

# COPRAR

Container discharge/loading order message

User manual

Version 1.2

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.

## 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.

## 2 Loading order

### 2.1 Description

**M R UNB** INTERCHANGE HEADER

M R S001  
0001 Syntax identifier: always 'UNOA', indicating the use of level 'A' character set.

M R 0002 Syntax version number: always '2'.

M R S002  
M R 0004 Sender identification: name code of the message sender.  
C X 0007 -  
C X 0008 -

M R S003  
M R 0010 Recipient identification: name code of the message recipient.  
C X 0007 -  
C X 0014 -

M R S004  
M R 0017 Date of preparation: preparation date of the message (format YYYYMMDD).  
0019 Time of preparation: preparation time of the message (format HHMM).  
  
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.

C X S005 -  
C X 0022 -  
C X 0025 -

C X 0026 -

C X 0029 -

C X 0031 -

C X 0032 -

C X 0035 -  
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**M R UNH** MESSAGE HEADER

M R 0062 MESSAGE REFERENCE NUMBER: a reference allocated by the sender, uniquely identifying the message. This reference must also be transmitted in the UNT segment.

M R S009

M R 0065 Message type identifier: always 'COPRAR'.

M R 0052 Message type version number: always 'D'.

M R 0054 Message type release number: at this moment '95B'.

M R 0051 Controlling agency: always 'UN'.

C R 0057 Association assigned code: the user manual version number, at this moment 'ITG12'.

C O 0068 Additional message reference (if required)

C X S010 -

C X 0070 -

C X 0073 -

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**M R BGM** BEGINNING OF MESSAGE

C R C002 DOCUMENT/MESSAGE NAME  
C R 1001 '45' Transport Loading Instruction  
C X 1131 -  
C X 3055 -  
C R 1000 -

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).

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

C O 4343 RESPONSE TYPE, CODED: code  
'AB' Message acknowledgement required  
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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 FTX FREE TEXT

M R 4451 TEXT SUBJECT QUALIFIER: code  
'OSI' Other service information

C X 4453 -

C R C107 TEXT REFERENCE

M R 4441 Free Text, coded. Codes to be used  
'D' Discharge  
'L' Load

C X 1131 -

C X 3055 -

C X C108 -

M X 4440 -

C X 4440 -

C X 4440 -

C X 4440 -

C X 4440 -

C X 3453 -

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**M R RFF** REFERENCE

M R C506 REFERENCE

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

C R 1154 Reference number:  
    '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)

C X 1156 -  
C X 4000 -  
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M R group 1 Vessel Information  
TDT - RFF - LOC - DTM - FTX

**M R TDT** grp1 DETAILS OF TRANSPORT

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

C D 8028 CONVEYANCE REFERENCE NUMBER: the vessel  
operator's voyage number (Main carriage)

C R C220 MODE OF TRANSPORT

C R 8067 Mode of transport, coded: codes

'1' maritime transport

'8' inland water transport

C X 8066 -

C X C228 -

C X 8179 -

C X 8178 -

C R C040 CARRIER

C R 3127 Carrier identification: ship operator's name, coded

C O 1131 Code list qualifier: code '172' (carrier code)

C O 3055 Code list responsible agency, coded: code

'20' BIC

'87' assigned by carrier

'166' NMFCA/SCAC

C X 3128 -

C X 8101 -

C X C401 -

M X 8457 -

M X 8459 -

C X 7130 -

C R C222 TRANSPORT IDENTIFICATION

C R 8213 Id of means of transport identification: vessel code

1. international radio call sign (recommended)

2. Lloyd's number

C R 1131 Code list qualifier: allowed qualifiers

'103' radio call sign

'146' Lloyd's register of ships

C X 3055 -

C O 8212 Id of the means of transport: name of the vessel

C X 8453 -

C X 8281 -

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**C O**    **RFF** grp1    REFERENCE

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)

	M R C506	REFERENCE
M R	1153	Reference qualifier: code 'VON' Voyage number
C R	1154	Reference number: alternative voyage number
C X	1156	-
C X	4000	-
	'	

**C R**    **LOC** grp1    PLACE/LOCATION IDENTIFICATION  
  
M R 3227    PLACE/LOCATION QUALIFIER: code '9'  
(operational port of loading)  
  
C R C517    LOCATION IDENTIFICATION  
C R    3225 Place/location identification: UN-Locode of ship's departure  
C O    1131 Code list qualifier: code '139' (port)  
C O    3055 Code list responsible agency, coded: code '6' (UN)  
C X    3224 -  
  
C O C519    RELATED LOCATION ONE IDENTIFICATION  
C R    3223 Related place/location one identification: terminal/berth  
C R    1131 Code list qualifier: code  
          'BER' berth  
          'TER' terminal  
C R    3055 Code list responsible agency, coded: code 'ZZZ' (mutually  
          agreed)  
C X    3222 -  
  
C X    C553    -  
C X    3233 -  
C X    1131 -  
C X    3055 -  
C X    3232 -  
  
C X    5479    -  
'

C O DTM grp1 DATE/TIME/PERIOD

C O DTM(1)

M R C507 DATE/TIME/PERIOD  
M R 2005 Date/time/period qualifier: code  
'132' arrival date/time, estimated  
C R 2380 Date/time/period: (estimated) date/time of arrival  
C R 2379 Date/time/period format qualifier: code '203'  
(CCYYMMDDHHMM)

C O DTM(2)

M R C507 DATE/TIME/PERIOD  
M R 2005 Date/time/period qualifier: code  
'133' departure date/time, estimated  
C R 2380 Date/time/period: (estimated) date/time of departure  
C R 2379 Date/time/period format qualifier: code '203'  
(CCYYMMDDHHMM)

**C X FTX** grp1 FREE TEXT

This segment is not to be used.

M X 4451 -

C X 4453 -

C X C107 -

M X 4441 -

C X 1131 -

C X 3055 -

C X C108 -

M X 4440 -

C X 4440 -

C X 4440 -

C X 4440 -

C X 4440 -

C X 3453 -

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M R group 2 Party Information  
NAD - CTA

M R NAD grp2 NAME AND ADDRESS

M R 3035 PARTY QUALIFIER: codes  
'CA' carrier  
'CF' container operator  
'SLS' shipping line service  
This code applies to every container mentioned in grp3  
unless in segment NAD (grp3) specified otherwise.

C R C082 PARTY IDENTIFICATION DETAILS  
M R 3039 Party id identification  
C R 1131 Code list qualifier: code  
160 Party ID  
C R 3055 Code list responsible agency, coded: allowed codes  
'20' BIC  
'166' NMFCA/SCAC  
'ZZZ' mutually agreed

C X C058 -  
M X 3124 -  
C X 3124 -  
C X 3124 -  
C X 3124 -  
C X 3124 -

C X C080 -  
M X 3036 -  
C X 3036 -  
C X 3036 -  
C X 3036 -  
C X 3036 -  
C X 3045 -

C X C059 -  
M X 3042 -  
C X 3042 -  
C X 3042 -

C X 3164 -

C X 3229 -

C X 3251 -

C X 3207 -

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**C X**    **CTA** grp2    CONTACT INFORMATION

This segment is not to be used.

