USER MANUAL
(IMPLEMENTATION GUIDE)

UN/EDIFACT STOWAGE MESSAGE

MOVINS
For
Rail

Version 0.1

DRAFT VERSION

THIS MANUAL IS INTENDED TO BE STUDIED AND DISCUSSED BY SMDG MEMBERS.

USE OF THIS MANUAL IS ENTIRELY AT YOUR OWN RISK.

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CONTENTS

0. INTRODUCTION ........................................ iii
1. ADDRESSES ........................................ iv
2. GENERAL ............................................. v
3. VERSIONS .......................................... vii
4. DESCRIPTION ........................................ 1
5. SPECIAL USER GUIDELINES ........................... 35
6. EXAMPLES .......................................... 36
7. EXAMPLE MESSAGES .................................. 47
8. MESSAGE STRUCTURE DIAGRAM ..................... 49
9. SEGMENT DIRECTORY ................................. 51
10. SMDG EDI-UNDERSTANDING ....................... 61
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0. INTRODUCTION

The instructions are valid for the "UN/EDIFACT UNITED NATIONS STANDARD MESSAGE (UNSM) DRAFT STOWAGE INSTRUCTION MESSAGE" (mnemonic MOVINS), as designed by the SMDG (User Group for Shipping Lines and Container Terminals).

The instructions in this manual are valid for transport of containers by RAIL. This manual is intended for use by terminal operators, rail operators, etc.

This "User Manual" (or "Implementation Guide") version 0.1 was developed in 2008 and 2009 by the User Group for Shipping Lines and Container Terminals SMDG.

The SMDG is a "Pan European User Group" under the auspices of the Western European Edifact Board (WEEB).

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1. ADDRESSES

Any remarks, comments or questions can be addressed to the following address:

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or to any active member of the SMDG.
2. GENERAL

The EDIFACT Stowage instruction "MOVINS" will be used to transmit the train composition information about Rail loading activities on a specified train from the operator or owner of the train to any party involved with the operation on this train at a certain place.

The Principle

The handling instructions given in the "MOVINS" message will apply to the information available in the planning system of the terminal. The details of the train, like train id, wagon numbers and container position numbers on the wagon, should be known by the planning system of the terminal.

This message is to be transmitted in general from the operator/owner of a MoT or a stowage centre to e.g. the Rail-terminal operator in the receiving terminal. Generally, information transmitted in a "MOVINS" message applies to the data previously received in a "BAPLIE" message. The results of the operation optionally will be reflected in a new BAPLIE message.

The receiver of this message is able and may extract information from the message and incorporate respectively build up a new Bayplan message "BAPLIE" as the message structure of "MOVINS" is based on the "BAPLIE" message. The sequence of related segments such as DTM, RFF, NAD followed by segments TDT/LOC/DTM of group 1, is the same as in the "BAPLIE" message.

Conventions

In this document a data element will be identified by the lowercase letter "e" followed by its element number (example: e8053). A data element within a composite will be identified by the lowercase letter "c" followed by the composite number followed by a full stop "." followed by the lowercase letter "e" followed by the element number (example: c237.e8260).

Immediately below the segment tags and data element identification the usage of same will be mentioned as follows:

'M' = mandatory: The segment or data element is mandatory and must be given.
'R' = required: The segment or data element is conditional but MUST be used anyway.
'D' = dependent: The segment or data element is conditional and its use depends on some condition. This condition must be clarified in the description.
'A' = recommended: The segment or data element is conditional and its use is recommended.
'O' = optional: The segment or data element is conditional and its use is optional at the discretion of the sender.
'X' = not used: The segment must not be used.

Next to the usage indicator the official format of the field will be given, i.e. a4 or an..15. The description may further limit the format of the field, i.e. a field with a format an..17 may be limited to an12 by its description.

If composites or data-elements are repeated within a segment, respectively a composite, the occurrences of the composites or data-elements can be indicated by its sequence number within the segment or composite between brackets, e.g. "(1)" being the first occurrence of the composite or data-element within the segment. If its occurrence within the segment or composite is of no relevance then the sequence number will not be mentioned. If the sequence numbers are mentioned, but not all of them (e.g. only 2 out of 5 occurrences are described), then the remaining occurrences may NOT be used, unless agreed otherwise between partners.

Data elements within the segments that are not mentioned here will not be used,
resp. should not contain important information, since they will probably not be seen by the recipient, unless agreed otherwise.

SMDG recommends to use only data elements, qualifiers and codes described in this manual. If partners agree to use additional data elements, qualifiers and codes, not described in this manual, then specific and detailed agreement about those data elements, qualifiers and codes should be made!

Optional data elements may be omitted, unless specifically made compulsory by this manual (Indicator "R" = required), or unless agreed otherwise between partners.

In no case neither mandatory segments according to the Stowage Message Documentation "MOVINS" nor mandatory composites or data elements according to the relevant Segment Directory may be omitted.
3. VERSIONS

Data elements, composites and segments of the UN/Edifact draft directory D.95B are used in this manual.

Codes and qualifiers used, are according to UN/EDIFACT Directory D.95B Code List.

In some occasions, however, the required code or qualifier could not be found in the code list. In such cases a temporary code was assigned, awaiting the final code allocation from the UN/Edifact Board Code commission.

Also in some cases small amendments to the message structure were necessary. This manual anticipates on the approval of the respective CR (Change Request) or DMR (Data Maintenance Request) by the UN/Edifact Board. The structure of the message, as given in chapter 7, was agreed as such by the members of SMDG and will be implemented accordingly.

The Movins implementation guideline for container vessels, version 2.0.4, has been used as a template for this guideline for rail.
4. DESCRIPTION

UNB (M1) INTERCHANGE HEADER

+ s001.e0001 Syntax Identifier: Always "UNOA", indicating the use (M a4) of level "A" character set.
  :
  s001.e0002 Syntax Version Number: Always "1". (M a1)
  + s002.e0004 Sender Identification: Name code of the sender of the (M an..35) interchange (message). To be agreed between partners.
  + s003.e0010 Recipient Identification: Name code of the recipient of (M an..35) the interchange (message). To be agreed between partners.
  + s004.e0017 Date of preparation: Preparation date of the interchange (M n6) (message).
  :
  s004.e0019 Time of preparation: Preparation time of the interchange (M n4) (message).
  +
  +
e0020 Interchange control reference: A reference allocated by (M an..14) the sender, uniquely identifying an interchange. This reference must also be transmitted in the Interchange Trailer segment UNZ.
  +
  +
  +
  +
e0032 Communications Agreement Id: A code identifying the (A an..35) shipping line of the vessel (BIC, SCAC or mutually agreed). N.B. This code enables proper routing of the message by the recipient.
UNH (M1) MESSAGE HEADER

+ e0062 (M an..14) Message reference number: A reference allocated by the sender, uniquely identifying a message. This reference must also be transmitted in the Message Trailer segment UNT.

