Container positioning for inspection

COHAOR
CONTAINER SPECIAL HANDLING MESSAGE

Port de Barcelona

GUIDELINE FOR THE UN/EDIFACT
D00B COHAOR MESSAGE

Version 1.5

Message:	COHAOR
Version:	1.5
Date:	November 2010
Source:	*Port de Barcelona*

CHANGE CONTROL

Version 1.5 includes the following changes to the previous version 1.4b from March 2010 (changes named from P1 to P6 were agreed at the working group meeting from 13th May 2010 and changes from P7 to P15 were agreed at the working group meeting from 23th June 2010):

- When goods come from "Inland Customs" and they have to be inspected in the Border Inspection Post, the operator will always identify these goods as break bulk cargo in order to avoid fulfilling the segments related with the maritime transport (NAD, RFF, LOC and TDT).

- In the section of "choreography" it has been added a new use for COHAOR message with code "846" at DE1001. When the SCPP knows that the received information has some mistakes that can be solved replacing the information received by the correct one, the SCPP can update in its system the information received and then, a message can be sent to the customs broker with the information present in the SCPP system and a copy can also be sent to the container terminal.

- (P1) A new code has been included for DE1001 of segment BGM:
  - o [844] "Express Inspection Request". This positioning modality may only be applied for several types of inspections (i.e. Border Inspection Post or Non Intrusive Inspections). The choreography will be the same than for regular inspections but the system will assign higher priority for these requests than the regular ones.

- (P5) It is mandatory to declare the "invoice" when someone should pay for the operation requested.

- (P4) Several changes have been made to separate the location of the inspection from the requested period for the positioning. On a previous version, the code for the location included the requested period for positioning.
  - o At the DTM segment (Group 4) it has been included the possibility of declaring date and time (since now, only the date was possible). DE2380 will include the time and DE2379 will include the new code "203" that means the format: "CCYYMMDDHHMM". Time will be used for identifying positioning periods and, for those, a convention will be applied:
    - If the operator only can choose between mornings and afternoons:
      - 08:00 will stand for the "morning period"
      - 14:00 will stand for the "afternoon period"
    - If the day is divided in more periods, the starting time of the period will be declared: i.e. if the period is from 11:00 to 14:00, it has to be declared 11:00.
  - o At the DE3225 of the LOC segment (Group 4) it has been removed several codes that were used for afternoon positioning.

- (P13) In the "Inspection instructions message" or the "Communication about a previous scheduled inspection message" from scenarios 1 and 2, and in the "rejection message" defined in scenario 2 it has included the possibility of including some comments. For this purpose, a new occurrence of segment FTX at header level has been included with "AFB" in data element 4451.

- (P16) When a regulatory body requests the inspection of a goods item that is less than the container load it could be necessary to declare the total weight of the container and the total number of packages contained inside the equipment.
  A second occurrence of segment MEA with "AAD" qualifier could be used for declaring the total gross weight and segment CNT could be used with the total number of packages contained in the LCL container.

Version 1.4b includes the following changes to the previous version 1.4 from November 2009:

- Code [Z29] "Guardia Civil" has been deleted from data element 1153 of segment RFF (Group 4).

Version 1.4 includes the following changes to the previous version 1.3 from May 2009:

- PDI inspections are performed in a special area and this area has to be included in DE3225 from LOC segment (group 4) as [PDI]. And PDI will be deleted as a service (code [Z31]) from DE1153 from segment RFF (group 4).
- A new inspection area has been included: [BRT] for Barcelona Reefer Terminal.
- Break bulk cargo can be declared in this message using the prefix "BULK" followed by the weight of the goods item, instead of the container number.
- When cargo it is not containerized and the inspection has to be performed on a special area of the Port, several data will not be mandatory and they would be only optional: shipping agent, vessel details, ship's call number, place of origin (terminal),…

Version 1.3 includes the following changes to the previous version 1.2 from December 2008:

- When the SCPP has received the request for an inspection manually (in a paper form, because the sender was not able to send an EDI message) and the SCPP assigns some resources and a date for the inspection (COHAOR message with code "845" at DE1001) the reference to the previous message in data element 1154 from segment RFF (group 1) will start with the string "MANUAL".
- Some codes have been moved from DE9417 from segment GOR to DE4079 from segment HAN:
    - Code "3" *fumigation* will be code "17" in DE4079 from segment HAN.
    - Code "10" *ventilation* will be code "18" in DE4079 from segment HAN.
    - Code "11" *ventilation with 5 days of permanence* will be code "19" in DE4079 from segment HAN.
- Only one occurrence of segment GOR will be possible.
- Code "4" (Relay) has been deleted from DE8323 from segment GOR (group 4).
- TDT must be mandatory for import instead of export.
- It is mandatory the use of the combined nomenclature code and the literal description of goods.

Version 1.2 includes the following changes to the previous version 1.1 from July 2008:

- It has been deleted the CNT segment from the branching diagram (page 10).
- In page 34, group 6 is changed to 11, because 6 was a mistake.
- DTM segment and header level has changed from optional to required.
- DE1153 of segment RFF in group 4 will be used for identifying the regulatory body that has requested the inspection. DE1154 will be used for identifying the number of the document that requested the inspection.
- DE9415 of segment GOR is not used.
- Use of TMP and RNG segments. When it is a controlled temperature container a value for the temperature could be declared at the TMP segment or it has to be declared a range of temperatures using the RNG segment. C239 has changed to optional.
- Use of DE1131 in C237 at EQD segment will be required for equipment identification numbers according to the ISO6346 standard.

Version 1.1 includes the following changes to the previous version 1.0 from April 2008:

- It has been included a detailed description of the message choreography in two different scenarios. The first one when the inspection is executed at the Border Inspection Service (BIP or PIF in Spanish) or when it is realized at the Non Intrusive Inspection (NII) area of the port. And, a second scenario, when the inspection is carried in a specific area of the container terminal yard. In this scenario the container terminal manages the resources needed for the inspections and assign the dates and hours for those inspections. The Coordination Inspection Service must receive copy of all the messages interchanged.

- In this version, the **Positioning Coordinator Service** (SCPP from the Spanish "Servicio de Coordinación de Posicionamientos") is the party that manages the resources needed for the inspections and assign the dates and hours for those inspections. Initially, the inspections at the container yard will be managed by the terminal operators and the SCPP will receive copy of all the documentary interchanges associated to the inspection.

- For this message, it only will be allowed cancellations and original functions. For every change, first it will be necessary to cancel the previous message and after send a new original (BGM at header level).

- It has been included a new reference for identifying groups of containers that have to be inspected together. New code "AST" in DE1153 (RFF in group 1).

- It has been included an explanation on the usage of the Ship's Stay Reference when the equipment inspected will be transhipped (RFF in group 4).

- It has been included a new code for identifying the Customs document related to this inspection. New code "ABT" in DE1153 (RFF in group 4).

- It has been included a new repetition of segment LOC in group 4 for identifying the place where the inspection will be executed. New code "229" in DE3027 (LOC in group 4).

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GENERAL INTRODUCTION

FORMAL DEFINITION

COHAOR: "Order to perform a specified special handling and/or service on containers. This message is 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'."

The 'Guide to the scenario of the EDIFACT container messages' has been published by ITIGG under the title "Guide to the UN/EDIFACT Container Messages" (Document reference JM4/ITIGG/96.103/v.12).

CLARIFICATION

The COHAOR message is an order to perform specified special handling and/or services on items of transport equipment.

It is intended to be used in conjunction with a release order message - either a COPARN (empty container release) or COREOR (full container release) - in which case it would usually follow the release order, where the container in question had already been identified.

The COHAOR message contains more detailed specific instructions for special handling and/or servicing of the container.