C X    3139    -

C X    C056    -

C X            3413 -

C X            3412 -

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M R group 3 Container Information

EQD - RFF - EQN - TMD - DTM - LOC - MEA - DIM - TMP -  
RNG - SEL - FTX - DGS - EQA - 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 (conditional)

EQA segment: only to be used for special equipment (reefer generator, trailer)

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

EQA 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)

EQA segment: to be used for supporting equipment (e.g. flatracks, platforms) with qualifier 'CN'

**M R EQD grp3**                    EQUIPMENT DETAILS

      M R 8053            EQUIPMENT QUALIFIER: codes  
      `CN` Container  
      `BB` Breakbulk  
      `SW` Swapbody

      C D C237            EQUIPMENT IDENTIFICATION

C D    8260 Equipment identification number:

          1. Container: container number (contiguous string)

          2. Breakbulk: Leave blank

          3. Empty containers without identifying the numbers:  
          Sequence number

          4. Otherwise (Ro/Ro, swapbody): the equipment ID number

C D    1131 Code list qualifier: code  
          `ZZZ` mutually agreed; to be used only if empty  
          containers with guidelines are ordered

C X    3055 -  
C X    3207 -

      C D C224            EQUIPMENT SIZE AND TYPE

C D    8155 Equipment size and type identification: ISO size type code  
          according to ISO 6346.

C D    1131 Code list qualifier: code '102' (size and type)

C D    3055 Code list responsible agency, coded: code  
          '5'                ISO

C D    8154 Equipment size and type: Non-ISO SizeType.

C O    8077            EQUIPMENT SUPPLIER, CODED. Codes  
          `1` Shipper supplied  
          `2` Carrier supplied  
          `3` Third party supplied

C O    8249            EQUIPMENT STATUS, CODED. Codes  
          `1` Continental  
          `2` Export  
          `3` Import  
          `6` Transshipment

      C R 8169            FULL/EMPTY INDICATOR, CODED: codes  
          `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

This segment is to be used for different reference numbers

M R    C506    REFERENCE

M R            1153 Reference qualifier: codes

                  `BN` booking number

                                  `CV` container operator's reference  
                                  number; to be used for DG reference number  
                                  according to DG reference number in stowage  
                                  instructions

                                  `AAY`    Carrier's agent reference  
                                  number

                  `ABT` Customs declaration number

                  `EQ` Alternate equipment number: to be used in the event  
                                  that an alternative equipment number is to be  
                                  quoted in addition to the number in EQD segment

C R            1154 Reference number

C X            1156 -

C X            4000 -

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C D	<b>EQN</b> grp3	NUMBER OF UNITS To be used only for ordering empty containers without indicating prefix and container number.
M R	C523	NUMBER OF UNIT DETAILS
C R	6350	Number of units: the quantity of empty containers descri- bed in EQD segment which shall be loaded, even if quantity is '1'
C X	6353 -	
	'	

**C O**    **TMD** grp3    TRANSPORT MOVEMENT DETAILS

                  C R C219            MOVEMENT TYPE  
C R            8335 Movement type, coded: available codes:  
                  `2' LCL/LCL (P/P)  
                  `3' FCL/FCL (H/H)  
                  `4' FCL/LCL (H/P)  
                  `5' LCL/FCL (P/H)  
C X            8334 -  
C X    8332       -  
C X    8341       -  
'

**C X**    **DTM** grp3    DATE/TIME/PERIOD

This segment is not to be used.

M R    C507       -  
M R            2005 -  
C R            2380 -  
C R            2379 -  
'

**C R LOC grp3 PLACE/LOCATION IDENTIFICATION**

M R 3227 PLACE/LOCATION QUALIFIER: code '11'  
(operational port of discharge)

C R C517 LOCATION IDENTIFICATION

C R 3225 Place/location identification: UN-Locode of port of  
discharge

C O 1131 Code list qualifier: code '139' (port)

C O 3055 Code list responsible agency, coded: code '6' (UN)

C X 3224 -

C O C519 RELATED LOCATION ONE IDENTIFICATION

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

C R 1131 Code list qualifier: code  
'BER' berth  
'TER' terminal

C R 3055 Code list responsible agency, coded: code  
'ZZZ' mutually agreed

C X 3222 -

C X C553 -

C X 3233 -

C X 1131 -

C X 3055 -

C X 3232 -

C X 5479 -

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**C O LOC grp3 PLACE/LOCATION IDENTIFICATION**

M R 3227 PLACE/LOCATION QUALIFIER: codes  
'7' place of delivery (final destination)  
'PDS' place of destination (destination for stowage  
purposes)

C R C517 LOCATION IDENTIFICATION

C R 3225 Place/location identification: final destination or port  
code for stowage purposes

C O 1131 Code list qualifier: code '139' (port)

C O 3055 Code list responsible agency, coded: codes  
'6' UN  
'9' EAN  
'12' UIC  
'112' US Census

C O 3224 Place/Port: free text

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(.. contd ..)

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          C O C519      RELATED LOCATION ONE IDENTIFICATION
C R      3223 Related place/location one identification: terminal/berth
C R      1131 Code list qualifier: code
          'BER' berth
          'TER' terminal
C R      3055 Code list responsible agency, coded: code 'ZZZ' (mutually
          agreed)
C X      3222 -
C X      C553      -
C X      3233 -
C X      1131 -
C X      3055 -
C X      3232 -
C X      5479      -
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**C R MEA grp3 MEASUREMENTS**  
  
M R 6311 MEASUREMENT APPLICATION QUALIFIER: code  
'AAE' Measurement  
  
C R C502 MEASUREMENT DETAILS  
C R 6313 Measurement dimension, coded: code  
'G' gross weight  
C X 6321 -  
C X 6155 -  
C X 6154 -  
  
C R C174 VALUE/RANGE  
M R 6411 Measure unit qualifier: code  
'KGM' kilogram  
C R 6314 Measurement value: gross weight in kg (tare weight for  
empty containers). Gross weight is the sum of cargo  
weight and container (equipment) weight  
C X 6162 -  
C X 6152 -  
C X 6432 -  
  
C X 7383 -  
'

C D DIM grp3 DIMENSIONS  
to be used for out-of-gage containers and for break bulk

M R 6145 DIMENSION QUALIFIER: codes:  
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)  
10 external dimensions (Non-ISO only)

M R C211 DIMENSIONS

M R 6411 Measure unit qualifier: code  
'CMT' centimeter

C D 6168 Length dimension: total length for break bulk, overlength  
for containers

C D 6140 Width dimension: total width for break bulk, overwidth for  
containers

C D 6008 Height dimension: total height for break bulk, overheight  
for containers

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**C**     **D**     **TMP** grp3                   TEMPERATURE  
to be used for container/cargo which has to be cooled or  
heated

M R 6245           TEMPERATURE QUALIFIER: code  
'2' transport temperature

C R     C239        TEMPERATURE SETTING  
C R           6246 Temperature setting: temperature according to which the  
cargo has to be transported  
C R           6411 Measure unit qualifier: code 'CEL' (Celsius) or 'FAH'  
(Fahrenheit)

**N.B.**    In spite of the given field length of element e6245 (format N3) deci-  
mal marks and negative values preceded by a minus sign can be trans-  
mitted. 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 va-  
lue when computing the maximum field length.  
Tenth degrees have to be separated by a decimal point from full de-  
grees (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 Applica-  
tion Level Syntax Rules', par. 10 'Representation of numeric data  
element values'.