+ s009.e0065 (M an..6) Message Type Identifier: The name of the UNSM or standard EDIFACT message. In this case always "MOVINS".

: s009.e0052 (M an..3) Message Type Version Number: The version number of the message. See EDIFACT documentation. At this moment the version is "D".

: s009.e0054 (M an..3) Message Type Release Number: The release number of the message. See EDIFACT documentation. At this moment the release number is "95B".

: s009.e0051 (M an..2) Controlling Agency: The code of the controlling agency. For this message the controlling agency is "UN".

: s009.e0057 (R an..6) Association Assigned Code: The applicable SMDG User Manual version number. For this manual always: "SMDG20". This will enable the recipient of the message to translate the message correctly, even if older versions are still in use.
BGM (M1) BEGINNING OF MESSAGE

+ c002.e1001 Document/Message Name, coded. Code indicating which type of MOVINS this concerns. Allowed code: 650 = Handling order (Rail Transport).

Note: A similar code will be added to the User Guide for MOVINS for container vessels in order to align this data element with each other.

Important warning: If this data element remains empty the recipient of the message may erroneously decide that the message is a MOVINS for container vessels and not for rail!

+ e1004 Document/Message Number: Reference allocated by the sender individually, taken from the application.

+ e1225 Message Function, Coded: Code indicating the function of the message. Acceptable codes are:

"2" = Add. Add to previous message.
"3" = Delete. Delete from previous message.
"4" = Change. Message with changes on previous message.
"5" = Replace. Message replacing a previous one.
"9" = Original. First or basic message.
"22" = Final. The final message in a series of MOVINS messages.

Remarks: In principle only original messages (code "9") are allowed. The other codes may be used after prior agreement between sender and recipient.
DTM (M1) DATE/TIME/PERIOD
+

c507.e2005 Date/Time/Period Qualifier: Code "137" (Document/Message Date/Time)
(M an..3)
:

c507.e2380 Date/Time/Period: Date or date/time of compiling the message.
(R an..35)
:

c507.e2379 Date/Time/Period Format Qualifier: Allowed qualifiers:
(R an..3) "101" = YYMMDD
"201" = YYMMDDHHMM
"301" = YYMMDDHHMMZTTT ("ZTTT" = Timezone, e.g. "GMT" or other)
,
This segment not to be used.
NAD (X) NAME AND ADDRESS

This segment is not to be used.
Group grp1 (M1) TDT - LOC - DTM - RFF - FTX.

TDT (M1) DETAILS OF TRANSPORT (grp1)

+ e8051 Transport Stage Qualifier: Code "20" (Main Carriage) (R an..3)
  + e8028 Conveyance Reference Number: Train voyage number as assigned by the Operating Rail Carrier or his agent. (R an..17)
    +
      +
        +
        +
        +
      c040.e3127 Carrier Identification: Carrier name, coded. Codes to be agreed or standard carrier alpha code (SCAC). (R an..17)
        :
      c040.e1131 Code List Qualifier: Code "172" (Carrier Code) (R an..3)
        :
          +
            +
              +
            c040.e3055 Code list responsible agency, coded. Allowed codes: (R an..3)
              "20" = BIC (Bureau International des Conteneurs)
              "166" = US National Motor Freight Classification Association (SCAC)
              "ZZZ" = Mutually agreed.
            +
            +
            +
          c222.e8213 Id of Means of Transport Identification. Block train identification code: Mutually agreed train code. (R an..9)
            :
          c222.e1131 Code List Qualifier: Allowed qualifiers: (R an..3)
            "ZZZ" = Mutually agreed
            :
          c222.e3055 Code list responsible agency, coded. Allowed code: (R an..3)
            "ZZZ" = Mutually defined. To be used in all other cases.
            :
          c222.e8212 Id. of means of transport: Block train name, if required. (R an..35)
            :
          c222.e8453 Nationality of Means of Transport: Coded according to UN-country code (ISO 3166).
LOC  (M99) PLACE/LOCATION IDENTIFICATION (grp1)

+ 

e3227  (M an..3) Place/Location Qualifier: Allowed qualifiers: 
      "5" = Place of Departure 
      "61" = Next port of call 
      "92" = This qualifier can occur 1to n times and is given in 
              sequence of the rotation.

+ 

c517.e3225  (R AN..17) Place/Location Identification: Location code of the actual 
                      place of departure (normally the sender of the message). If possible, 
                      UN-Locodes of 5 characters according to UN recommendation no.16. must 
                      be used.
                      :

c517.e1131  (R an..3) Code list qualifier. Allowed qualifiers 
                      "139" = Port.
                      :

c517.e3055  (R an..3) Code list responsible agency, coded. Allowed codes: 
                      "112" = US, US Census Bureau, Schedule D for US location schedule 
                      K for foreign port locations. 
                      "6" = UN/ECE - United Nations - Economic Commission for Europe. 
                      (UN-Locodes).

+ 

c519.e3223  (O an..25) Related place/location one identification. The ISO 
                      country code.
                      :

c519.e1131  (O an..3) Code list qualifier. Allowed qualifier: 
                      "162" = Country.
                      :

c519.e3055  (O an..3) Code list responsible agency, coded. Allowed codes: 
                      "5" = ISO

+ 

c553.e3233  (O an..25) Related place/location two identification. The 
                      state or province code, postal abbreviations.
                      :

c553.e1131  (O an..3) Code list qualifier. Allowed qualifier: 
                      "163" = Country sub-entity; state or province.
,

N.B. If locodes other than UN-locodes are used the sender must verify with the 
recipient of the message if other than UN-locodes are acceptable/ processable. 
Composites c519 and c553 are only relevant if no UN-locodes are used.
DTM (M99) DATE/TIME/PERIOD (grp1)

+ 

c507.e2005  Date/Time/Period Qualifier: Allowed qualifiers:
(M an..3)  "132" = estimated date or date/time of arrival at the port-
for which handling instructions are ment.

: 

c507.e2380  Date/Time/Period: Date or date/time in local time
(R an..35)  when Means of Transport has arrived/departed or is expected to depart
at the senders port or is expected to arrive at the next port of
arrival.

: 

c507.e2379  Date/Time/Period Format Qualifier. Allowed quali-
(R an..3)  fiers:
"101" = YYMMDD
"201" = YYMMDDHHMM
"301" = YYMMDDHHMMZZZ ("ZZZ" = Timezone, e.g. "GMT" or other)

,
RFF  (C1)  REFERENCE (grp1)

+  
c506.e1153  Reference Qualifier: Code "VON" (Loading Voyage number, if different from the voyage number in the TDT-segment, assigned by the Operating Carrier or his agent to the voyage of the train).  

:  
c506.e1154  Reference Number: The Loading voyage number.  

