9735 'EDIFACT Application Level Syntax Rules', par. 10 'Representation of numeric data element values'.

C D RNG grp3 RANGE DETAILS

Position: 0180
Group: 3
Level: 2
Usage: Conditional
Max Use: 9
Purpose: A segment to specify the transport temperature range setting of the container

Comments:

Notes: *Sample segment :*

 RNG+5+CEL:-15:-5'

| | | | |
|-----|------|--|-------|
| M R | 6167 | RANGE TYPE QUALIFIER: code '5' temperature range | an..3 |
| C R | C280 | RANGE | |
| M R | 6411 | Measure unit qualifier: codes 'CEL' centigrade | an..3 |
| C R | 6162 | Range minimum: minimum temperature according to which the cargo has to be transported | n..18 |
| C R | 6152 | Range maximum: maximum temperature according to which the cargo has to be transported | n..18 |

C O SEL grp3 SEAL NUMBER

Position: 0190

Group: 3

Level: 2

Usage: Conditional

Max Use: 9

Purpose: A segment to specify the seal number related to the container

Comments:

Notes: *Sample segment :*

SEL+ABCD0123456'

M R 9308 NUMERO PRECINTO

an..10

C O FTX grp3 FREE TEXT

Position: 0200

Group: 3

Level: 2

Usage: Conditional

Max Use: 9

Purpose: To provide free form or coded text information related to the container

Comments: La ocurrencia de este segmento con el calificador "ABS" sólo se puede enviar para contenedores llenos, en caso de haber enviado el MEA del grupo 3 con el calificador "VGM" para indicar el "Peso verificado".

Notes: Sample segment :

FTX+AAA+++32 PK 12640 KGM CONSTRUCTION MATERIAL'

FTX+HAN++CCY'

FTX+ABS++SM1:ZZZ:SMD'

...

M R 4451 TEXT SUBJECT QUALIFIER: an..3
 allowed codes
 'AAA' goods description
 'AAI' general information
 'DAR' Damage remarks
 'HAN' handling instructions
 'ABS' **Additional conditions**

~~C X 4453~~

C D C107 TEXT REFERENCE

M R 4441 an..3

See Appendix B for 'DAR' and 'HAN' qualifiers

If e4451 = ABS

e4441 = SM1 (Gross Mass Verification – SOLAS Method 1)

Gross Mass Verification by weighing the packed container as per SOLAS Regulation 2 Chapter VI, paragraphs 4-6, method 1

e4441 = SM2 (Gross Mass Verification –SOLAS Method 2)

Gross Mass Verification by calculation of weight of goods Transported, packing weight, lashing and securing material weight and container tare weight as per SOLAS Regulation 2, Chapter VI paragraphs 4-6, method 2

C D 1131 an..3

Ed1131= ZZZ If e4451 = ABS

C D 3055 an..3

Ed3055= SMD If e4451 = ABS

C D C108 TEXT LITERAL

M D 4440 Free text: an..70
Description/Instructions/Remarks in plain language.
To be used only if 4451= AAA, AAI

N.B. This segment is not generally machine processable. Use of this segment must be agreed between partners!

C D DGS grp3 DANGEROUS GOODS

Position: 0210
Group: 3
Level: 2
Usage: Conditional
Max Use: 9
Purpose: A segment to identify the UN-number and the class of the dangerous goods loaded in the container

Comments:

Notes: *Sample segment :*

DGS+IMD+3+1263'

| | | | |
|-----|------|---|-------|
| C R | 8273 | DANGEROUS GOODS REGULATIONS, CODED: code 'IMD' IMO Code | an..3 |
| C R | C205 | HAZARD CODE | |
| M R | 8351 | Hazard code identification: IMDG code, e.g. '6.1'. <u>Clase MP</u> | an..7 |
| C O | C234 | UNDG INFORMATION | |
| C R | 7124 | UNDG number: 4-digit-UN-number. <u>Nº ONU</u> | n..4 |

- N.B. For goods with a subsidiary risk 2 methods ar to be applied:
1. In DGS only elements 8273 and 8351 ar to be used.
 2. Subsidiary risk should be shown in segment FTX.