C O    **RNG** grp3    RANGE DETAILS  
                  to be used for container/cargo which has to be cooled or  
                  heated and a temperature range is allowed

                  M R 6167        RANGE TYPE QUALIFIER: code  
                              '5' temperature range

C R    C280        RANGE  
M R            6411 Measure unit qualifier: codes  
                  'CEL' Celsius  
                  'FAH' Fahrenheit

C R            6162 Range minimum: minimum temperature according to which the  
                  cargo has to be transported

C R            6152 Range maximum: maximum temperature according to which the  
                  cargo has to be transported

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C O   SEL grp3   SEAL NUMBER

M R   9308       SEAL NUMBER

           C O C215   SEAL ISSUER
C R   9303 Sealing party, coded: available codes:
           `CA` Carrier
           `CU` Customs
           `QA` Quarantine
           `SH` Shipper
           `TO` Terminal operator

C X   1131 -
C X   3055 -
C X   9302 -

C X   4517   -
'

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C O    **FTX** grp3    FREE TEXT

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

C X    4453       -

C D    C107       TEXT REFERENCE

M R       4441 If 4451='ACF': construction material code

If 4451='ABS': codes  
  61 Unpacking (LCL delivery)  
  62 Positioning by third party  
  63 To be inspected  
  64 Requires special service  
  65 Requires pre-trip  
  66 Requires steam clean  
  67 Clean  
  68 Dirty  
  69 For unpacking  
  70 Under bond  
  71 Free store  
  72 Customs stop  
  73 Customs stop removed  
  74 Quarantine stop  
  75 Quarantine stop removed  
  76 Storage/other stop  
  77 Storage/other stop removed  
  78 All stops removed  
  79 Set aside for sale  
  80 Sold and awaiting delivery  
  81 Prepared for hides  
  82 Prepared for food quality  
  83 Prepared bulkhead  
  84 Prepared for quarantine inspection  
  85 Pretrip/steamcleaned int reefer  
  86 Pretripped integral reefer  
  87 Steamcleaned insulated  
  88 Steamcleaned general  
  89 Steamcleaned tank  
  90 Surveyed  
  91 Repaired  
  92 Plated  
  93 Prepared for milk powder  
  94 Prepared for rice  
  95 Prepared for cotton  
  96 Prepared for cans  
  97 Prepared for canned fruit  
  98 Prepared for dried fruit  
  99 Prepared for hay  
 100 Prepared with plastic lining  
 101 Prepared with varnished floor  
 102 Clip-on unit required  
 103 Generator required  
 104 Vent open

105 Vent closed  
106 Off-hire on arrival  
107 Do not accept  
109 Cargo claim pending  
110 Return to special port  
111 CSC problem  
112 Redirect elsewhere  
113 Ownership problem  
114 Unit is for sale  
115 For fumigation  
116 Keep from freezing  
117 No temperature setting required  
118 Live reefer

If 4451= DAR : codes

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

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 overstay  
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

C X 1131 -  
 C D 3055 If 4451='ACF': code  
     5 ISO  
     If 4451='ABS' or 'DAR' or 'HAN': code  
     184 Australian chamber of shipping  
  
 C D C108 TEXT LITERAL  
 M R 4440 Free text: Description/Instructions/Remarks in plain lan-  
     guage.  
     To be used only if 4451='AAA' or 'AAI'  
  
 C X 4440 -  
 C X 4440 -  
 C X 4440 -  
 C X 4440 -  
  
 C X 3453 -  
 '

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

**C D DGS grp3 DANGEROUS GOODS**  
to be used for dangerous goods containers

C R 8273 DANGEROUS GOODS REGULATIONS, CODED: code  
'IMD' IMO Code

C R C205 HAZARD CODE  
M R 8351 Hazard code identification: IMDG code, e.g. '6.1'  
C O 8078 Hazard substance/item/page number: IMDG code page number  
(english version)  
C O 8092 Hazard code version number

C O C234 UNDG INFORMATION  
C R 7124 UNDG number: 4-digit-UN-number  
C X 7088 -

C D C223 DANGEROUS GOODS SHIPMENT FLASHPOINT  
C R 7106 Dangerous goods flashpoint: the actual flashpoint in cen-  
tigrade or Fahrenheit. For transmitting temperatures  
below zero or tenth degrees refer to remarks under TMP  
segment. If different dangerous goods with different  
flashpoints within one container are to be transported  
only the lowest flashpoint is to be given.

C R 6411 Measure unit qualifier: codes  
'CEL' centigrade  
'FAH' Fahrenheit

C O 8339 PACKING GROUP, CODED: packing group code of  
the hazardous goods. Codes  
'1' great danger  
'2' medium danger'  
'3' minor danger

C O 8364 EMS NUMBER: emergency schedule number

C O 8410 MFAG: medical first aid guide number

C O 8126 TREM card number

C O C235 HAZARD IDENTIFICATION  
C O 8158 Hazard identification number, upper part  
C O 8186 Substance identification number, lower part

C O C236 DANGEROUS GOODS LABEL  
C O 8246 Dangerous goods label marking (1)  
C O 8246 Dangerous goods label marking (2)  
C O 8246 Dangerous goods label marking (3)

C X 8255 -

C X 8325 -

C X 8211 -

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.

C O **EQA** grp3 ATTACHED EQUIPMENT  
to be used if attached equipment is used

M R 8053 EQUIPMENT QUALIFIER: codes  
'AB' Chain  
'AD' Temperature probe  
'BL' Blocks  
'CH' Chassis  
'CN' Container  
'FSU' Forked support  
'LAR' Lashing rope  
'RG' Reefer generator  
'RR' Rail wagon  
'STR' Strap  
'SW' Swapbody  
'TE' Trailer  
'TP' Tarpaulin

C D C237 EQUIPMENT IDENTIFICATION  
C R 8260 Equipment identification number: number of attached  
equipment  
C X 1131 -  
C X 3055 -  
C X 3207 -  
,

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

C O group 4: pre-carriage information  
TDT - RFF - LOC - DTM

**M R TDT** grp4 DETAILS OF TRANSPORT

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

C D 8028 CONVEYANCE REFERENCE NUMBER: 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  
'1' maritime transport  
'2' rail transport  
'3' road transport  
'4' air  
'8' inland water transport  
'9' mode unknown

C X 8066 -

C R C228 TRANSPORT MEANS

C R 8179 Type of means of transport identification: codes:  
11 ship (feeder vessel / barge)  
13 ocean vessel  
25 rail  
31 truck

C X 8178 -

C O C040 CARRIER  
Either elements 3127/1131/3055 or 3128 to be used

C D 3127 Carrier identification: code of the carrier

C D 1131 Code list qualifier: code  
'172' carrier code

C D 3055 Code list responsible agency, coded: code  
'20' BIC  
'87' assigned by carrier  
'166' NMFC/SCAC

C D 3128 Carrier name: 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 -

(.. contd ..)

(.. contd ..)

```

      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:
           Radio call sign    if C220/8067=1 and
           C222/1131=103
           Lloyd's number    if C220/8067=1 and C222/1131=146
           Train ID          if C220/8067=2
           Truck ID          if C220/8067=3
           Air service ID    if C220/8067=4
           Barge ID          if C220/8067=8
C D      1131 Code list qualifier: codes
           '103' call sign
           '146' Lloyd's register of shipping
C X      3055 -
C X      8212 -
C X      8453 -

C X      8281      -
'
```

<b>C</b>	<b>D</b>	<b>RF</b>	grp4	REFERENCE
				Voyage number to be sent if different from vessel operator's voyage number in TDT (grp4)
			M R C506	REFERENCE
M R		1153	Reference qualifier: code	
			'VON' voyage number	
C R		1154	Reference number: alternative discharge voyage number	
C X		1156	-	
C X		4000	-	
				'

**C O LOC** grp4 PLACE/LOCATION IDENTIFICATION

M R 3227 PLACE/LOCATION QUALIFIER: code  
'5' place of departure

C R C517 LOCATION IDENTIFICATION

C R 3225 Place/location identification: place of departure

C X 1131 -

C O 3055 '6' UN

'9' EAN

'112' US Census

C X 3224 -

C X C519 -

C X 3223 -

C X 1131 -

C X 3055 -

C X 3222 -

C X C553 -

C X 3233 -

C X 1131 -

C X 3055 -

C X 3232 -

C X 5479 -

'

```

C O   DTM grp4   DATE/TIME/PERIOD

      M R C507   DATE/TIME/PERIOD
M R   2005 Date/time/period qualifier: codes
      '132' arrival date/time, estimated
C R   2380 Date/time/period: date/time of delivery of the container
      to the terminal. 'Late arrival' containers are shown if
      day of delivery is day of loading
C R   2379 Date/time/period format qualifier: code
      '203' CCYYMMDDHHMM
,