,
FTX  (C9)  FREE TEXT  (grp1)

+  

  e4451  (M an..17)  Text Subject Qualifier: Allowed qualifiers:
  "HAN" = Handling Instructions
  "CLR" = Container Loading Remarks
  "SIN" = Special instructions
  "AAI" = General information
  "ZZZ" = Mutually defined use

+  

  c108.e4440  Free Text: Description/Instructions/Remarks in plain
  language or coded, for specific cargo/equipment. Codes, etc. to be
  agreed between partners. One element with maximum field length 20
  characters, unless agreed otherwise.

N.B.  1)  This segment is not generally machine processable. Use of this segment
       must be agreed between partners!

N.B.  2)  This segment only to be used to transmit additional shipbounded
       information or instructions!

This segment can be used for the following:

a.  "AAI"  Description of general information, plain language or codes, as agreed
     between partners. Maximum 20 characters.
     for example: name and telephone nr SCO planner

b.  "SIN"  Additional information or instructions regarding special cargoes,
        equipment or breakbulk shipments.

c.  "HAN"  For handling instructions the following codes are recommended:
        "PLC" = Stowage is subject to pileweight
        "MGM" = Minimum GM-value required
Group grp2 (M9999) HAN - grp3

HAN (M1) Handling instruction (grp2)

Handling Instruction, Coded: All codes Sequence within the message must be:

- "SHI" = Shift: Indicating the cells with containers/cargo to be shifted. In general within the same bay and not via the quay area, depending on the terminal agreement.
- "RES" = Restow: Indicating the cells with containers/cargo to be restowed. In general from one bay to another and likely via the quay area, depending on the terminal agreement.
- "LOA" = Loading: Indicating the cells to be used for loading containers/cargo due to the given specifications.
- "COD" = Change of destination: Indicating the cells with containers of which the port of discharge has to be changed.
- "EXC" = Excess of stowage positions: Indicating the excess of cell positions due to last minute drops in relation to a "MOVINS" previously sent.
- "VOI" = Cell positions to be avoided: Indicating cell positions to be avoided due to damages, repair of cell guides, etc.

Principles:
The (LOA), (COD), (EXC) and (VOI) handling instructions will be indicated on train wagon positions only.

Loading instruction: The main attribute will be the port of discharge, generally resulting in a number of rail wagon positions which have to be loaded with containers /cargo for that port of discharge (destination). For Dangerous cargo, Reefers and Specials the cell positions must be strictly followed.

The (RES) and (SHI) handling instructions can be indicated in one way. On rail wagon id combined with the rail wagon position only.

**LOC** (M1) **PLACE/Locations IDENTIFICATION (grp3)**

+ e3227 **Place/Location Qualifier:** Code "147" (Rail Wagon Position)

(M an..3)

+ c517.e3225 **Place/Location Identification:** The sequence number of the railway wagon in the train. The first wagon in the train, after the locomotive, gets sequence number '01'. The second '02', and so on.

(R an..25)

+ c519.e3223 **Related Location One Identification:** The identification number of the railway wagon in the train. This is the wagon number as painted on the wagon.

(R an..25)

+ c553.e3233 **Related Location Two Identification:** The actual location of the container on the railway wagon. Location number to be agreed. Recommendation: Number each 20ft slot on the wagon, starting with '01' from the front, which is the nearest slot to the locomotive. The second slot gets number '02', and so on. In case of double stack trains, the lower location gets a suffix of the letter 'a' and the upper location gets 'b'.

In case the wagon is empty this group can still be transmitted but this data element must NOT be used. Also the EQD group, where the container details should be given, must not be used in such cases.

**Remarks:**

The sequence of the wagons in the train and the sequence of the containers on the wagons will always be calculated from the front of the train, i.e. where normally the locomotive is pulling the train.

When the train arrives the first wagon is the wagon directly behind the locomotive. If the locomotive will then be shunted to the back of the train to pull the train from that position to a new destination the sequence of the wagons in the train and the containers on the wagons will be reversed and consequently the first wagon on arrival will be the last wagon on departure.
GID  (C1)  GOODS ITEM DETAILS (grp3)

+  
+  
c213.e7224  Number of packages. The number of packages of non-containerized cargo.

:  
c213.e7065  Type of packages identification. Package type for non-containerized cargo.
GDS  (C1) GOODS DESCRIPTION (grp3)

+ 

c703.e7085 Nature of cargo, coded. Codes to be agreed between
(M an..3) partners.

Remarks: If this data is required, we recommend the use of the Harmonized
Commodity Description and Coding System code list of cargo nature (HS).
This codelist is:

"01" = Live animal
"06" = Live plant
"09" = Coffee
"10" = Wheat
"12" = Hay
"22" = Malt
"24" = Tobacco
"41" = Hide
"44" = Timber pack
"48" = Waste paper
"49" = News print
"52" = Cotton
"68" = Stone
"72" = Iron scrap

Further details can be given in the following FTX-segment, if required.
FTX (C9)  FREE TEXT (grp3)
+

e4451  Text Subject Qualifier: Allowed qualifiers:
(M an..3)
"AAA" = Description of Goods
"AAI" = General information
"CLR" = Container Loading Remarks
"HAN" = Handling Instructions
"SIN" = Special instructions
"TEM" = Temporary stowage
"ZZZ" = Mutually defined use
+
+
+

c108.e4440  Free Text: Description/Instructions/Remarks in plain
(M an..70)  language or coded, for specific cargo/equipment. Codes, etc. to be
agreed between partners. One element with maximum field length 20
characters, unless agreed otherwise.

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

This segment can be used for the following:

"AAA": Description of goods, plain language or codes, as agreed between
partners. Maximum 20 characters.

"SIN": Additional information or instructions regarding special cargoes,
equipment or breakbulk shipments.

"HAN": For handling instructions the following codes are recommended:
    "AB"  Away from boiler (eng.room)
    "OD"  On deck stowage
    "TS"  Top stowage
    "UD"  Under deck
    "UT"  Under deck top
    "UW"  Under waterline
    "OT"  On decktop
    "EO"  Except on decktop
    "OF"  On deck protected
    "KC"  Keep cool
    "AL"  Away from living quarters
    "BC"  Block stowage
    "AF"  Away from foodstuffs
    "NC"  Not overstow

"CLR": Container loading remarks: the following codes are recommended:
    "BD"  Bundled
    "DM"  Damaged mt
    "SW"  Sweeper
    "ER"  Escort required
    "DR"  Dry reefer
    "HT"  Hangertainer
    "DO"  Doors open
    "MB"  Mailbox
MEA (M9) MEASUREMENTS (grp3)

+ e6311 Measurement Application Qualifier: Allowed qualifiers:
  (Man..3) "WT" Grossweight
  "TAR" Tare weight

+ c174.e6411 Measure Unit Qualifier: Allowed qualifiers:
  (Man..3) "KGM" = kilogram = preferred
  "LBR" = pounds

: c174.e6314 Measurement Value: The grossweight (= actual tareweight
  (Dn..18) of the equipment plus its contents) in kilograms or pounds, as

: c174.e6162 Range Minimum: The minimum grossweight of range of
  (Dn..18) shipments to be loaded/discharged in kilograms or pounds, as

: c174.e6152 Range Maximum: The maximum grossweight of range of
  (Dn..18) shipment to be loaded/discharged in kilograms or pounds, as qualified
  (no decimals).

