

COARRI

Container discharge/loading report message

User manual
Version 1.2

Message type: COARRI
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 report message (COARRI)**, based on the D95B directory.

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

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

This user guide is based on the **Principles and rules for the implementation of transport EDI messages**, issued by ITIGG 07/96.

Every segment and data element is preceeded in this manual by its status
C onditional

M andator

and its usage indicator

- 'R' required or
- 'D' dependent or
- 'O' optional 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 COARRI message always contains the discharge/loading report. In case a previous message is to be replaced, changed, or deleted this has to be qualified in the BGM segment.

1.1 Functional Definition

A message to report to the shipowners/liner agents that containers or other equipment specified has been discharged from a seagoing vessel or has been 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.

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

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

The COARRI message as discharge report can also include information relating to transshipment (= import of transshipment containers): on the same terminal containers have been discharged from vessel X for loading into vessel Y.

2 Loading report

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 YYMMDD).
M R 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 'COARRI'.

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 '270' loading report

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 acknowledgment 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' 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 -

,

M O RFF REFERENCE

M R C506 REFERENCE

M R 1153 Reference qualifier: code
'ACW' reference number to previous message (see note in BGM
segment)

C R 1154 Reference number: the document/message number (BGM 1004) of a
previous message

C X 1156 -

C X 4000 -

'

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

M R TDT grp1 DETAILS OF TRANSPORT

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

C D 8028 CONVEYANCEREFERENCENUMBER: the vessel operator's loading 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: 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. 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 -

'

C O RFF grp1 REFERENCE

This segment is to be used in case the receiver'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 -

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C O DTM grp1 DATE/TIME/PERIOD

C O DTM(1)

C 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' (CCYMMDDHHMM)

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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' (CCYMMDDHHMM)

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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: 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 -
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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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Container Information

*EQD - RFF - TMD - DTM - LOC - MEA - DIM - TMP - RNG - SEL - FTX
- DGS - EQA - PIA - grp4 - grp5 - NAD*

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

1. Reporting 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)
 - FTX segment: commodity description (conditional)
 - EQA segment: only to be used for special equipment (reefer generator, trailer)

2. Reporting uncontainerised cargo:
 - EQD 8053: qualifier 'BB'
 - EQD C237: not to be used
 - EQD C224: not to be used
 - FTX segment: uncon cargo description (mandatory)
 - EQA segment: to be used for supporting equipment (e.g. flat-tracks, 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. Otherwise (Ro/Ro, swapbody): the equipment ID 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.

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

C D 3055 Code list responsilbe 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
'5' Shifter (Restow)
'6' Transshipment
'12' shortlanded
'13' overlanded

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.

N.B. The use of 8249 code '5' (Shifter/Restow) has to be agreed between partners.

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
- 'ANN' Transport equipment announcement number
- 'SQ' Sequence number: to be used if more than one empty
container of the same type was ordered
- 'EQ' Alternate equipment number: being used in the
event that an alternative equipment number has been
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 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 -

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C O DTM grp3 DATE/TIME/PERIOD

M R C507 DATE/TIME/PERIOD

M R 2005 Date/time/period qualifier: code
'203' Execution date

C R 2380 Date/time/period: container loading date/time

C R 2379 Date/time/period format qualifier: code
'203' CCYYMMDDHHMM

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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 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 -

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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

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 -

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(.. contd ..)

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: 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 O C519 -
C O 3223 -
C O 1131 -
C O 3055 -
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
`T' tare weight
`MW' maximum weight: to be used for CSC maximum gross weight
container

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 -

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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 (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 been transported

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

N.B. In spite 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
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 been transported

C R 6152 Range maximum: maximum temperature according to which the cargo has been 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 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
R Put aside for repair
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 language.
 To be used only if 4451='AAA' or 'AAI'

C X 4440 -
C X 4440 -
C X 4440 -
C X 4440 -

C X 3453 -
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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 O C223 DANGEROUS GOODS SHIPMENT FLASHPOINT

C R 7106 Dangerous goods flashpoint: the actual flashpoint in centigrade
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' Celsius
'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 are to be applied:

1. In DGS only elements 8273 and 8351 are 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 -

,

C X PIA grp3 ADDITIONAL PRODUCT ID
 This segment is not to be used.