```



**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

M R   3035      PARTY QUALIFIER: code
                'CF' container operator

C R   C082      PARTY IDENTIFICATION DETAILS
M R           3039 Party id identification: party responsible for the carriage of the goods and/or equipment
C R           1131 Code list qualifier: code
                '160' Party ID
C R           3055 Code list responsible agency, coded: codes
                '20' BIC
                '166' NMFCA/SCAC
                'ZZZ' mutually agreed

C X   C058      -
M X           3124 -
C X           3124 -
C X           3124 -
C X           3124 -
C X           3124 -
C X           3124 -

C X   C080      -
M X           3036 -
C X           3036 -
C X           3036 -
C X           3036 -
C X           3036 -

C X   C059      -
M X           3042 -
C X           3042 -
C X           3042 -

C X   3164      -

C X   3229      -

C X   3251      -

C X   3207      -
'
```

<b>M R</b>	<b>CNT</b>	CONTROL TOTAL	
M R	C270	CONTROL	
M R	6069	Control qualifier: codes	
		'1'	dummy value
		'16'	total number of equipment
M R	6066	Control value	
		'1'	dummy value
			if 6069=1
		Number of equipment	if 6069=16
C X	6411	-	
		'	

<b>M R</b>	<b>UNT</b>	MESSAGE TRAILER
M R	0074	Number of segments in a message: including UNH and UNT segments, but excluding UNA, UNB and UNZ segments
M R	0062	Message reference number: this reference must be identical to the reference in UNH 0062
		,

**M R UNZ** INTERCHANGE TRAILER

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

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

,

## 2.2 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+DEHAMHLOFEPLAN+DEHAMHHLBUKAI1+950725:1122+1'
      UNH+2+COPRAR:D:95B:UN:ITG12'
      Header information
      BGM+45+19950000003+9'
      COPRAR loading
      order
      RFF+XXX:1'
      dummy
TDT+20+4321+1++HLC:172:20+++DHEE:103::ESSEN XPR' Vessel/voyage
      LOC+9+DEHAM:139:6+BK8:BER:ZZZ'
      Port and berth of
      loading
      DTM+132:199507252000:203'
      ETA
      DTM+133:199507260830:203'
      ETD
      NAD+CA+HLC:160:20'
      Carrier
      EQD+CN+HLCU2389855+2200:102:5+++5'
      1st container
      RFF+BN:0102000'
      Bookin
      g number
      TMD+11'
      house/house
      LOC+11+SGSIN:139:6'
      POD
      Singapore
      LOC+7+THBKK:139:6'
      Final
      destination Bangkok
      MEA+WT+G+KGM:13450'
      Gross
      weight
      SEL+6789+CU'
      Customs's
      seal number
      FTX+ABS++63::184'
      to be
      inspected
TDT+10+3333+1+11+UNI:172:87+++DIGB:103' Pre-carriage: feeder ship
      LOC+5+DKAAR::6'
      Place
      of departure Aarhus
      DTM+132:199507221123:203'
      Cont. already
      delivered
      EQD+CN+NYKU2038494+2200:102:5+++5'
      2nd container
  
```

```

RFF+BN:0103000'
                                     Bookin
      g number
RFF+CV:7'
                                     DG
      reference number
TMD+11'
                                     house/house
LOC+11+SGSIN:139:6'
                                     POD
      Singapore
MEA+WT+G+KGM:8300'
                                     Gross weight
SEL+780+CA'
                                     Carrier's
      seal number
FTX+AAA+++DIACETYL'
                                     Commodity
DGS+IMD+3.2+2346+55:CEL'
                                     Dangerous goods
      information
TDT+10++3+31+:::SCHENKER+++HH-MM 22'
      Pre-carriage: truck
LOC+5+DEKEL::6'
                                     Place
      of departure Kiel
DTM+132:199507252200:203'
      Late arrival
      container
NAD+CF+NYK:160:20'
      Container operator
CNT+1:1'
                                     dummy
UNT+34+2'
                                     Reference
      to UNH
UNZ+1+1'
                                     Reference
      to UNB

Example #2: Loading order for two break bulk pieces where piece #1 shall be
            stowed on two platforms and piece #2 shall be stowed
            without supporting equipment

UNB+UNOA:2+DEHAMTCSSTCENT+DEHAMHHLBUKAI1+950725:1122+1'
      UNH+2+COPRAR:D:95B:UN:ITG11'
      Header information
      BGM+240+19950000004+9'
      PRAR loading order
      RFF+XXX:1'
      dummy
TDT+20+4444+1++BSC:172:20+++UJDB:103:'
      Vessel/voyage
LOC+9+DEHAM:139:6'
      Port of loading
DTM+132:199507252000:203'
      ETA
DTM+133:199507260830:203'
      ETD
NAD+CA+BCL:160:20'
      Carrier

```

EQD+BB+++++5'	1st uncon
piece	
RFF+BN:121212'	Booking
number	
TMD+11'	house/house
LOC+11+SGSIN:139:6'	POD
Singapore	
LOC+7+THBKK:139:6'	Final destination Bangkok
MEA+WT+G+KGM:29250'	Gross weight
weight	
DIM+1+CMT:550:125:166'	Uncon dimensions
FTX+AAA+++CRANE WHEELS'	Commodity
Commodity	
EQA+CN+MMMU0059663'	1st platform
platform	
EQA+CN+MMMU0110385'	2nd platform
platform	
TDT+10++2+25'	Pre-carriag
e: railway	
LOC+5+DEMUC::6'	Place of origin Munich
of origin Munich	
DTM+132:199507221123:203'	Piece already delivered
delivered	
EQD+BB+++++5'	2nd uncon
piece	
RFF+BN:232323'	Booking
number	
TMD+13'	house/pier
LOC+11+HKHKG:139:6'	POD
Hongkong	
MEA+WT+G+KGM:23000'	Gross weight
weight	
DIM+1+CMT:930:280:485'	Uncon dimensions
FTX+AAA+++YACHT'	Commodity
Commodity	
CNT+1:1'	dummy
UNT+30+2'	Reference
to UNH	

UNZ+1+1'

Reference

to UNB

Example #3: Loading order for 20 unknown empty 20 ft standard containers  
and for 10 empty 40 ft containers of a special series

UNB+UNOA:2+DEHAMEVGCENSTO+DEHAMHHLBUKAI1+950725:1122+1'

UNH+2+COPRAR:D:95B:UN:ITG11'

Header information

BGM+240+19950000005+9'

COPRAR loading

order

RFF+XXX:1'

dummy

TDT+20+RW7777+1++EMC:172:20+++BKHJ:103::EVER LEVEL' Vessel/voyage

LOC+9+DEHAM:139:6+BK5:BER:ZZZ'

Port and berth of

loading

DTM+132:199507252000:203'

ETA

DTM+133:199507260830:203'

ETD

NAD+CA+EMC:160:20'

Carrier

EQD+CN++2210:102:5+++4'

20 ft standard empty

RFF+BN:1234567'

Bookin

g number

Empty containers without no.

RFF+SQ:1'

EQN+20'

Twenty containers

LOC+11+HKHKG:139:6'

POD

Hongkong

MEA+WT+G+KGM:2100'

Gross weight

(=tare weight)

EQD+CN+2:ZZZ+:::40 FT EISU SERIES 712+++4' 40 ft empty, special series

RFF+BN:7654321'

Bookin

g number

EQN+10'

Ten containers

LOC+11+JPTYO:139:6'

POD Tokyo

MEA+WT+G+KGM:3800'

Gross weight

(=tare weight)

CNT+1:1'

dummy

UNT+21+2'

Reference

to UNH

UNZ+1+1'

Reference

to UNB



### 3 Discharge order

#### 3.1 Description

**M R UNB** INTERCHANGE HEADER

M R S001  
0001 Syntax identifier: always 'UNOA', indicating the use of level 'A' character set.