Remarks:
In case ranges are given (date-elements c174.e6162 and c174.e6152) data-element
 c174.e6314 is left out.
In case of an average weight, the values in minimum (c174.e6162) and maximum
 (c174.e6152) are the same.
DIM (C9) DIMENSIONS (grp3)

+ e6145 Dimension Qualifier: Allowed qualifiers are:
  (Man..3) "1" = Gross dimensions (breakbulk)
  "5" = Off-standard dims. (overlength front)
  "6" = Off-standard dims. (overlength back)
  "7" = Off-standard dims. (overwidth right)
  "8" = Off-standard dims. (overwidth left)
  "9" = Off-standard dims. (overheight)
  "10" = External equipment dimensions (Non-ISO equipment)

Basically allowed qualifier "1" for breakbulk cargo and from "5" to "9" for odd-sized-cargo. However allowed from "5" to "9" for breakbulk cargo as additional information, if required.

+ c211.e6411 Measure Unit Qualifier: Allowed qualifiers:
  (Man..3) "CMT" = Centimeters = preferred
  "INH" = Inches

  c211.e6168 Length Dimension. Breakbulk length or overlength for
  (D n..15) containers, as qualified.

  c211.e6140 Width Dimension: Breakbulk width or overwidth for
  (D n..15) containers, as qualified.

  c211.e6008 Height Dimension: Breakbulk height or overheight for
  (D n..15) containers, as qualified.

N.B. This segment is only to be transmitted in case breakbulk, odd-sized-cargo and off-standard or non-ISO equipment is involved. In order to identify all relevant information, this segment may be repeated conditionally upto 9 times. The codes 5-9 for odd-sized cargo only, carrying just the overdimensions. In case exact dimensions are not known at time of sending the message, the composite data-elements c211.e6168, c211.e6140 and c211.e6008 to be filled with the value 0 (zero).
TMP  (C1)  TEMPERATURE (grp3)

  +

  e6245  Temperature qualifier: Allowed qualifiers:
  (M AN..3)  "2"  =  Transport Temperature

  +

  c239.e6246  Temperature Setting: Actual temperature according to
  (R n3)  Reefer List (no deviation allowed) at which the cargo is to be
  transported.

  : c239.e6411  Measure Unit Qualifier: Allowed qualifiers:
  (R an..3)  "CEL"  =  degrees Celsius  =  Preferred.
  "FAH"  =  degrees Fahrenheit

Remarks:
In case temperatures are not known at the time of sending the message, special
handling of cooling/heating is indicated by mentioning the temperature qualifier
only and leaving out the composite c239.

Inspite of the field length of element c239.e6246 (temperature) is only N3, decimal
mark and figure as well as negative values preceded by a sign (-) can be transmitted.
Generally numeric data element values shall be regarded as positive unless they
are preceded by a minus sign. The decimal mark and minus sign shall, however, not
be counted as a character of the value when computing the maximum field length
of a data element. Nevertheless, allowance has to be made for the character in
transmission and reception.

Tenth of degrees have to be separated by a decimal point from full degrees
(e.g. 18.5).

For further explanation please refer to ISO 9735 "EDIFACT Application Level Syntax
Rules", point 10 "Representation of numeric data element values".
RNG (C1) RANGE DETAILS (grp2)

+ e6167 Range Type Qualifier: Allowed qualifier:
(M an..3) "4" = Quantity range.

+ c280.e6411 Measure Unit Qualifier: Allowed qualifiers:
(M an..3) "CEL" = degrees Celsius
"FAH" = degrees Fahrenheit

: c280.e6162 Range Minimum: Minimum temperature according to Reefer
(R n..18) List at which the cargo is to be transported.

: c280.e6152 Range Maximum: Maximum temperature according to Reefer
(R n..18) List at which the cargo is to be transported.

Remarks:
Range minimum and maximum is only to be filled with different values in case it is allowed by the shipping line in charge of subject shipment, respectively the customer owing the goods. Otherwise c280.e6162 and c280.e6152 have to carry the same value. No deviation allowed.
LOC (M9) PLACE/LOCATION IDENTIFICATION (grp3)

+ e3227 Place/Location Qualifier: Allowed qualifiers:
(M an..3) "9" = Port of Loading
"11" = Port of discharge
"13" = Transhipment port
"64" = 1st optional port of discharge
"68" = 2nd optional port of discharge
"70" = 3rd optional port of discharge
"80" = Original port of loading
"83" = Place of delivery (to be used as final destination)
"97" = Optional port of discharge.
"152" = Next port of discharge

+ c517.e3225 Place/Location Identification: Namecode of the place/port, as
Example codes: JPTYO = Tokyo
USLAX = Los Angeles
USOAK = Oakland
USSEA = Seattle
USCHI = Chicago
For optional port of discharge (e3227 = "97"): "XXOPT".

: c517.e1131 Code list qualifier. Allowed qualifiers:
(0 an..3) 139" = Port.

: c517.e3055 Code list responsible agency, coded. Allowed codes:
(O an..3) "112" = US, US Census Bureau, Schedule D for US locations,
Schedule K for foreign port locations.
"6" = UN/ECE - United Nations - Economic Commission for Europe.
(UN-Locodes).
"ZZZ" = Optional ports.

+ c519.e3223 Related place/location one identification. The ISO
(O an..25) country code.

: c519.e1131 Code list qualifier. Allowed qualifier:
(O an..3) "162" = Country.

: c519.e3055 Code list responsible agency, coded. Allowed codes:
(O an..3) "5" = ISO

+ c553.e3233 Related place/location two identification. The state or
(O an..25) province code, postal abbreviations.
c553.e1131 Code list qualifier. Allowed qualifier: 
(0 an..3) "163" = Country sub-entity; state or province.

Remarks:
1. If locodes other than UN-locodes are used the sender must verify with the recipient of the message if other than UN-locodes are acceptable/processable. Composites c519 and c553 are only relevant if no UN-locodes are used.
2. Minimum 2 ports to be given: loading port and discharging port.
3. Use of qualifiers, other than those for port of loading and port of discharge, must be agreed between partners.
RFF(1) (M9)  REFERENCE (grp3)

+  
c506.e1153  Reference Qualifier: Allowed qualifiers:
(M an..3)   "BM" = B/L-number, as dummy, in case non of the following codes
           are applicable.
           "ET" = Excess Transportation Number to be used for leading
           Stowage position, in case of Breakbulk or odd-sized-cargo.
           "BN" = Booking reference number.
           "CN" = Carrier's reference number.
           "CV" = Container operator's reference number.
           "BST" = Block stow to be used in case the carrier wants to indicate
           that blocks of containers must be delivered via train or
           into barge.
           "ZZZ" = Mutually agreed.