M X 4347 -

M X C212 -

C X 7140 -

C X 7143 -

C X 1131 -

C X 3055 -

`

Group 3 continues with NAD segment after eventual occurrence of group 4/5!

C O group 4: *damage details*
DAM - COD

The damage group must be transmitted whenever there is damage to the equipment. This group is related to the damage remarks (qualifier 'DAR') in FTX grp3.

C R DAM grp4 DAMAGE
Function: To specify damage.

M R 7493 DAMAGE DETAILS QUALIFIER, code
'1' equipment damage

C R C821 TYPE OF DAMAGE

C R 7501 Type of damage (coded as per ISO 9897, Annex D)

C X 1131 -

C X 3055 -

C O 7500 Type of damage: free text

C R C822 DAMAGE AREA

C R 7503 Damage area identification, coded as per ISO 9897, Annex C)

C X 1131 -

C X 3055 -

C O 7502 Damage area: free text

C X C825 -

C X 7509 -

C X 1131 -

C X 3055 -

C X 7508 -

C X C826 -

C X 1229 -

C X 1131 -

C X 3055 -

C X 1228 -

,

C X COD grp4 COMPONENT DETAILS
This segment is not to be used

C X C823 -
C X 7505 -
C X 1131 -
C X 3055 -
C X 7504 -

C X C824 -
C X 7507 -
C X 1131 -
C X 3055 -
C X 7506 -
,

C O group 5: pre-carriage information
TDT - LOC - DTM

M R TDT grp5 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 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
'ZZZ' mutually agreed

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 pre-carriage is applicable

C R 8213 Id of means of transport identification:

Radio call signif 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 R 1131 Code list qualifier: codes

'103' radio call sign

'146' Lloyd's register of shipping

C X 3055 -

C X 8212 -

C X 8453 -

C X 8281 -

,

C O LOC grp5 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 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 grp5 DATE/TIME/PERIOD

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: date/time of delivery of the container to 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' 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 C059 -

M X 3042 -

C X 3042 -

C X 3042 -

C X 3164 -

C X 3229 -

C X 3251 -

C X 3207 -
,

M R CNT 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 -
,

M R UNT 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

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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

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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 report for one standard and one DG container

UNB+UNOA:2+DEHAMHLOFEPLAN+DEHAMHHLBUKAI1+950725:1122+1'	Header information
UNH+2+COARRI:D:95B:UN:ITG12'	BGM+270+19950000003+9'
	COARRI loading report
TDT+20+4321+1++HLC:172:20+++DHEE:103::ESSEN XPR' Vessel	Port and berth of loading
LOC+9+DEHAM:139:6+BK8:BER:ZZZ'	Arrival date/time
DTM+132:199507252000:203'	Carrier
NAD+CA+HLC:160:20'	
	EQD+CN+HLCU2389855+2200:102:5+++5'
	1st container
RFF+BN:0102000'	Booking number
TMD+11'	house/house
DTM+203:199507252210:203'	Loading date/time
LOC+11+SGSIN:139:6'	POD Singapore
LOC+7+THBKK:139:6'	Final destination Bangkok
	LOC+147+0340210:::5'
	Stowage position
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:ZZZ: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'	Booking 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 22:146'	Pre-carriage: truck
LOC+5+DEKEL:::6'	Place of departure Kiel
DTM+132:199507252200:203'	ETA
NAD+CF+NYK:160:20'	Container operator
CNT+1:1'	dummy
UNT+33+2'	Reference to UNH
UNZ+1+1'	Reference to UNB

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

UNB+UNOA:2+DEHAMTCSSTCENT+DEHAMHHLBUKAI1+950725:1122+1'	
UNH+2+COARRI:D:95B:UN:ITG12'	Header information
BGM+270+19950000004+9'	COARRI loading report
TDT+20+4444+1++BSC:172:20+++UJDB:103:'	Vessel
RFF+VON+3333'	Alternative voyage number
LOC+9+DEHAM:139:6'	Port of loading
DTM+132:199507252000:203'	Arrival date/time
DTM+133:199507260830:203'	Departure date/time
NAD+CA+BCL:160:20'	Carrier