First occurrence of this segment is required for the Terminal in order to declare the most dangerous product if there is more than one in an Equipment.

In order to declare more than the one dangerous product (the most dangerous), it's possible to use the following sequence:

```
=====
DGS+IMD+2.2+3159'
FTX+AAD+++DESCRIPTION A'
DGS+IMD+2.2+3337'
FTX+AAD+++DESCRIPTION B'
DGS+IMD+2.2+3340'
FTX+AAD+++DESCRIPTION C'
=====
```

Group 3 continues with NAD segment after eventual occurrence of group 4!

C O group 4: pre-carriage information

Position:
Group: 4
Level: 2
Usage: Conditional
Max Use: 1
Purpose: A group of segments to specify the planned pre-carriage details in case this message is a load order message

Comments:

Notes: Sample group :

TDT

M R TDT grp4 DETAILS OF TRANSPORT

Position: 0220
Group: 4
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identifying the pre-carriage transport details of the mode, means of transport by which the container did arrival before being loaded

Comments:

Notes: Sample segment :

TDT+10++9+++++1234567:146'

M R 8051 TRANSPORT STAGE QUALIFIER: code an..3
 '10' pre-carriage transport

~~C D 8028 CONVEYANCE REFERENCE NUMBER: an..17
 vessel operator's discharge voyage number
 if mode of pre-carriage transport is a ship~~

C R C220 MODE OF TRANSPORT
 C R 8067 Mode of transport, coded: codes an..3
 '1' maritime transport
 '2' rail transport
 '3' road transport
~~'9' mode unknown~~

~~C X 8066~~

~~C O C228 TRANSPORT MEANS~~

~~C R 8179 Type of means of transport identification: an..8~~

~~C X 8178~~

C D C040 CARRIER
~~Either elements 3127/1131/3055 or 3128 to be used~~
 C D 3127 Carrier identification: an..17
 code of the carrier.
Codificación por Cif si transporte rodado
en los envíos desde los Consignatarios.
En los envíos hacia la terminal también se utilizará
el CIF para los Transportistas.
 C D 1131 Code list qualifier: allowed codes an..3
 '172' carrier code
 C D 3055 Code list responsible agency, coded: code an..3
 '20' BIC
~~'87' assigned by carrier~~

~~'166'~~ NMFC/SCAC
~~'ZZZ'~~ mutually agreed

~~C D 3128 Carrier name: an..35~~
~~this element only to be transmitted~~
~~if no carrier code available~~

~~C X 8101~~

~~C X C401~~
~~M X 8457~~
~~M X 8459~~
~~C X 7130~~

C D C222 TRANSPORT IDENTIFICATION
This element group to be transmitted
if a code of the means of pre-carriage is applicable

C R 8213 Id of means of transport identification: an..9
Lloyd's number if C220/8067=1 and C222/1131=146
Train ID if C220/8067=2
Truck ID (Matrícula) if C220/8067=3

C D 1131 Code list qualifier: codes an..3
'146' Lloyd's register of ships

Group 3 continues now with NAD segment!

C D NAD grp3 NAME AND ADDRESS
 This segment only to be used if container operator differs from operator or shipping line service mentioned in NAD grp2
Será necesaria una ocurrencia para indicar el Consignatario encargado de asignar el despacho.