:  
c506.e1154  Reference Number: For Qualifiers :
(R an..35)  "BM" = always "1".
"ZZZ" = always "1".
"ET" = Leading stowage location, containing relevant data for
       this consignment.
"BN" = Booking reference number assigned by carrier or agent.
"CN" = Carrier's reference number.
"CV" = Container operator's reference number.
"BST" = Mode of transport assigned by the carrier.
1 = Feeder
2 = Rail
8 = Barge

,  

N.B. For breakbulk and odd-sized-cargo see chapter 3: Special User Guidelines.
Example: RFF+BM:1' or RFF+ET+0120106'
Group grp4 (C9)  EQD - EQA - NAD

EQD (M1)  EQUIPMENT DETAILS (grp4)
+

e8053 (Man..3)

Equipment Qualifier: Allowed qualifiers:
"CN" = Container
+

c237.e8260 (Dan..17)

Equipment Identification Number:
1. The container number:
Format: One continuous string with the identification, prefix and number. Examples: SCXU 2387653 must be transmitted as "SCXU2387653", EU 876 must be transmitted as "EU876". The number will be treated as a character string. E.g. alphanumeric check-digits can be transmitted here. If this segment is used the unique equipment identification number must always be transmitted, although this element is not mandatory!
+

c224.e8155 (Dan..4)

Equipment Size and Type Identification: ISO size-type code of 4 digits (ISO 6346). For unknown ISO size/type codes the following codes may be used:
"4***" = Length = 40ft, rest unknown
"2***" = Length = 20ft, rest unknown
"42***" = 40ft 8'6", rest unknown
"22***" = 20ft 8'6", rest unknown
"40***" = 40ft 8'0", rest unknown
"20***" = 20ft 8'0", rest unknown

For type indications see the next examples. (the length is always mandatory):
"2*0*" = 20ft Dry-box, rest unknown
"4*2*" = 40ft Reefer, rest unknown
etc. etc.
Other codes to be agreed between partners.
+

c224.e8154 (Dan..35)

Equipment Size and Type: To indicate the length of the container in feet in relation to athwart bays and non ISO length containers (45' ; 48' ; 52').
Equipment status, coded.

1: Continental
2: Export
3: Import
4: Remain on board
5: Shifter
6: Transhipment
7: Hot delivery
8: MLB
9: MCB (Micro Land Bridge)
10: Canada Bound transport
11: Direct delivery
12: Bond transport
13: Tranship to other vessel
14: Tranship to other pier
15: Rail road transport
16: Road transport
17: Barge transport
18: Temporary stowage
19: Urgent unpacking
20: Sea & Air

Full/Empty Indicator, coded. Allowed codes:

"5" = Full
"4" = Empty.
EQA      (C9)    EQUIPMENT ATTACHED (grp4)

+  

e8053    Equipment Qualifier: Allowed qualifiers:  
(M an..3) "RG" = Reefer Generator  
"CN" = Container  
"CH" = Chassis  

+  

c237.e8260 Equipment Identification Number: The unitnumber.  
(R an..17)  

,  

N.B.  This segment may be used for transmission of attached equipment to container  
or for containers or other equipment stowed within one location with leading  
container in EQD (Platforms, Collapsible Flats, chassis, etc.).
NAD  (C1)  NAME AND ADDRESS (grp4)

+  

e3035  
(M an..3)  
Party Qualifier: Allowed code:
"CA" = Carrier of the cargo.
"CF" = Container operator

+  

c082.e3039  
(M an..17)  
Party Id Identification: Namecode of party to be billed for the operation of subject equipment/cargo, if other than container operator. This might be necessary to identify, in case operation, e.g. restow, is caused due to a requirement from a party, which is not the container operator, e.g. another line, sharing ships space or the Terminal operator.

:  
:  

c082.e1131  
(R an..3)  
Code List Qualifier: Qualifier "172".

:  
:  

c082.e3055  
(R an..3)  
Code List Responsible Agency, coded. Allowed codes:
"20" = BIC (Bureau International des Conteneurs)
"166" = US National Motor Freight Classification Association (SCAC)
"ZZZ" = Mutually defined.
Group grp5 (C999) DGS - FTX

DGS (M1) DANGEROUS GOODS (grp5)

+ e8273 Dangerous Goods Regulations: Code "IMD" (IMO IMDG Code)
  (R an..3)
  
+ c205.e8351 Hazard Code Identification: IMDG Code, e.g. "1.2" or "8".
  (M an..7)
  
: c205.e8078 Hazard Substance/item/page number: The IMDG code page number (English
  (O an..7) version).
  + c234.e7124 UNDG Number: UN number of respective dangerous cargo transported
  (O n4) (4 digits).
  
+ c223.e7106 Shipment Flashpoint: the actual flashpoint in degrees Celsius or
  (O n3) Fahrenheit. For inserting temperatures below zero or tenth degrees please
  refer to remarks under TMP-segment respectively to ISO 9735. If
  different dangerous goods with different flashpoints within one load
  to be transported, only the lowest flashpoint should be inserted.
  
: c223.e6411 Measure Unit Qualifier: Allowed qualifiers:
  (O an..3) "CEL" = degrees Celsius = Preferred
  "FAH" = degrees Fahrenheit
  + e8339 Packing group, coded: The packing group code of the hazardous goods.
  (O an..3)
  + e8364 EMS number: Emergency schedule number.
  (O an..6)
  
+ e8410 MFAG: Medical First Aid Guide number.
  (O an..4)
  
+ c235.e8158 Hazard Identification number, upper part.
  (O an..4)
  
: c235.e8186 Substance Identification number, lower part.
c236.e8246 Dangerous Goods Label Marking (1).
(O an..4) See below for possible use of this data element.

:  

:  

:  

:  

N.B. Use of this segment must be agreed between partners.