EQD+BB+++++5'	1st uncon piece
RFF+BN:121212'	Booking number
TMD+11'	house/house
DTM+203:199507252308:203'	Loading date/time
LOC+11+SGSIN:139:6'	POD Singapore
LOC+7+THBKK:139:6'	Final destination Bangkok
LOC+147+0340210::5'	Stowage position
MEA+WT+G+KGM:29250'	Gross weight
DIM+1+CMT:550:125:166'	Uncon dimensions
FTX+AAA+++CRANE WHEELS'	Commodity
EQA+CN+MMMU0059663'	platform
TDT+10++2+25'	Pre-carriage: railway
LOC+5+DEMUC::6'	Place of origin Munich
DTM+132:199507221123:203'	Arrival date/time

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
DIM+1+CMT:930:280:485'	Uncon dimensions
FTX+AAA+++YACHT'	Commodity
CNT+1:1'	dummy
UNT+30+2'	Reference to UNH
UNZ+1+1'	Reference to UNB

3 Discharge report

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.

C X 0007 -
C X 0014 -

M R S004
M R 0017 Date of preparation: preparation date of the message
(format YYYYDD).
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 sen-
der, uniquely identifying the message. This reference must also
be transmitted in the UNT segment.

M R S009
M R 0065 Message type identifier: always 'COARRI'.
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'.

(.. contd ..)

(.. contd ..)

	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 '98' Arrival information
(A DMR for a 'Discharge Report' code has been put forward; the new code should be used once it is incorporated in the UN code list)

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 acknowledgment required

N.B. If in element 1225 the code values 2,3,4 or 4 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, CODED: 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 -

M O RFF REFERENCE

M R C506 REFERENCE
M R 1153 Reference qualifier: code
'ACW' reference number to previous message (see note in BGM
segment)
C R 1154 Reference number: the document/message number (BGM
1004) of a previous message
C X 1156 -
C X 4000 -

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

M R TDT grp1DETAILS OF TRANSPORT

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

C D 8028 CONVEYANCE REFERENCE NUMBER: the vessel operator's discharge voyage number.

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: 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. 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 -

C X RFF grp1REFERENCE

This segment is to be used in case the receiver'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 -

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C	R	LOC grp1PLACE/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 grp1DATE/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)

M R group 2 Party Information
 NAD - CTA

M R NAD grp2NAME 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 grp2CONTACT 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 - TMD - DTM - LOC - MEA - DIM - TMP - RNG - SEL - FTX
- DGS - EQA - PIA - grp4 - grp5 - 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. Reporting 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)
 - FTX segment: commodity description (conditional)
 - EQA segment: only to be used for special equipment (e.g. reefer generator, trailer)

2. Reporting uncontainerised cargo:
 - EQD 8053: qualifier 'BB'
 - EQD C237: not to be used
 - EQD C224: not to be used
 - FTX segment: uncon cargo description (mandatory)

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

M	R	EQD grp3EQUIPMENT 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 (continuous 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: codes '1' Shipper supplied '2' Carrier supplied '3' Third party supplied
C	O	8249 EQUIPMENT STATUS, CODED: codes '1' Continental '2' Export '3' Import '5' Shifter (Restow) '6' Transshipment '12' shortlanded '13' overlanded
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.

N.B. The use of 8249 code '5' (Shifter/Restow) has to be agreed between partners.

C	O	RFF grp3REFERENCE
		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
		'ANN' Transport equipment announcement number
		'EQ' Alternate equipment number: to be used in the event that
		an alternative equipment number being quoted in addition
		to the number in EQD segment
C	R	1154 Reference number
C	X	1156 -
C	X	4000 -

C O TMD grp3TRANSPORT 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 O DTM grp3DATE/TIME/PERIOD

M R C507 DATE/TIME/PERIOD

M R 2005 Date/time/period qualifier: code
'203' Execution date

C R 2380 Date/time/period: container discharge date/time

C R 2379 Date/time/period format qualifier: code
'203' CCYYMMDDHHMM

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C	R	LOC grp3PLACE/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 POL
	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 grp3PLACE/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 (BBBRRTT): 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: 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	R	MEA grp3MEASUREMENTS
M	R	6311 MEASUREMENT APPLICATION QUALIFIER: code 'AAE' Measurement
C	R	C502 MEASUREMENT DETAILS
	C	R 6313 Measurement dimension, coded: codes 'G' gross weight 'T' tare weight 'MW' maximum weight: to be used for CSC maximum gross weight container
	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 grp3DIMENSIONS
 To be used for out-of-gage containers and for break bulk