UN/EDIFACT DIRECTORY REFERENCE

This document is based on the UN/EDIFACT D00B directory.

CHOREOGRAPHY

This message could be interchanged in two different scenarios. The fist one is a scenario where the Positioning Coordinator Service (SCPP) manages the resources needed for the inspections and assigns the dates and hours for those inspections. That happens when the inspection is executed at the Border Inspection Post (BIP or PIF in Spanish) or when it is realized at the Non Intrusive Inspection (NII) area of the port.
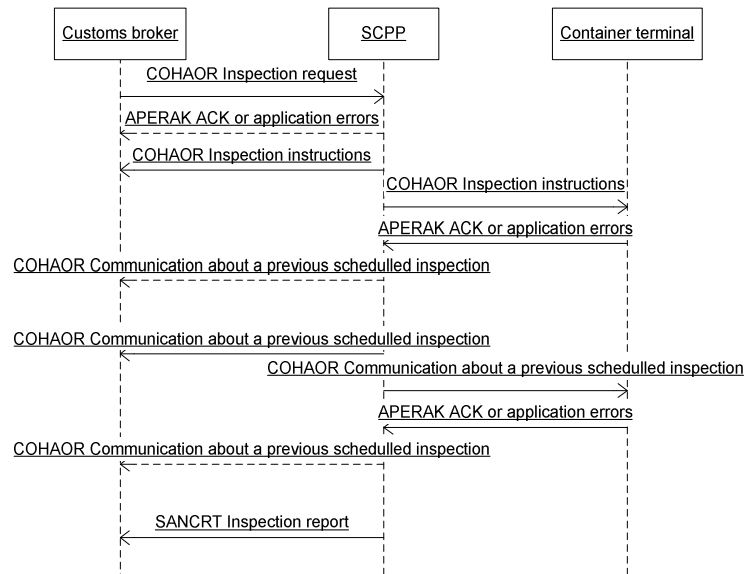
Fig. 1 Inspection at the Border Inspection Post or at the Non Intrusive Inspection area

In this scenario, the customs broker request for an inspection to the SCPP (COHAOR message with code "292" at DE1001) and the SCPP assigns some resources and a date for the inspection (COHAOR message with code "845" at DE1001). If some formal errors are detected, an APERAK message will be send, instead of the COHAOR message (this APERAK message is detailed on the ESMT – inbound and outbound land- procedure). A copy of this message is sent to the container terminal (COHAOR message with code "845" at DE1001) that can acknowledge the reception of this message or can answer with an error response if the container will not be at the terminal at the specified date (APERAK message).
If the container terminal rejects the informative message received, the SCPP can modify the scheduled date and propose a new one. The SCPP will send a message to the customs broker proposing a new date (1st use of the COHAOR message with code "846" at DE1001). After that, the new date has to be communicated to the container terminal and the answer could be in the same way that has been described before.
If the SCPP knows that the resources will not be available at the given date, the SCPP will send a message to the customs broker proposing a new date (2nd use of the COHAOR message with code "846" at DE1001) and must also send a copy to the container terminal (COHAOR message with code "846" at DE1001).
Sometimes the SCPP knows that the received information has some mistakes that can be solved replacing the information received by the correct one and the SCPP can update in its system the information received and can send a message to the customs broker with the information present in its system (3rd use of the COHAOR message with code "846" at DE1001) and must also send a copy to the container terminal (COHAOR message with code "846" at DE1001).

When the inspection has finalized, a message will be sent from the SCPP to the custom broker notifying this event (SANCRT message).

The second scenario is when the inspection will be executed at the container terminal yard. In this scenario the container terminal manages the necessary resources for the inspections and assigns dates and hours for those inspections. The Coordination Inspection Service must receive copy of all the interchanged messages. In this scenario, the customs broker requests for an inspection to the shipping agent (COHAOR message with code "292" at DE1001) and the shipping agent relays this message to the container terminal and the SCPP (COHAOR message with code "292" at DE1001). The customs broker must also send a copy of this message to the SCPP (COHAOR message with code "292" at DE1001).