M R 0002 Syntax version number: always '2'.

M R S002  
M R 0004 Sender identification: name code of the message sender.  
C X 0007 -  
C X 0008 -

M R S003  
M R 0010 Recipient identification: name code of the message recipient. See S002.0004  
C X 0007 -  
C X 0014 -

M R S004  
M R 0017 Date of preparation: preparation date of the message (format YYYYMMDD).  
0019 Time of preparation: preparation time of the message (format HHMM).  
  
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.

C X S005 -  
C X 0022 -  
C X 0025 -  
  
C X 0026 -  
  
C X 0029 -  
  
C X 0031 -  
  
C X 0032 -  
  
C X 0035 -  
,

**M R UNH** MESSAGE HEADER

M R 0062 MESSAGE REFERENCE NUMBER: a reference allocated by the sender, uniquely identifying the message. This reference must also be transmitted in the UNT segment.

M R S009

M R 0065 Message type identifier: always 'COPRAR'.

M R 0052 Message type version number: always 'D'.

M R 0054 Message type release number: at this moment '95B'.

M R 0051 Controlling agency: always 'UN'.

C R 0057 Association assigned code: the user manual version number, at this moment 'ITG12'.

C O 0068 Additional message reference (if required)

C X S010 -

C X 0070 -

C X 0073 -

,

**M R BGM** BEGINNING OF MESSAGE

C R C002 DOCUMENT/MESSAGE NAME  
C R 1001 '43' Transport Discharge Instruction  
C X 1131 -  
C X 3055 -  
C R 1000 -

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).

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

C O 4343 RESPONSE TYPE, CODED: code  
'AB' Message acknowledgement required  
,

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	FTX	FREE TEXT
		M R 4451	TEXT SUBJECT QUALIFIER: code 'OSI'
C X	4453	-	
C R	C107		TEXT REFERENCE
M R	4441		Free Text, coded. Codes to be used 'D' Discharge 'L' Load
C X	1131	-	
C X	3055	-	
C X	C108	-	
M X	4440	-	
C X	4440	-	
C X	4440	-	
C X	4440	-	
C X	4440	-	
C X	3453	-	

**M R RFF** REFERENCE

M R C506 REFERENCE  
M R 1153 Reference qualifier: codes  
    'XXX' dummy (RFF is mandatory)  
    'ACW' reference number to previous message (see note in  
          BGM segment)  
C R 1154 Reference number:  
    '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)  
X 1156 -  
C X 4000 -  
,

M R group 1 Vessel Information  
TDT - RFF - LOC - DTM - FTX

**M R TDT** grp1 DETAILS OF TRANSPORT

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

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

C R C220 MODE OF TRANSPORT

C R 8067 Mode of transport, coded: codes  
'1' maritime transport  
'8' inland water transport

C X 8066 -

C X C228 -

C X 8179 -

C X 8178 -

C R C040 CARRIER

C R 3127 Carrier identification: ship operator's name, coded, ac-  
cording 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 3128 -

C X 8101 -

C X C401 -

M X 8457 -

M X 8459 -

C X 7130 -

C R C222 TRANSPORT IDENTIFICATION

C R 8213 Id of means of transport identification: vessel code  
1. radio call sign (recommended)  
2. Lloyd's number

C R 1131 Code list qualifier: allowed qualifiers  
'103' call sign  
'146' Lloyd's register of ships

C X 3055 -

C O 8212 Id of the means of transport: name of the vessel

C X 8453 -

C X 8281 -

'

**C O**    **RFF** grp1    REFERENCE

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)

                  M R C506            REFERENCE  
M R            1153 Reference qualifier: code  
                  'VON' Voyage number  
C R            1156 Reference number: alternative voyage number  
C X            4000 -  
'

**C R**    **LOC** grp1    PLACE/LOCATION IDENTIFICATION  
  
M R 3227    PLACE/LOCATION QUALIFIER: code '11'  
(operational port of discharge)  
  
C R C517    LOCATION IDENTIFICATION  
C R    3225 Place/location identification: UN-Locode of ship's departure  
C O    1131 Code list qualifier: code '139' (port)  
C O    3055 Code list responsible agency, coded: code '6' (UN)  
C X    3224 -  
  
C O C519    RELATED LOCATION ONE IDENTIFICATION  
C R    3223 Related place/location one identification: terminal/berth  
C R    1131 Code list qualifier: codes  
          'BER' berth  
          'TER' terminal  
C R    3055 Code list responsible agency, coded: code  
          'ZZZ' mutually agreed  
C X    3222 -  
  
C X    C553    -  
C X    3233 -  
C X    1131 -  
C X    3055 -  
C X    3232 -  
  
C X    5479    -  
'



C O DTM grp1 DATE/TIME/PERIOD

C O DTM(1)

M R C507 DATE/TIME/PERIOD  
M R 2005 Date/time/period qualifier: code  
'132' arrival date/time, estimated  
C R 2380 Date/time/period: (estimated) date/time of arrival  
C R 2379 Date/time/period format qualifier: code '203'  
(CCYYMMDDHHMM)

C O DTM(2)

M R C507 DATE/TIME/PERIOD  
M R 2005 Date/time/period qualifier: code  
'133' departure date/time, estimated  
C R 2380 Date/time/period: (estimated) date/time of departure  
C R 2379 Date/time/period format qualifier: code '203'  
(CCYYMMDDHHMM)

**C X FTX** grp1 FREE TEXT

This segment is not to be used.

M X 4451 -

C X 4453 -

C X C107 -

M X 4441 -

C X 1131 -

C X 3055 -

C X C108 -

M X 4440 -

C X 4440 -

C X 4440 -

C X 4440 -

C X 4440 -

C X 3453 -

\

M R group 2 Party Information  
NAD - CTA

M R NAD grp2 NAME AND ADDRESS

M R 3035 PARTY QUALIFIER: codes  
'CA' carrier  
'CF' container operator  
'SLS' shipping line service  
This code applies to every container mentioned in grp3  
unless in segment NAD (grp3) specified otherwise.

C R C082 PARTY IDENTIFICATION DETAILS  
M R 3039 Party id identification: Carrier, coded  
C R 1131 Code list qualifier: code  
'160' Party ID  
C R 3055 Code list responsible agency, coded: allowed codes  
'20' BIC  
'166' NMFCA/SCAC  
'ZZZ' mutually agreed

C X C058 -  
M X 3124 -  
C X 3124 -  
C X 3124 -  
C X 3124 -  
C X 3124 -

C X C080 -  
M X 3036 -  
C X 3036 -  
C X 3036 -  
C X 3036 -  
C X 3036 -  
C X 3045 -

C X C059 -  
M X 3042 -  
C X 3042 -  
C X 3042 -

C X 3164 -

C X 3229 -

C X 3251 -

C X 3207 -

'

**C X**    **CTA** grp2    CONTACT INFORMATION

This segment is not to be used.