M R 6145 DIMENSION QUALIFIER: codes:
 `1' gross dimension (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 grp3TEMPERATURE 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 been transported
	C	R 6411 Measure unit qualifier: codes 'CEL' Celsius 'FAH' Fahrenheit

N.B. In spite 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** grp3RANGE 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 R 6411 Measure unit qualifier: codes
 'CEL' Celsius
 'FAH' Fahrenheit

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

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

```

C   O   SEL grp3SEAL NUMBER
M   R   9308 SEAL NUMBER
C   O   C215 SEAL ISSUER
C   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 grp3FREE 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
 `CSC` CSC information

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 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
 R Put aside for repair

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:
 if 4451='AAA' or 'AAI': Description/Instructions/Remarks in
 plain language
 If 4451='CSC':
 Either CSC re-inspection date in the form YYYY
 Or 'ACEP' (in case there is an acceptance sticker)
 Or 'NDAT' (to be used in all other cases)

 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 grp3DANGEROUS 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	O	C223 DANGEROUS GOODS SHIPMENT FLASHPOINT
	C	R 7106 Dangerous goods flashpoint: the actual flashpoint in centigrade 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' Celsius '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 are to be applied:

1. In DGS only elements 8273 and 8351 are to be used.
2. Subsidiary risk should be shown in segment FTX.

C O EQA grp3ATTACHED 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 R C237 EQUIPMENT IDENTIFICATION
C R 8260 Equipment identification number: number of attached equipment
C X 1131 -
C X 3055 -
C X 3207 -

C X PIA grp3 ADDITIONAL PRODUCT ID
This segment is not to be used.

M X 4347 -

M X C212 -

C X 7140 -

C X 7143 -

C X 1131 -

C X 3055 -

Group 3 continues with NAD segment after eventual occurrence of group 4/5!

C O group 4: *damage details*
DAM - COD

The damage group must be transmitted whenever there is damage to the equipment. This group is related to the damage remarks (qualifier 'DAR') in FTX grp3.

C R DAM grp4 DAMAGE
Function: To specify damage.

M R 7493 DAMAGE DETAILS QUALIFIER, code
'1' equipment damage

C R C821 TYPE OF DAMAGE

C R 7501 Type of damage (coded as per ISO 9897, Annex D)

C X 1131 -

C X 3055 -

C O 7500 Type of damage: free text

C R C822 DAMAGE AREA

C R 7503 Damage area identification, coded as per ISO 9897, Annex C)

C X 1131 -

C X 3055 -

C O 7502 Damage area: free text

C X C825 -

C X 7509 -

C X 1131 -

C X 3055 -

C X 7508 -

C X C826 -

C X 1229 -

C X 1131 -

C X 3055 -

C X 1228 -

,

C X COD grp4 COMPONENT DETAILS
This segment is not to be used

C X C823 -
C X 7505 -
C X 1131 -
C X 3055 -
C X 7504 -

C X C824 -
C X 7507 -
C X 1131 -
C X 3055 -
C X 7506 -
,

C O *group 5:on-carriage information*
TDT - LOC - DTM

M R TDT grp5DETAILS 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 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 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
'ZZZ' mutually agreed
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 signif 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	R	1131 Code list qualifier: codes
		'103' radio call sign
		'146' Lloyd's register of shipping
C	X	3055 -
C	X	8212 -
C	X	8453 -
C	X	8281 -

C	O	LOC	grp5	PLACE/LOCATION IDENTIFICATION
M	R	3227		PLACE/LOCATION QUALIFIER: code
		'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: 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 grp5DATE/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: 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 grp3NAME 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	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 -

	M	R	CNT	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	-

M R UNT 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 report for one overheight and one reefer container

```

UNB+UNOA:2+DEHAMHLOFEPLAN+DEHAMHHLBUKAI1+950725:1122+1'
      UNH+2+COARRI:D:95B:UN:ITG12'
      Header information
      BGM+98+19950000003+9'

      COARRI
      dischar
      ge
      report

TDT+20++1++HLC:172:20+++DHEE:103::ESSEN XPR' Vessel
      LOC+11+DEHAM:139:6+BK6:BER:ZZZ'
      Port and berth of discharge
      DTM+132:199507252000:203'
      Arrival date/time
      DTM+133:199507260830:203'
      Departure date/time
      NAD+CA+HLC:160:20'
      Carrier