Possible use of data elements c.236.e8246 (1, 2 and 3):
IMDG Code list of dangerous goods sub label:

<table>
<thead>
<tr>
<th>Subsidiary risk</th>
<th>sub label</th>
<th>code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosive</td>
<td>Explosive</td>
<td>1</td>
</tr>
<tr>
<td>Gas</td>
<td>Flammable gas</td>
<td>2.1</td>
</tr>
<tr>
<td>Flammable liquid</td>
<td>Flammable liquid F.P.&lt;-18C</td>
<td>3.1</td>
</tr>
<tr>
<td>Flammable liquid</td>
<td>Flammable liquid F.P.-18C till 23C</td>
<td>3.2</td>
</tr>
<tr>
<td>Flammable liquid</td>
<td>Flammable liquid F.P.23C upto/incl 61C</td>
<td>3.3</td>
</tr>
<tr>
<td>Flammable solid</td>
<td>Flammable solid</td>
<td>4.1</td>
</tr>
<tr>
<td>Flammable solid</td>
<td>Spontaneously combustible</td>
<td>4.2</td>
</tr>
<tr>
<td>Flammable solid</td>
<td>Dangeres when wet</td>
<td>4.3</td>
</tr>
<tr>
<td>Oxidizing agent</td>
<td>Oxidizing agent</td>
<td>5.1</td>
</tr>
<tr>
<td>Oxidizing agent</td>
<td>Oxidizing peroxide</td>
<td>5.2</td>
</tr>
<tr>
<td>Poison</td>
<td>Poison</td>
<td>6.1</td>
</tr>
<tr>
<td>Poison</td>
<td>Harmful</td>
<td>6.1 HFL</td>
</tr>
<tr>
<td>Poison</td>
<td>Infectious substance</td>
<td>6.2</td>
</tr>
<tr>
<td>Radio active</td>
<td>Radio active - cat 1</td>
<td>7</td>
</tr>
<tr>
<td>Radio active</td>
<td>Radio active - cat 2</td>
<td>7</td>
</tr>
<tr>
<td>Radio active</td>
<td>Radio active - cat 3</td>
<td>7</td>
</tr>
<tr>
<td>Corrosive</td>
<td>Corrosive</td>
<td>8</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>Miscellaneous</td>
<td>9</td>
</tr>
</tbody>
</table>
FTX (C1) FREE TEXT (grp5)

+ e4451 Text Subject Qualifier. Allowed qualifiers:
(M an..3) "AAC" = Dangerous goods additional information
"AAD" = Dangerous goods, technical name, proper shipping name.
+
+
+ c108.e4440 Free text: Description of hazard material in plain language.
(M an..70) One element of maximum 70 characters to be given only for the
description. Transmit the text "NIL", if no description is available
and one or both of the following data elements must be transmitted.
:
+ c108.e4440 Free text: The net weight in kilos of the hazardous material to be
(0 an..70) transmitted here.
(2):
:
+ c108.e4440 Free text: The DG-reference number as allocated by the central
(0 an..70) planner, if known.
(3):
,
N.B. Use of this segment must be agreed between partners.
UNT (M1) MESSAGE TRAILER

+ e0074 (M n..6) Number of segments in the message, including UNH and UNT segments, but excluding UNA, UNB and UNZ segments.

+ e0062 (M an..14) Message reference number: This reference must be identical to the reference in the UNH-segment (e0062).
UNZ (M1) INTERCHANGE TRAILER

+  
e0036 (M n..6)  Interchange Control Count: The number of messages in the interchange.
+  
e0020 (M an..14)  Interchange Control Reference: This reference must be identical to the reference in the UNB-segment (e0020).
5. SPECIAL USER GUIDELINES

To follow.
6. EXAMPLE MESSAGE

The segments of the example message are all shown on separate lines. In accordance with the Edifact Syntax Rules, however, no Carriage Returns (CR) and/or Line Feeds (LF) must be transmitted.

Example follows.
This page is reserved for the example message
8. MESSAGE STRUCTURE DIAGRAM

MOVINS

UNB M1  UNH M1  BGM M1  DTM M1  RFF C1  NAD C3  TDY M1

LOC M99  DTM M99  RFF C1  FTX C9

GRP1 M1

GRP2 M9999

HAN M1

LOC M1

GID C1  GDS C1  FTX C9  MEA C9  DIM C9  TMP C1  RNG C1  LOC M0  RFF M9  EQD M1  DGS M1

GRP4 C3

GRP5 C999

GRP3 M9999
This page is left blank intentionally
9. SEGMENT DIRECTORY (D.95B)

**BGM BEGINNING OF MESSAGE**
To indicate the type and function of a message and to transmit the identifying number.

<table>
<thead>
<tr>
<th>Segment Code</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>C002</td>
<td>DOCUMENT/MESSAGE NAME</td>
<td></td>
</tr>
<tr>
<td>1001</td>
<td>DOCUMENT/MESSAGE NAME, CODED</td>
<td>AN..3</td>
</tr>
<tr>
<td>1131</td>
<td>CODE LIST QUALIFIER</td>
<td>AN..3</td>
</tr>
<tr>
<td>3055</td>
<td>CODE LIST RESPONSIBLE AGENCY, CODED</td>
<td>AN..3</td>
</tr>
<tr>
<td>1000</td>
<td>DOCUMENT/MESSAGE NAME</td>
<td>AN..35</td>
</tr>
<tr>
<td>1004</td>
<td>DOCUMENT/MESSAGE NUMBER</td>
<td>AN..35</td>
</tr>
<tr>
<td>1225</td>
<td>MESSAGE FUNCTION, CODED</td>
<td>AN..3</td>
</tr>
<tr>
<td>4343</td>
<td>RESPONSE TYPE, CODED</td>
<td>AN..3</td>
</tr>
</tbody>
</table>

**DGS DANGEROUS GOODS**
To identify dangerous goods.

<table>
<thead>
<tr>
<th>Segment Code</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>8273</td>
<td>DANGEROUS GOODS REGULATIONS, CODED</td>
<td>AN..3</td>
</tr>
<tr>
<td>C205</td>
<td>HAZARD CODE</td>
<td></td>
</tr>
<tr>
<td>8351</td>
<td>HAZARD CODE IDENTIFICATION</td>
<td>AN..7</td>
</tr>
<tr>
<td>8078</td>
<td>HAZARD SUBSTANCE/ITEM/PAGE NUMBER</td>
<td>AN..7</td>
</tr>
<tr>
<td>8092</td>
<td>HAZARD CODE VERSION NUMBER</td>
<td>AN..10</td>
</tr>
<tr>
<td>C234</td>
<td>UNDG INFORMATION</td>
<td></td>
</tr>
<tr>
<td>7124</td>
<td>UNDG NUMBER</td>
<td>N4</td>
</tr>
<tr>
<td>7088</td>
<td>DANGEROUS GOODS FLASHPOINT</td>
<td>AN..8</td>
</tr>
<tr>
<td>C223</td>
<td>DANGEROUS GOODS SHIPMENT FLASHPOINT</td>
<td></td>
</tr>
<tr>
<td>7106</td>
<td>SHIPMENT FLASHPOINT</td>
<td>N3</td>
</tr>
<tr>
<td>6411</td>
<td>MEASURE UNIT QUALIFIER</td>
<td>AN..3</td>
</tr>
<tr>
<td>8339</td>
<td>PACKING GROUP, CODED</td>
<td>AN..3</td>
</tr>
<tr>
<td>8364</td>
<td>EMS NUMBER</td>
<td>AN..6</td>
</tr>
<tr>
<td>8410</td>
<td>MFAG</td>
<td>AN..4</td>
</tr>
<tr>
<td>8126</td>
<td>TREM CARD NUMBER</td>
<td>AN..10</td>
</tr>
<tr>
<td>C235</td>
<td>HAZARD IDENTIFICATION</td>
<td></td>
</tr>
<tr>
<td>8158</td>
<td>HAZARD IDENTIFICATION NUMBER, UPPER PART</td>
<td>AN..4</td>
</tr>
<tr>
<td>8186</td>
<td>SUBSTANCE IDENTIFICATION NUMBER, LOWER PART</td>
<td>AN4</td>
</tr>
<tr>
<td>C236</td>
<td>DANGEROUS GOODS LABEL</td>
<td></td>
</tr>
<tr>
<td>8246</td>
<td>DANGEROUS GOODS LABEL MARKING</td>
<td>AN..4</td>
</tr>
<tr>
<td>8246</td>
<td>DANGEROUS GOODS LABEL MARKING</td>
<td>AN..4</td>
</tr>
<tr>
<td>8255</td>
<td>PACKING INSTRUCTION, CODED</td>
<td>AN..3</td>
</tr>
<tr>
<td>8325</td>
<td>CATEGORY OF MEANS OF TRANSPORT, CODED</td>
<td>AN..3</td>
</tr>
<tr>
<td>8211</td>
<td>PERMISSION FOR TRANSPORT, CODED</td>
<td>AN..3</td>
</tr>
</tbody>
</table>
DIM DIMENSIONS