C X    3139    -

C X    C056    -

C X            3413 -

C X            3412 -

\

M R group 3 Container Information  
EQD - RFF - EQN - TMD - DTM - LOC - MEA - DIM - TMP -  
RNG - SEL - FTX - DGS - EQA - grp4 - NAD

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

1. Ordering one container 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)  
FTX segment: commodity description (conditional)

2. 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  
FTX segment: uncon cargo description (mandatory)

```

M      R      EQD grp3      EQUIPMENT DETAILS

      M R 8053      EQUIPMENT QUALIFIER: codes
      'CN' Container
      'BB' Breakbulk
      'SW' Swapbody

      C D C237      EQUIPMENT IDENTIFICATION
C D    8260 Equipment identification number:

      1. Container: container number (contiguous string)

      2. Breakbulk: Leave blank

      3. Otherwise (Ro/Ro, swapbody): the equipment
      identification number

C X    1131 -
C X    3055 -
C X    3207 -

      C D C224      EQUIPMENT SIZE AND TYPE
C D    8155 Equipment size and type identification: ISO size type code
      according to ISO 6346. Leave blank in case of breakbulk.
C D    1131 Code list qualifier: code '102' (size and type)
C D    3055 Code list responsilbe agency, coded: allowed codes
      '5'          ISO
C D    8154 Equipment size and type: Non-ISO SizeType.

C O    8077      EQUIPMENT SUPPLIER CODE: code
      '1' Shipper supplied
      '2' Carrier supplied
      '3' Third party supplied

C O    8249      EQUIPMENT STATUS, CODED: codes
      '1' Continental
      '2' Export
      '3' Import
      '6' Transshipment

      C R 8169      FULL/EMPTY INDICATOR, CODED: codes
      '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  
                               To be used for different reference numbers

M R    C506            REFERENCE  
 M R            1153 Reference qualifier: codes  
                               `BN' booking number  
   `CV' container operator's reference  
   number; to be used for DG reference number  
   according to DG reference number in stowage  
   instructions  
   `AAY'        Carrier's agent reference  
   number  
                               `ABT' Customs declaration number  
                               `EQ' Alternate equipment number: to be used in the event  
   that an alternative equipment number is to be  
   quoted in addition to the number in EQD segment

C R            1154 Reference number  
 C X            1156 -  
 C X            4000 -  
 ,

**C X**    **EQN** grp3    NUMBER OF UNITS

This segment is not to be used

M D    C523

C R            6350 -

C X            6353 -

'



**C O**    **TMD** grp3    TRANSPORT MOVEMENT DETAILS

                  C R C219            MOVEMENT TYPE  
C R            8335 Movement type, coded: available codes:  
                  `2' LCL/LCL (P/P)  
                  `3' FCL/FCL (H/H)  
                  `4' FCL/LCL (H/P)  
                  `5' LCL/FCL (P/H)  
C X            8334 -  
C X    8332       -  
C X    8341       -  
'

**C X**    **DTM** grp3    DATE/TIME/PERIOD

This segment is not to be used.

M R    C507    -  
M R        2005 -  
C R        2380 -  
C R        2379 -  
'

**C R LOC grp3 PLACE/LOCATION IDENTIFICATION**

M R 3227 PLACE/LOCATION QUALIFIER: code '9'  
(operational port of loading)

C R C517 LOCATION IDENTIFICATION

C R 3225 Place/location identification: UN-Locode of POD

C O 1131 Code list qualifier: code '139' (port)

C O 3055 Code list responsible agency, coded: code '6' (UN)

C X 3224 -

C O C519 RELATED LOCATION ONE IDENTIFICATION

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

C R 1131 Code list qualifier: codes  
'BER' berth  
'TER' terminal

C R 3055 Code list responsible agency, coded: code  
'ZZZ' mutually agreed

C X 3222 -

C X C553 -

C X 3233 -

C X 1131 -

C X 3055 -

C X 3232 -

C X 5479 -

'

**C O LOC grp3 PLACE/LOCATION IDENTIFICATION**

M R 3227 PLACE/LOCATION QUALIFIER: code '147'  
(stowage cell)

C R C517 LOCATION IDENTIFICATION

C R 3225 Place/location identification: the location of the cargo  
on the vessel. Following formats are allowed:

- Bay/Row/Tier (BBRRTT): If baynumber is less than 3  
characters the code must be filled up with leading  
zeroes, e.g. 0140682
- Feeder format: Hatch/Tier/Row (HTR)
- Ro/Ro-format: Pad number

C X 1131 -

C O 3055 Code list responsible agency, coded: codes  
'5' ISO format  
'ZZZ' Non-ISO format (bilaterally agreed)

C X 3224 -

C X C519 -

C X 3223 -

C X 1131 -

C X 3055 -

C X 3222 -

C X C553 -

C X 3233 -

C X 1131 -

C X 3055 -

C X 3232 -

C X 5479 -  
,

C O LOC grp3 PLACE/LOCATION IDENTIFICATION

M R 3227 PLACE/LOCATION QUALIFIER: codes  
 '7' place of delivery (final destination)  
 'PDS' place of destination (destination for stowage purposes)

C R C517 LOCATION IDENTIFICATION

C R 3225 Place/location identification: final destination or port  
 code for stowage purposes

C O 1131 Code list qualifier: code '139' (port)

C O 3055 Code list responsible agency, coded: codes  
 '6' UN  
 '9' EAN  
 '12' UIC  
 '112' US Census

C O 3224 Place/Port: free text

C O C519 RELATED LOCATION ONE IDENTIFICATION

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

C R 1131 Code list qualifier: code  
 'BER' berth  
 'TER' terminal

C R 3055 Code list responsible agency, coded: code 'ZZZ' (mutually agreed)

C X 3222 -

C X C553 -

C X 3233 -

C X 1131 -

C X 3055 -

C X 3232 -

C X 5479 -  
,

**C R**    **MEA** grp3    MEASUREMENTS  
  
M R 6311            MEASUREMENT APPLICATION QUALIFIER: code  
          'AAE'    Measurement  
  
C R    C502            MEASUREMENT DETAILS  
C R            6313 Measurement dimension, coded: code  
                  'G'    gross weight  
C X            6321 -  
C X            6155 -  
C X            6154 -  
  
C R C174            VALUE/RANGE  
M R            6411 Measure unit qualifier: code  
                  'KGM'    kilogram  
C R            6314 Measurement value: gross weight in kg (tare weight for  
                  empty containers). Gross weight is the sum of cargo  
                  weight and container (equipment) weight  
C X            6162 -  
C X            6152 -  
C X            6432 -  
  
C X    7383            -  
'

C D DIM grp3 DIMENSIONS  
to be used for out-of-gage containers and for break bulk

M R 6145 DIMENSION QUALIFIER: codes:  
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)  
10 external dimensions (Non-ISO only)

M R C211 DIMENSIONS

M R 6411 Measure unit qualifier: code  
'CMT' centimeter

C D 6168 Length dimension: total length for break bulk, overlength  
for containers

C D 6140 Width dimension: total width for break bulk, overwidth for  
containers

C D 6008 Height dimension: total height for break bulk, overheight  
for containers

,

**C**     **D**     **TMP** grp3                   TEMPERATURE  
to be used for container/cargo which has to be cooled or  
heated

M R 6245           TEMPERATURE QUALIFIER: code  
'2' transport temperature

C R     C239        TEMPERATURE SETTING  
C R           6246 Temperature setting: temperature according to which the  
cargo has to be transported  
C R           6411 Measure unit qualifier: code 'CEL' (Celsius) or 'FAH'  
(Fahrenheit)

**N.B.**    In spite of the given field length of element e6245 (format N3) deci-  
mal marks and negative values preceded by a minus sign can be trans-  
mitted. 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 va-  
lue when computing the maximum field length.  
Tenth degrees have to be separated by a decimal point from full de-  
grees (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 Applica-  
tion Level Syntax Rules', par. 10 'Representation of numeric data  
element values'.

C D    **RNG** grp3    RANGE DETAILS  
                  to be used for container/cargo which has to be cooled or  
                  heated and a temperature range is allowed

      M R 6167        RANGE TYPE QUALIFIER: code  
                  '5' temperature range

C R    C280        RANGE  
M R            6411 Measure unit qualifier: codes  
                  'CEL' centigrade  
                  'FAH' Fahrenheit

C R            6162 Range minimum: minimum temperature according to which the  
                  cargo has to be transported

C R            6152 Range maximum: maximum temperature according to which the  
                  cargo has to be transported

,