      EQD+CN+HLCU2603437+2250:102:5+++5'
      1st container
      RFF+BN:0102000'
      Booking
      number
      DTM+203:199507252359:203'
      Discharge date/time
      LOC+9+SGSIN:139:6'
      POL Singapore
      LOC+147+0330406::5'
      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:ZZZ:87+++DIGB:103' On-carriage: feeder ship
      LOC+7+DKCPH:139:6'
      Final destination
      Copenhagen
      DTM+133:199507261100:203'
      Delivery information

      EQD+CN+ICSU5306315+2230:102:5+++5'
      2nd container
  
```

	RFF+BN:0103000'	Booking
	number	
	TMD+11'	house/house
DTM+203:199507252359:203'	Discharge date/time	
	LOC+9+SGSIN:139:6'	POL Singapore
	LOC+147+0330404::5'	Stowage cell
	onboard	
	MEA+WT+G+KGM:8300'	Gross weight
	TMP+2+-18.5:CEL'	Transport
	temperature	
	FTX+AAA+++FROZEN FISH'	Commodity
	TDT+30++3+31'	
	On-carriage: truck	
	LOC+7+DEKEL::6'	Final
	destination Kiel	
	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: Discharge report 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+COARRI:D:95B:UN:ITG12'
                                    Header information
BGM+98+19950000004+9'
                                COARRI discharge
                                report
TDT+20+4444+1++BSC:172:20+++UJDB:103'
                                Vessel
                                LOC+11+DEHAM:139:6'
                                    Port of
                                discharge
                                DTM+132:199507252000:203'
                                    Arrival date/time
                                DTM+133:199507260830:203'
                                    Departure date/time
                                NAD+CA+BCL:160:20'
                                    Carrier

                                EQD+BB+++++5'
                                    1st uncon
                                piece
                                RFF+BN:121212'
                                    Booking
                                number
                                TMD+11'
                                    house/house
                                LOC+9+SGSIN:139:6'
                                    POL Singapore
                                LOC+147+0090482::5'
                                    1st stowage
                                cell onboard
                                LOC+147+0090682::5'
                                    2nd stowage
                                cell onboard
                                MEA+WT+G+KGM:18450'
                                    Grossweight
                                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-carriage: railway
                                LOC+7+DEMUC'
                                    Final
                                destination Munich
                                DTM+133:199507290000:203'
                                    Delivery information

                                EQD+BB+++++5'
                                    2nd uncon
                                piece

```

	RFF+BN:232323'	Booking
	number	
	TMD+11'	house/house
DTM+203:199507260444:203'	Discharge date/time	
	LOC+9+HKHKG:139:6'	
		POL Hongkong
	LOC+147+0010182::5'	1st stowage
	cell onboard	
	LOC+147+0030182::5'	2nd stowage
	cell onboard	
	LOC+147+0050182::5'	3rd stowage
	cell onboard	
	MEA+WT+G+KGM:21100'	Gross weight
	DIM+1+CMT:930:280:485'	Uncon dimensions
	FTX+AAA+++YACHT'	Commodity
	CNT+1:1'	Dummy
	UNT+34+2'	Reference to UNH
	UNZ+1+1'	Reference to
	UNB	

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	C	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	Segment group 2	M	9
0110	NAD Name and address	M	1
0120	CTA Contact information	C	9
0130	Segment group 3	M	9999
0140	EQD Equipment details	M	1
0150	RFF Reference	C	9
0160	TMD Transport movement details	C	9
0170	DTM Date/time/period	C	9
0180	LOC Place/location identification	C	9
0190	MEA Measurements	C	9
0200	DIM Dimensions	C	9
0210	TMP Temperature	C	9
0220	RNG Range details	C	9
0230	SEL Seal number	C	9
0240	FTX Free text	C	9
0250	DGS Dangerous goods	C	9
0260	EQA Attached equipment	C	9
0270	PIA Additional product id	C	9
0280	Segment group 4	C	9
0290	DAM Damage	M	1
0300	COD Component details	C	1
0310	Segment group 5	C	1
0320	TDT Details of transport	M	1
0330	LOC Place/location identification	C	9
0340	DTM Date/time/period	C	9
0350	NAD Name and address	C	1
0360	CNT Control total	M	1
0370	UNT Message trailer	M	1