Position: 0230
Group: 3
Level: 2
Usage: Conditional
Max Use: 3
Purpose: A segment to specify a related address or party
Comments: **La ocurrencia de este segmento con el calificador "AM" sólo se puede enviar para contenedores llenos, en caso de haber enviado el MEA del grupo 3 con el calificador "VGM" para indicar el "Peso verificado".**

Notes: Sample segment :

NAD+CF+F666666666:160:ZZZ'
 NAD+RM+R77777777:160:ZZZ'
NAD+AM+++AUTHORIZED PERSON'

M R 3035 PARTY QUALIFIER: code an..3
 'CF' container operator
 'RM' Agente responsable de presentación de datos ante el Resguardo Fiscal.
'AM' Authorized official
Authorized person signing for verified gross mass

C R C082 PARTY IDENTIFICATION DETAILS an..35
 M R 3039 Party id identification:
 party responsible for the carriage of the goods and/or equipment
Calificador CF Codificado por el CIF
Calificador RM Codificado por el CIF
'SLS' Línea Marítima del contenedor

No se usa si 3035=AM

C R 1131 Code list qualifier: code an..3
 '160' Party ID
 C R 3055 Code list responsible agency, coded: an..3
 'ZZZ' mutually agreed

~~X C058 NAME AND ADDRESS~~

O C080 PARTY NAME
 M R 3036 Party name an..35
Sólo se usa si 3035= AM
Name in capitals of the person authorized to sign the shipping document declaring a verified gross mass (weight)

Envío por parte de los Consignatarios

Si se trata del Consignatario del Buque será necesaria una ocurrencia del segmento NAD con calificador CF (Agente operador) y otra con RM (Responsable ante la Aduana, el que presentará la Declaración/Manifiesto).

Opcionalmente se permitirá unaz ocurrencia de este segmento con el calificador 'SLS' para indicar la Línea Marítima del contenedor.

Si se trata de un Consignatario de Mercancía únicamente se permitirá una ocurrencia de este segmento para indicar la tercera función (Línea Marítima del contenedor).

Envío hacia la terminal

Se enviará obligatoriamente una iteración del segmento NAD con calificador CF, codificado por CIF, para indicar el agente y otra con el calificador RM, codificado por CIF, para indicar el Consignatario ante la Aduana.

Opcionalmente se permitirá unaz ocurrencia de este segmento con el calificador 'SLS' para indicar la Línea Marítima del contenedor.

M R CNT CONTROL TOTAL

Position: 0240

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: A segment to specify the number of containers in the message, explicitly given by the sender

Comments:

Notes: *Sample segment :*

CNT+16:13'

M R C270 CONTROL

M R 6069 Control qualifier: codes an..3

'1' dummy value

'16' total number of equipment

M R 6066 Control value n..18

'1' dummy value if 6069=1

Number of equipment if 6069=16

En los envíos desde los consignatarios se aceptará cualquier calificador

En los envíos hacia la terminal se generará el calificador 16

M R UNT MESSAGE TRAILER

Position: 0250

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message

Comments:

Notes: *Sample segment :*

UNT+numero_segmentos+ 0444123456'

M R 0074 Number of segments in a message: n..6
including UNH and UNT segments,
but excluding UNA, UNB and UNZ segments

M R 0062 Message reference number: an..14
this reference must be identical
to the reference in UNH 0062

M R UNZ INTERCHANGE TRAILER

Position: 0260

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: To end an interchange and to check if it's complete

Comments:

Notes: *Sample segment :*

UNZ+1+ 0333123456'

M R 0036 Interchange control count: n..6
the number of messages in the interchange

M R 0020 Interchange control reference: an..14
this reference must be identical
to the reference in UNB 0020

2.2 Segment index

2.2.1 Index of segments used in this guide

UNB Interchange
UNH Message header
BGM Beginning of message
DTM Date/time/period
RFF Reference
TDT Details of transport
RFF Reference
LOC Place/location identification
DTM Date/time/period
NAD Name and address
EQD Equipment details
RFF Reference
EQN Number of units
DTM Date/time/period
LOC Place/location identification
MEA Measurements
DIM Dimensions
TMP Temperature
RNG Range details
SEL Seal number
FTX Free text
DGS Dangerous goods
TDT Details of transport
NAD Name and address
CNT Control total
UNT Message trailer
UNZ Interchange trailer