```

C O   SEL grp3   SEAL NUMBER

M R   9308       SEAL NUMBER

          C O C215   SEAL ISSUER
C R   9303 Sealing party, coded: available codes:
          `CA` Carrier
          `CU` Customs
          `QA` Quarantine
          `SH` Shipper
          `TO` Terminal operator

C X   1131 -
C X   3055 -
C X   9302 -

C X   4517   -
'

```

C O    **FTX** grp3    FREE TEXT

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

C X    4453       -

C D    C107       TEXT REFERENCE

M R       4441 If 4451= ACF : construction material code

      If 4451= ABS : codes

- 61 Unpacking (LCL delivery)
- 62 Positioning by third party
- 63 To be inspected
- 64 Requires special service
- 65 Requires pre-trip
- 66 Requires steam clean
- 67 Clean
- 68 Dirty
- 69 For unpacking
- 70 Under bond
- 71 Free store
- 72 Customs stop
- 73 Customs stop removed
- 74 Quarantine stop
- 75 Quarantine stop removed
- 76 Storage/other stop
- 77 Storage/other stop removed
- 78 All stops removed
- 79 Set aside for sale
- 80 Sold and awaiting delivery
- 81 Prepared for hides
- 82 Prepared for food quality
- 83 Prepared bulkhead
- 84 Prepared for quarantine inspection
- 85 Pretrip/steamcleaned int reefer
- 86 Pretripped integral reefer
- 87 Steamcleaned insulated
- 88 Steamcleaned general
- 89 Steamcleaned tank
- 90 Surveyed
- 91 Repaired
- 92 Plated
- 93 Prepared for milk powder
- 94 Prepared for rice
- 95 Prepared for cotton
- 96 Prepared for cans
- 97 Prepared for canned fruit
- 98 Prepared for dried fruit
- 99 Prepared for hay
- 100 Prepared with plastic lining
- 101 Prepared with varnished floor
- 102 Clip-on unit required
- 103 Generator required
- 104 Vent open

105 Vent closed  
106 Off-hire on arrival  
107 Do not accept  
109 Cargo claim pending  
110 Return to special port  
111 CSC problem  
112 Redirect elsewhere  
113 Ownership problem  
114 Unit is for sale  
115 For fumigation  
116 Keep from freezing  
117 No temperature setting required  
118 Live reefer

If 4451= DAR : codes

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

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 overstay  
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

C X 1131 -  
 C D 3055 If 4451= ACF : code  
     5 ISO  
     If 4451= ABS or DAR or HAN : code  
     184 Australian chamber of shipping  
  
 C D C108 TEXT LITERAL  
 M D 4440 Free text: Description/Instructions/Remarks in plain lan-  
     guage.  
     To be used only if 4451= AAA or AAI  
  
 C X 4440 -  
 C X 4440 -  
 C X 4440 -  
 C X 4440 -  
  
 C X 3453 -  
 '

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

**C D DGS grp3 DANGEROUS GOODS**  
to be used for dangerous goods containers

C R 8273 DANGEROUS GOODS REGULATIONS, CODED: code  
'IMD' IMO Code

C R C205 HAZARD CODE  
M R 8351 Hazard code identification: IMDG code, e.g. '6.1'  
C O 8078 Hazard substance/item/page number: IMDG code page number  
(english version)  
C O 8092 Hazard code version number

C O C234 UNDG INFORMATION  
C R 7124 UNDG number: 4-digit-UN-number  
C X 7088 -

C D C223 DANGEROUS GOODS SHIPMENT FLASHPOINT  
C R 7106 Dangerous goods flashpoint: the actual flashpoint in cen-  
tigrade or Fahrenheit. For transmitting temperatures  
below zero or tenth degrees refer to remarks under TMP  
segment. If different dangerous goods with different  
flashpoints within one container are to be transported  
only the lowest flashpoint is to be given.

C O 6411 Measure unit qualifier: codes  
'CEL' centigrade  
'FAH' Fahrenheit

C O 8339 PACKING GROUP, CODED: packing group code of  
the hazardous goods; codes  
'1' great danger  
'2' medium danger  
'3' minor danger

C O 8364 EMS NUMBER: emergency schedule number

C O 8410 MFAG: medical first aid guide number

C O 8126 TREM card number

C O C235 HAZARD IDENTIFICATION  
C O 8158 Hazard identification number, upper part  
C O 8186 Substance identification number, lower part

C O C236 DANGEROUS GOODS LABEL  
C O 8246 Dangerous goods label marking (1)  
C O 8246 Dangerous goods label marking (2)  
C O 8246 Dangerous goods label marking (3)

C X 8255 -

C X 8325 -

C X 8211 -

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.

C O    **EQA** grp3    ATTACHED EQUIPMENT  
                  to be used if attached equipment is used

      M R 8053       EQUIPMENT QUALIFIER: codes  
          `AB' Chain  
          `AD' Temperature probe  
          `BL' Blocks  
          `CH' Chassis  
          `CN' Container  
          `FSU' Forked support  
          `LAR' Lashing rope  
          `RG' Reefer generator  
          `RR' Rail wagon  
          `STR' Strap  
          `SW' Swapbody  
          `TE' Trailer  
          `TP' Tarpaulin

C D       C237       EQUIPMENT IDENTIFICATION  
C R       8260 Equipment identification number: number of attached  
                  equipment  
C X       1131 -  
C X       3055 -  
C X       3207 -  
,

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

C O group 4: on-carriage information  
TDT - RFF - LOC - DTM

**M R TDT** grp4 DETAILS OF TRANSPORT

M R 8051 TRANSPORT STAGE QUALIFIER: code  
'30' on-carriage transport

C D 8028 CONVEYANCE REFERENCE NUMBER: vessel operator's loading  
voyage number if mode of on-carriage transport is a ship

C R C220 MODE OF TRANSPORT

C R 8067 Mode of transport, coded: codes  
'1' maritime transport  
'2' rail transport  
'3' road transport  
'4' air  
'8' inland water transport  
'9' mode unknown

C X 8066 -

C O C228 TRANSPORT MEANS

C R 8179 Type of means of transport identification: codes:  
11 ship (feeder vessel / barge)  
13 ocean vessel  
25 rail  
31 truck

C X 8178 -

C D C040 CARRIER  
Either elements 3127/1131/3055 or 3128 to be used

C D 3127 Carrier identification: code of the carrier

C D 1131 Code list qualifier: allowed codes  
'172' carrier code

C D 3055 Code list responsible agency, coded: code  
'20' BIC  
'87' assigned by carrier  
'166' NMFCA/SCAC

C D 3128 Carrier name: 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 -

(.. contd ..)



(.. contd ..)