To specify dimensions.

6145 DIMENSION QUALIFIER M AN..3
C211 DIMENSIONS M
6411 MEASURE UNIT QUALIFIER M AN..3
6168 LENGTH DIMENSION C N..15
6140 WIDTH DIMENSION C N..15
6008 HEIGHT DIMENSION C N..15

DTM DATE/TIME/PERIOD

To specify date, time, period.

C507 DATE/TIM E/PERIOD M
2005 DATE/TIME/PERIOD QUALIFIER M AN..3
2380 DATE/TIME/PERIOD C AN..35
2379 DATE/TIME/PERIOD FORMAT QUALIFIER C AN..3

EQA ATTACHED EQUIPMENT

To specify attached or related equipment.

8053 EQUIPMENT QUALIFIER M AN..3
C237 EQUIPMENT IDENTIFICATION C
8260 EQUIPMENT IDENTIFICATION NUMBER C AN..17
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
3207 COUNTRY, CODED C AN..3

EQD EQUIPMENT DETAILS

To identify a unit of equipment.

8053 EQUIPMENT QUALIFIER M AN..3
C237 EQUIPMENT IDENTIFICATION C
8260 EQUIPMENT IDENTIFICATION NUMBER C AN..17
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
3207 COUNTRY, CODED C AN..3
C224 EQUIPMENT SIZE AND TYPE C
8155 EQUIPMENT SIZE AND TYPE IDENTIFICATION C AN..10
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
8154 EQUIPMENT SIZE AND TYPE C AN..35
8077 SHIPPER SUPPLIED EQUIPMENT INDICATOR, CODED C AN..3
8249 EQUIPMENT STATUS, CODED C AN..3
8169 FULL/EMPTY INDICATOR, CODED C AN..3
FTX FREE TEXT

To provide free form or coded text information.

4451 TEXT SUBJECT QUALIFIER M AN..3
4453 TEXT FUNCTION, CODED C AN..3
C107 TEXT REFERENCE C
4441 FREE TEXT, CODED M AN..3
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
C108 TEXT LITERAL C
4440 FREE TEXT M AN..70
4440 FREE TEXT C AN..70
4440 FREE TEXT C AN..70
4440 FREE TEXT C AN..70
3453 LANGUAGE, CODED C AN..3

GDS NATURE OF CARGO

To indicate the type of cargo as a general classification.

C703 NATURE OF CARGO C
7085 NATURE OF CARGO, CODED M AN..3
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
GID GOODS ITEM DETAILS

To indicate totals of a goods item.

1496 GOODS ITEM NUMBER C N..5
C213 NUMBER AND TYPE OF PACKAGES C
7224 NUMBER OF PACKAGES M N..8
7065 TYPE OF PACKAGES IDENTIFICATION C AN..17
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
7064 TYPE OF PACKAGES C AN..35

HAN HANDLING INSTRUCTIONS

To specify handling and where necessary, notify hazards.

C524 HANDLING INSTRUCTION C
4079 HANDLING INSTRUCTIONS, CODED C AN..3
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
4078 HANDLING INSTRUCTIONS C AN..70

C218 HAZARDOUS MATERIAL C
7419 HAZARDOUS MATERIAL CLASS CODE, IDENTIFICATION C AN..4
1131 CODE LIST QUALIFIER C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3
## LOC PLACE,LOCATION IDENTIFICATION

To identify a country/place/location/related location one
related location two.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>3227</td>
<td>PLACE,LOCATION QUALIFIER</td>
<td>M AN..3</td>
</tr>
<tr>
<td>C517</td>
<td>LOCATION IDENTIFICATION</td>
<td>C</td>
</tr>
<tr>
<td>3225</td>
<td>PLACE,LOCATION IDENTIFICATION</td>
<td>C AN..25</td>
</tr>
<tr>
<td>1131</td>
<td>CODE LIST QUALIFIER</td>
<td>C AN..3</td>
</tr>
<tr>
<td>3055</td>
<td>CODE LIST RESPONSIBLE AGENCY, CODED</td>
<td>C AN..3</td>
</tr>
<tr>
<td>3224</td>
<td>PLACE,LOCATION</td>
<td>C AN..17</td>
</tr>
<tr>
<td>C519</td>
<td>RELATED LOCATION ONE IDENTIFICATION</td>
<td>C</td>
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<tr>
<td>3223</td>
<td>RELATED PLACE,LOCATION ONE IDENTIFICATION</td>
<td>C AN..25</td>
</tr>
<tr>
<td>1131</td>
<td>CODE LIST QUALIFIER</td>
<td>C AN..3</td>
</tr>
<tr>
<td>3055</td>
<td>CODE LIST RESPONSIBLE AGENCY, CODED</td>
<td>C AN..3</td>
</tr>
<tr>
<td>3222</td>
<td>RELATED PLACE,LOCATION ONE</td>
<td>C AN..70</td>
</tr>
<tr>
<td>C553</td>
<td>RELATED LOCATION TWO IDENTIFICATION</td>
<td>C</td>
</tr>
<tr>
<td>3233</td>
<td>RELATED PLACE,LOCATION TWO IDENTIFICATION</td>
<td>C AN..25</td>
</tr>
<tr>
<td>1131</td>
<td>CODE LIST QUALIFIER</td>
<td>C AN..3</td>
</tr>
<tr>
<td>3055</td>
<td>CODE LIST RESPONSIBLE AGENCY, CODED</td>
<td>C AN..3</td>
</tr>
<tr>
<td>3232</td>
<td>RELATED PLACE,LOCATION TWO</td>
<td>C AN..70</td>
</tr>
<tr>
<td>5479</td>
<td>RELATION, CODED</td>
<td>C AN..3</td>
</tr>
</tbody>
</table>