2.2.2 Index of segments by Message type

Function '2' : Addition

UNB+UNOA:2+E111111111+T22222222+080523:1125+0333123456'
UNH+0444123456+COPRAR:D:95B:UN:ITG12'
BGM+45+20081234567+2'
DTM+137:200805231125:203'
RFF+XXX:1'
RFF+ACW:20081234566'
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'
RFF+ABT:48118501234'
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'
NAD+CA+A444444444:160:20'
NAD+SLS+ABC:160:20'
EQD+CN+XXXU1234567+22G1:102:5+1+2+5'
LOC+11+BEANR:139:6+BE123:72:ZZZ'
LOC+7+HKHKG:139:6'
MEA+AAE+G+KGM:12000'
MEA+AAE+AAG+KGM:9800'
NAD+CF+F666666666:160:ZZZ'
NAD+RM+R777777777:160:ZZZ'
CNT+1:1'
UNT+19+0444123456'
UNZ+1+0333123456'

N.B: REQUIRED SEGMENT and ~~OPTIONAL SEGMENT~~

Function '3' : Deletion

UNB+UNOA:2+E11111111+T22222222+080523:1125+0333123456'
UNH+0444123456+COPRAR:D:95B:UN:ITG12'
BGM+45+20081234567+2'
DTM+137:200805231125:203'
RFF+XXX:1'
RFF+ACW:20081234566'
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'
RFF+ABT:48118501234'
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'
NAD+CA+A444444444:160:20'
NAD+SLS+ABC:160:20'
EQD+CN+XXXU1234567+22G1:102:5+1+2+5'
CNT+1:1'
UNT+19+0444123456'
UNZ+1+0333123456'

Function '4' : Change

UNB+UNOA:2+E11111111+T22222222+080523:1125+0333123456'
UNH+0444123456+COPRAR:D:95B:UN:ITG12'
BGM+45+20081234567+4'
DTM+137:200805231125:203'
RFF+XXX:1'
RFF+ACW:20081234566'
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'
RFF+ABT:48118501234'
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'
NAD+CA+A444444444:160:20'
NAD+SLS+ABC:160:20'
EQD+CN+XXXU1234567+22G1:102:5+1+2+5'
LOC+11+BEANR:139:6+BE123:72:ZZZ'
LOC+7+HKHKG:139:6'
MEA+AAE+G+KGM:12000'
MEA+AAE+AAG+KGM:9800'
NAD+CF+F66666666:160:ZZZ'
NAD+RM+R77777777:160:ZZZ'
CNT+1:1'
UNT+19+0444123456'
UNZ+1+0333123456'

N.B: REQUIRED SEGMENT and ~~OPTIONAL SEGMENT~~

Function '5' : Replace

UNB+UNOA:2+E11111111+T22222222+080523:1125+0333123456'
UNH+0444123456+COPRAR:D:95B:UN:ITG12'
BGM+45+20081234567+5'
DTM+137:200805231125:203'
RFF+XXX:1'
RFF+ACW:20081234566'
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'
RFF+ABT:48118501234'
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'
NAD+CA+A444444444:160:20'
NAD+SLS+ABC:160:20'
EQD+CN+XXXU1234567+22G1:102:5+1+2+5'
LOC+11+BEANR:139:6+BE123:72:ZZZ'
LOC+7+HKHKG:139:6'
MEA+AAE+G+KGM:12000'
MEA+AAE+AAG+KGM:9800'
NAD+CF+F66666666:160:ZZZ'
NAD+RM+R777777777:160:ZZZ'
CNT+1:1'
UNT+19+0444123456'
UNZ+1+0333123456'

N.B: REQUIRED SEGMENT and ~~OPTIONAL SEGMENT~~

Function '9' : Original (initial transmission)