```

      C D C222      TRANSPORT IDENTIFICATION
                This element group to be transmitted if a code of the
                means of on-carriage is applicable
C R      8213 Id of means of transport identification:
                Radio call sign      if C220/8067=1 and
                C222/1131=103
                Lloyd's number      if C220/8067=1 and C222/1131=146
                Train ID            if C220/8067=2
                Truck ID            if C220/8067=3
                Air service ID      if C220/8067=4
                Barge ID            if C220/8067=8
C D      1131 Code list qualifier: codes
                '103' radio call sign
                '146' Lloyd's register of ships
C X      3055 -
C X      8212 -
C X      8453 -

C X      8281      -
'
```

<b>C</b>	<b>D</b>	<b>RFF</b> grp4	REFERENCE
			Voyage number to be sent if different from vessel operator's voyage number in TDT (grp4)
		M R C506	REFERENCE
M R		1153	Reference qualifier: code 'VON' voyage number
C R		1154	Reference number: alternative discharge voyage number
C X		1156	-
C X		4000	-
		'	

**C O    LOC**    grp4 PLACE/LOCATION IDENTIFICATION

      M R 3227        PLACE/LOCATION QUALIFIER: codes  
          '7'        place of delivery  
          'PDS'     place of destination (for stowage purposes)

      C R C517        LOCATION IDENTIFICATION

C R        3225 Place/location identification: location code

C X        1131 -

C O        3055 Code list responsible agency, coded: codes

          '6'        UN

          '9'        EAN

          '112'     US Census

C X        3224 -

C X        C519        -

C X        3223 -

C X        1131 -

C X        3055 -

C X        3222 -

C X        C553        -

C X        3233 -

C X        1131 -

C X        3055 -

C X        3232 -

C X        5479        -

'

```

C O   DTM grp4   DATE/TIME/PERIOD

      M R C507   DATE/TIME/PERIOD
M R   2005 Date/time/period qualifier: code
      '133' departure date/time, estimated
C R   2380 Date/time/period: (estimated) date/time of on-carriage of
      the container from the terminal
C R   2379 Date/time/period format qualifier: code
      '203' CCYYMMDDHHMM
,

```

**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

**M R**    3035        PARTY QUALIFIER: code  
         'CF' container operator

**C R**    C082        PARTY IDENTIFICATION DETAILS  
**M R**        3039 Party id identification: party responsible for the carriage  
            of the goods and/or equipment  
**C R**        1131 Code list qualifier: code  
            '160' Party ID  
**C R**        3055 Code list responsible agency, coded: codes  
            '20' BIC  
            '166' SCAC  
            'ZZZ' mutually agreed

**C X**    C058        -  
**M X**        3124 -  
**C X**        3124 -  
**C X**        3124 -  
**C X**        3124 -  
**C X**        3124 -

**C X**    C080        -  
**M X**        3036 -  
**C X**        3036 -  
**C X**        3036 -  
**C X**        3036 -  
**C X**        3036 -

**C X**    C059        -  
**M X**        3042 -  
**C X**        3042 -  
**C X**        3042 -

**C X**    3164        -  
**C X**    3229        -  
**C X**    3251        -  
**C X**    3207        -  
,

<b>M R</b>	<b>CNT</b>	<b>CONTROL TOTAL</b>
M R	C270	CONTROL
M R	6069	Control qualifier: codes
		'1' dummy value
		'16' total number of equipment
M R	6066	Control value:
		'1' dummy value if 6069=1
		Number of equipment if 6069=16
C X	6411	-
,		

<b>M R</b>	<b>UNT</b>	MESSAGE TRAILER
M R	0074	Number of segments in a message: including UNH and UNT segments, but excluding UNA, UNB and UNZ segments
M R	0062	Message reference number: this reference must be identical to the reference in UNH 0062
,		

**M R UNZ** INTERCHANGE TRAILER

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

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

,



## 3.2 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: Discharge order for one overheight and one reefer container

```

UNB+UNOA:2+DEHAMHLOFEPLAN+DEHAMHHLBUKAI1+950725:1122+1'
      UNH+2+COPRAR:D:95B:UN:ITG12'
      Header information
      BGM+43+19950000003+9'
      COPRAR discharge
      order
      RFF+XXX:1'
      dummy
TDT+20+345+1++HLC:172:20+++DHEE:103::ESSEN XPR' Vessel/voyage
      LOC+11+DEHAM:139:6+BK6:BER:ZZZ'
      Port and berth of discharge
      DTM+132:199507252000:203'
      ETA
      DTM+133:199507260830:203'
      ETD
      NAD+CA+HLC:160:20'
      Carrier
      EQD+CN+HLCU2603437+2250:102:5+++5'
      1st container
      RFF+BN:0102000'
      Booking
      number
      TMD+33'
      pier/pier
      LOC+9+SGSIN:139:6'
      POL Singapore
      LOC+147+0330406'
      Stowage cell
      onboard
      MEA+WT+G+KGM:11490'
      Gross weight
      DIM+9+CMT:::55'
      55 cm overheight
      SEL+6789+CU'
      Customs's
      seal number
      FTX+AAA+++MACHINE PARTS'
      Commodity
TDT+30+3333+1+11+UNI:172:87+++DIGB:103' On-carriage: feeder ship
      LOC+7+DKCPH:139:6'
      Final destination
      Copenhagen
      DTM+133:199507261100:203'
      To be delivered
      tomorrow
      EQD+CN+ICSU5306315+2230:102:5+++
      +5'
      2nd container
  
```

	RFF+BN:0103000'	Booking
	number	
	TMD+11'	house/house
	LOC+9+SGSIN:139:6'	POL Singapore
	LOC+147+0330404'	Stowage cell onboard
	MEA+WT+G+KGM:8300'	Gross weight
	TMP+2+-18.5:CEL'	Transport
	temperature	
	Commodity	
FTX+AAA+++FROZEN FISH'	TDT+30+++3+31'	On-carri
	age: truck	
	LOC+7+DEKEL::6'	Final
	destination Kiel	
	Container operator	
NAD+CF+NYK:160:20'	CNT+1:1'	dummy
	UNT+33+2'	Referen
	ce to UNH	
	UNZ+1+1'	Reference to
	UNB	

Example #2: Discharge order for two break bulk pieces where piece #1 is stowed on two platforms and piece #2 is stowed without supporting equipment

```

UNB+UNOA:2+DEHAMTCSSTCENT+DEHAMHHLBUKAI1+950725:1122+1'
UNH+2+COPRAR:D:95B:UN:ITG12'
Header information
BGM+43+19950000004+9'
COPRAR discharge
order
RFF+XXX:1'
dummy
TDT+20+4444+1++BSC:172:20+++UJDB:103'
Vessel
LOC+11+DEHAM:139:6'
Port of
discharge
DTM+132:199507252000:203'
ETA
DTM+133:199507260830:203'
ETD
NAD+CA+BCL:160:20'
Carrier
EQU+BB+++++5'
1st
uncon piece
RFF+BN:121212'
Booking
number
TMD+11'
house/house
LOC+9+SGSIN:139:6'
POL Singapore
LOC+147+0090482'
1st stowage
cell onboard
LOC+147+0090682'
2nd stowage
cell onboard
MEA+WT+G+KGM:18450'
Gross weight
DIM+1+CMT:550:345:166'
Uncon dimensions
FTX+AAA+++CRANE WHEELS'
Commodity
EQA+CN+MMMU0059663'
1st platform
EQA+CN+MMMU0110385'
2nd platform
TDT+30++2+25'
On-carri
age: railway
LOC+7+DEMUC::6'
Final
destination Munich
DTM+133:199507290000:203'
To be delivered in 4 days

```

EQD+BB+++++5'	2nd
uncon piece	
RFF+BN:232323'	Booking
number	
TMD+11'	
LOC+9+HKHKG:139:6'	house/house
Hongkong	POL
LOC+147+0010182'	
cell onboard	1st stowage
LOC+147+0030182'	
cell onboard	2nd stowage
LOC+147+0050182'	
cell onboard	3rd stowage
MEA+WT+G+KGM:21100'	
DIM+1+CMT:930:280:485'	Gross weight
FTX+AAA+++YACHT'	Uncon dimensions
CNT+1:1'	Commodity
UNT+34+2'	dummy
ce to UNH	Referen
UNZ+1+1'	
UNB	Reference to

#### 4. Message Structure

Pos	Tag Name	S	R
0010	UNH Message header	M	1
0020	BGM Beginning of message	M	1
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	1
0350	CNT Control total	M	1
0360	UNT Message trailer	M	1