## MEA MEASUREMENTS

To specify physical measurements, including dimension
tolerances, weights and counts.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6311</td>
<td>MEASUREMENT APPLICATION QUALIFIER</td>
<td>M AN..3</td>
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<tr>
<td>C502</td>
<td>MEASUREMENT DETAILS</td>
<td>C</td>
</tr>
<tr>
<td>6313</td>
<td>MEASUREMENT DIMENSION, CODED</td>
<td>C AN..3</td>
</tr>
<tr>
<td>6321</td>
<td>MEASUREMENT SIGNIFICANCE, CODED</td>
<td>C AN..3</td>
</tr>
<tr>
<td>6155</td>
<td>MEASUREMENT ATTRIBUTE, CODED</td>
<td>C AN..3</td>
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<tr>
<td>6154</td>
<td>MEASUREMENT ATTRIBUTE</td>
<td>C AN..70</td>
</tr>
<tr>
<td>C174</td>
<td>VALUE/RANGE</td>
<td>C</td>
</tr>
<tr>
<td>6411</td>
<td>MEASURE UNIT QUALIFIER</td>
<td>M AN..3</td>
</tr>
<tr>
<td>6314</td>
<td>MEASUREMENT VALUE</td>
<td>C N..18</td>
</tr>
<tr>
<td>6162</td>
<td>RANGE MINIMUM</td>
<td>C N..18</td>
</tr>
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<td>6152</td>
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<td>SURFACE/LAYER INDICATOR, CODED</td>
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NAD NAME AND ADDRESS

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

3035 PARTY QUALIFIER M AN..3

C082 PARTY IDENTIFICATION DETAILS C

3039 PARTY ID IDENTIFICATION M AN..35

1131 CODE LIST QUALIFIER C AN..3

3055 CODE LIST RESPONSIBLE AGENCY, CODED C AN..3

C058 NAME & ADDRESS C

3124 NAME AND ADDRESS LINE M AN..35

3124 NAME AND ADDRESS LINE C AN..35

3124 NAME AND ADDRESS LINE C AN..35

3124 NAME AND ADDRESS LINE C AN..35

C080 PARTY NAME C

3036 PARTY NAME M AN..35

3036 PARTY NAME C AN..35

3036 PARTY NAME C AN..35

3036 PARTY NAME C AN..35

3045 PARTY NAME FORMAT, CODED C AN..3

C059 STREET C

3042 STREET AND NUMBER/P.O.BOX M AN..35

3042 STREET AND NUMBER/P.O.BOX C AN..35

3042 STREET AND NUMBER/P.O.BOX C AN..35

3164 CITY NAME C AN..35

3229 COUNTRY SUB-ENTITY IDENTIFICATION C AN..9

3251 POSTCODE IDENTIFICATION C AN..9

3207 COUNTRY, CODED C AN..3
RFF REFERENCE

To specify a reference.

C506 REFERENCE    M
1153 REFERENCE QUALIFIER    M AN..3
1154 REFERENCE NUMBER    C AN..35
1156 LINE NUMBER    C AN..6
4000 REFERENCE VERSION NUMBER    C AN..35

RNG RANGE DETAILS

To identify a range.

6167 RANGE TYPE QUALIFIER    M AN..3
C280 RANGE    C
6411 MEASURE UNIT QUALIFIER    M AN..3
6162 RANGE MINIMUM    C N..18
6152 RANGE MAXIMUM    C N..18
TDT DETAILS OF TRANSPORT

To specify mode and means of transport.

8051 TRANSPORT STAGE QUALIFIER  M AN..3
8028 CONVEYANCE REFERENCE NUMBER  C AN..17
C220 MODE OF TRANSPORT  C
8067 MODE OF TRANSPORT, CODED  C AN..3
8066 MODE OF TRANSPORT  C AN..17
C228 TRANSPORT MEANS  C
8179 TYPE OF MEANS OF TRANSPORT IDENTIFICATION  C AN..8
8178 TYPE OF MEANS OF TRANSPORT  C AN..17
C040 CARRIER  C
3127 CARRIER IDENTIFICATION  C AN..17
1131 CODE LIST QUALIFIER  C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED  C AN..3
3128 CARRIER NAME  C AN..35
8101 TRANSIT DIRECTION, CODED  C AN..3
C401 EXCESS TRANSPORTATION INFORMATION  C
8457 EXCESS TRANSPORTATION REASON, CODED  M AN..3
8459 EXCESS TRANSPORTATION RESPONSIBILITY, CODED  M AN..3
7130 CUSTOMER AUTHORIZATION NUMBER  C AN..17
C222 TRANSPORT IDENTIFICATION  C
8213 ID OF MEANS OF TRANSPORT IDENTIFICATION  C AN..9
1131 CODE LIST QUALIFIER  C AN..3
3055 CODE LIST RESPONSIBLE AGENCY, CODED  C AN..3
8212 ID OF MEANS OF TRANSPORT  C AN..35
8453 NATIONALITY OF MEANS OF TRANSPORT, CODED  C AN..3
8281 TRANSPORT OWNERSHIP, CODED  C AN..3

TMP TEMPERATURE

To specify the temperature range and/or setting.

6245 TEMPERATURE QUALIFIER  M AN..3
C239 TEMPERATURE SETTING  C
6246 TEMPERATURE SETTING  C N3
6411 MEASURE UNIT QUALIFIER  C AN..3
UNB INTERCHANGE HEADER

To start, identify and specify an interchange.

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UNH MESSAGE HEADER

To head, identify and specify a message.

0062 MESSAGE REFERENCE NUMBER M AN..14
S009 MESSAGE IDENTIFIER M
0065 MESSAGE TYPE IDENTIFIER M AN..6
0052 MESSAGE TYPE VERSION NUMBER M AN..3
0054 MESSAGE TYPE RELEASE NUMBER M AN..3
0051 CONTROLLING AGENCY M AN..2
0057 ASSOCIATION ASSIGNED CODE C AN..6
0068 COMMON ACCESS REFERENCE C AN..35

UNT MESSAGE TRAILER

To end and check the completeness of a message.

0074 NUMBER OF SEGMENTS IN A MESSAGE M N..6
0062 MESSAGE REFERENCE NUMBER M AN..14

UNZ INTERCHANGE TRAILER

To end and check the completeness of an interchange.

0036 INTERCHANGE CONTROL COUNT M N..6
0020 INTERCHANGE CONTROL REFERENCE M AN..14