UNB+UNOA:2+E11111111+T22222222+080523:1125+0333123456 '
UNH+0444123456+COPRAR:D:95B:UN:ITG12 '
BGM+45+20081234567+9 '
DTM+137:200805231125:203 '
RFF+XXX:1 '
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME '
RFF+ABT:48118501234 '
LOC+9+ESBIO:139:6+T22222222:72:ZZZ '
NAD+CA+A44444444:160:20 '
NAD+SLS+ABC:160:20 '
EQD+CN+XXXXU1234567+22G1:102:5+1+2+5 '
RFF+VGR:GROSSMASSREF9876 '
DTM+798:200805231125:203 '
LOC+11+BEANR:139:6+BE123:72:ZZZ '
LOC+7+HKHKG:139:6 '
MEA+AAE+G+KGM:12000 '
MEA+AAE+AAG+KGM:9800 '
MEA+AAE+VGM+KGM:12000 '
FTX+ABS++SM1:ZZZ:SMD '
NAD+CF+F66666666:160:ZZZ '
NAD+RM+R777777777:160:ZZZ '
NAD+AM+++AUTHORIZED PERSON '
EQD+CN+YYYU1234567+22G1:102:5+1+2+5 '
RFF+VGR:GROSSMASSREF1234 '
DTM+798:200805231125:203 '
LOC+11+BEANR:139:6+BE123:72:ZZZ '
LOC+7+HKHKG:139:6 '
MEA+AAE+G+KGM:12000 '
MEA+AAE+AAG+KGM:9800 '
MEA+AAE+VGM+KGM:12000 '
FTX+ABS++SM1:ZZZ:SMD '
NAD+CF+F66666666:160:ZZZ '
NAD+RM+R777777777:160:ZZZ '
NAD+AM+++AUTHORIZED PERSON '
CNT+1:1 '
UNT+19+0444123456 '
UNZ+1+0333123456 '

N.B: REQUIRED SEGMENT and ~~OPTIONAL SEGMENT~~

Function '33' : Change in heading section

UNB+UNOA:2+E111111111+T22222222+080523:1125+0333123456'
UNH+0444123456+COPRAR:D:95B:UN:ITG12'
BGM+45+20081234567+33'
DTM+137:200805231125:203'
RFF+XXX:1'
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'
RFF+ABT:48118501234'
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'
NAD+CA+A444444444:160:20'
NAD+SLS+ABC:160:20'
CNT+1:1'
UNT+19+0444123456'
UNZ+1+0333123456'

N.B: REQUIRED SEGMENT and ~~OPTIONAL SEGMENT~~

2.3 Examples

Keeping in mind that an EDIFACT message is an uninterrupted character string every segment in this example is printed in a new line in order to obtain better readability.

Example #1: Loading order for one standard and one DG container

```
UNB+UNOA:2+E11111111+T22222222+080523:1125+0333123456'  
UNH+0444123456+COPRAR:D:95B:UN:ITG12'  
BGM+45+20081234567+9'  
DTM+137:200805231125:203'  
RFF+XXX:1'  
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'  
RFF+ABT:48118501234'  
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'  
NAD+CA+A44444444:160:20' EQD+CN+HLCU2389855+2200:102:5+++5'  
EQD+CN+XXXU1234567+22G1:102:5+1+2+5'  
LOC+11+BEANR:139:6+BE123:72:ZZZ'  
LOC+7+HKHKG:139:6'  
MEA+AAE+G+KGM:12000'  
MEA+AAE+AAG+KGM:9800'  
SEL+ABCD0123456'  
DGS+IMD+3+1263'  
NAD+CF+F66666666:160:ZZZ'  
NAD+RM+R77777777:160:ZZZ'  
EQD+CN+YYYU1234567+22G1:102:5+1+2+5'  
LOC+11+BEANR:139:6+BE123:72:ZZZ'  
LOC+7+HKHKG:139:6'  
MEA+AAE+G+KGM:12000'  
MEA+AAE+AAG+KGM:9800'  
RNG+5+CEL:-15:-5'  
SEL+ABCD0123456'  
DGS+IMD+3+1263'  
FTX+AAD+++DESCRIPTION A'  
NAD+CF+F66666666:160:ZZZ'  
NAD+RM+R77777777:160:ZZZ'  
CNT+16:2'  
UNT+34+0444123456'  
UNZ+1+0333123456'
```

Example #2: Loading order for two break bulk pieces stowed without supporting equipment.

UNB+UNOA:2+E111111111+T22222222+080523:1125+0333123456'
UNH+0444123456+COPRAR:D:95B:UN:ITG12'
BGM+45+20081234567+9'
DTM+137:200805231125:203'
RFF+XXX:1'
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'
RFF+ABT:48118501234'
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'
NAD+CA+A444444444:160:20'
EQD+BB+++++5'
RFF+BN:121212'
LOC+11+BEANR:139:6+BE123:72:ZZZ'
LOC+7+HKHKG:139:6'
MEA+WT+G+KGM:29250'
DIM+1+CMT:550:125:166'
FTX+AAA+++CRANE WHEELS'
EQD+BB+++++5'
RFF+BN:232323'
LOC+11+BEANR:139:6+BE123:72:ZZZ'
LOC+7+HKHKG:139:6'
MEA+WT+G+KGM:23000'
DIM+1+CMT:930:280:485'
FTX+AAA+++YACHT'
CNT+1:1'
UNT+24+0444123456'
UNZ+1+0333123456'

Example #3: Loading order for 20 unknow empty 20 ft standar containers and for 10 empty 40 ft containers of a special series.

```
UNB+UNOA:2+E11111111+T22222222+080523:1125+0333123456'  
UNH+0444123456+COPRAR:D:95B:UN:ITG12''  
BGM+45+20081234567+9'  
DTM+137:200805231125:203'  
RFF+XXX:1'  
TDT+20+1234+1++CARRIER:172:20+++1234567:146::VESSEL_NAME'  
RFF+ABT:48118501234'  
LOC+9+ESBIO:139:6+T22222222:72:ZZZ'  
DTM+132:200805260800:203'  
DTM+133:200805271800:203'  
NAD+CA+A444444444:160:20'  
EQD+CN++2210:102:5+++4'  
RFF+BN:1234567'  
EQN+20'  
LOC+11+BEANR:139:6+BE123:72:ZZZ'  
LOC+7+HKHKG:139:6'  
MEA+WT+G+KGM:2100'  
EQD+CN+2:ZZZ+:::40 FT EISU SERIES 712+++4'  
RFF+BN:7654321'  
EQN+10'  
LOC+11+BEANR:139:6+BE123:72:ZZZ'  
LOC+7+HKHKG:139:6'  
MEA+WT+G+KGM:3800'  
CNT+1:1'  
UNT+23+0444123456'  
UNZ+1+0333123456'
```

3. Appendix

3.1 Appendix A

Related Location One Identification:

3223 Data Element only for function 1 of LOC (group3)

Segment position: 0150.

Entre otros, los "puertos" (para nosotros serán Zonas) del puerto de Rotterdam son:

NLDDE --> Delta Dedicated East
NLDDN --> Delta Dedicated North
NLDDW --> Delta Dedicated West
NLRST --> Rotterdam Short Ship Terminal (North and South)
NLUNI --> Uniport
NLECH --> ECT-Home

Entre otros, los "puertos" (para nosotros serán Zonas) del puerto de Amberes son:

BEGAT --> Gateway (corresponde también con la 1700)
BE742 --> P&O Ports
BE913 --> Noord Natie
BE730 --> MSC-Home

3.2 Appendix B

Text Reference:

4441 Data Element of FTX (group 3).

Segment position: 0210.

If 4451= HAN : codes

| | |
|-----|--|
| AB | Away from boiler |
| AF | Away from foodstuff |
| AL | Away from living quarters |
| BC | Block stowage |
| EO | Except on decktop |
| KC | Keep cool |
| NO | No overstow |
| OD | On deck stowage |
| OP | On deck protected |
| OT | On decktop |
| TS | Top stowage |
| UD | Under deck stowage |
| UT | Under deck top stowage |
| UW | Under waterline |
| RF | Equipment off-repair |
| RN | Equipment on-repair |
| SP | Equipment put aside for inspection |
| SQ | Equipment stuff on quay |
| UQ | Equipment unstuff on quay |
| TF | Equipment transfer from shipping line |
| TT | Equipment transfer to shipping line |
| IN | Equipment receipt |
| IO | Equipment left and received |
| CVE | Set clear for verification |
| CAP | Set clear for appraisal |
| CFU | Set clear for fumigation |
| CSP | Set clear for inspection |
| COR | Set clear for other reasons |
| BRS | Block order - reserved for specific order |
| BSO | Block order - shipper owned container |
| BSU | Block order - unit sold |
| BNC | Block order - no use for commercial announcement |
| RCT | Reefer order - to connect to terminal electric means and control temperature |
| RCD | Reefer order - to connect to diesel group and control temperature |
| RCO | Reefer order - to connect to clip on and control temperature |
| RPT | Reefer order - pre-trip inspection |
| RTA | Reefer order - to tank a reefer container |
| LLO | Load |
| LDI | Discharge |
| LBU | To be bundled |
| LGO | General order |
| LLA | Lash |
| LME | To be measured |
| LSH | Shift on the same means of transport |
| LST | Stick |
| LWE | To be weighed |
| CCN | Customs clearance not to be arranged |
| CCY | Customs clearance to be arranged |
| CON | Not containerised goods |

COY Containerised goods
 DIR Discharge directly from one means of transport to another
 FC Goods to be cooled or frozen during operation
 ISH Discharge from means of transport into a shed
 LCK Discharge from means of transport into a locker
 MPN Goods are not a marine pollutant under MARPOL
 MPY Goods are a marine pollutant under MARPOL
 NC Goods are not to be cooled or frozen during operation
 ODN Goods will not exceed dimensions of the equipment
 ODY Goods will exceed dimensions of the equipment
 OQU Discharge from means of transport onto quay
 R Restow on same means of transport
 T In transit (remain on board)
 RD Refuel diesel reefer unit
 RG Refuel gas reefer unit
 1 Equipment to be sealed
 2 Equipment to be dry and clean
 3 Equipment to be odourless
 4 Equipment to be pre-tripped
 5 Equipment to be fumigated
 50 Contents to be sampled on acceptance
 51 Connect to reefer bridge immediately
 52 Roll tarpaulins
 53 Vents to be open
 6 Endwalls of flatracks to be collapsed
 7 Bundled flatracks to be cut
 AFH Under deck, away from heat
 ALU Limited maximum stacking height
 BOT Load at bottom of hold
 C Put aside for cleaning
 COV To be covered
 CSC Put aside for examination of CSC plate
 DEU Cargo packages are to be undone
 DRY Do not connect to reefer/porthole bridge
 HTK Load with connection to heated tanks
 INB Under deck, or on deck to be built in
 KFF Load in frost-free cell position
 LPN Loading not permitted
 LPY Loading permitted
 PRE Put near reefer bridge and pre-trip equipment
 RC Put aside for repair and cleaning
 REC Packages are to be re-composed/re-bundled
 RFR Reefer under deck
 SAM Put aside for sampling
 SHN Ship does not need to be loaded/discharged
 SHY Ship needs to be loaded/discharged
 SPC Specified cell position
 SRT To be sorted out
 TAR Put aside to roll tarpaulins before loading
 TOP Load on top layer in hold

If 4451= DAR : codes

| | | |
|---------------|--------------------------|-------|
| 1 | Available | |
| 2 | Minor damage | --> S |
| 3 | Medium damage | --> S |
| 4 | Major damage | --> S |
| 5 | Awaiting inspection | --> - |
| 6 | Not damaged | --> N |
| 7 | Repaired | --> N |
| 8 | Damaged | --> S |
| 9 | Unknown | --> - |
| 10 | Not available | |