The container terminal assigns some resources and sends a message to the shipping agent with the date for the inspection (COHAOR message with code "845" at DE1001). It may not accept the request for inspection when the container will not be at the terminal (COHAOR message with code "845" at DE1001 and code "27" at DE1225). The shipping agent must send a copy of this message to the customs broker (COHAOR message with code "845" at DE1001) and he also must send a copy to the SCPP (COHAOR message with code "845" at DE1001).

The custom broker, the shipping agent and the container terminal can agree the possibility of a direct communication from the customs broker to the container terminal. In this scenario, the shipping agent will be informed of the operations requested by the custom brokers.

When the container terminal knows that, at the given date, the container will not be positioned at the inspection area, it must send a message to the customs broker proposing a new date (COHAOR message with code "846" at DE1001) and must also sent a copy to the SCPP (COHAOR message with code "846" at DE1001).
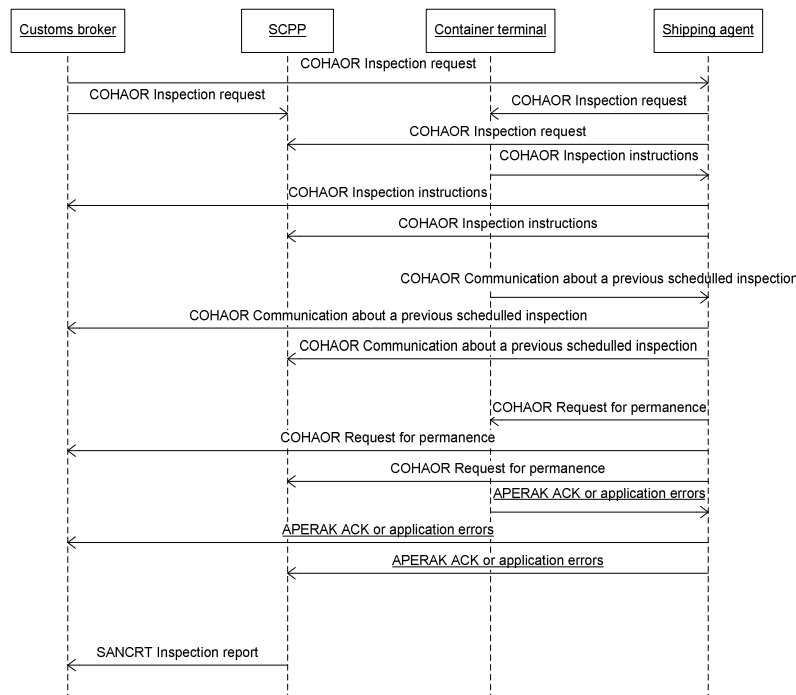
Fig. 2 Inspection at a specific area of the container terminal

For a positioned container, if it has not been possible to inspect during the day, the shipping agent can request for the permanence of the container at the inspection area (COHAOR message with code "847" at DE1001). The container terminal may acknowledge the reception of this message or may reject this operation when it will not have the resources for doing it (APERAK message).

When the inspection has finalized, a message will be sent from the SCPP to the custom broker notifying the event (SANCRT message).

STATUS INDICATORS AND USAGE INDICATORS

Status Indicators

Status Indicators (M and C) form part of the UN/EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure.

The Status Indicators are:-

Value	Description
M	Mandatory
	This entity must appear in all messages. Shown as Usage Indicator "M" in Implementation Guidelines.
C	Conditional
	This entity is used by agreement between the parties to the transaction.

A 'Conditional' Status Indicator may be represented by a supporting Usage Indicator which is either R, O, D or X (see below)

Usage Indicators

Throughout this document reference is made to indicators (M, R, D, O and X) which are shown adjacent to data items and which dictate for the particular message or set thereof the agreed usage of the data items or entities.

Set out below are the indicators and their respective uses:-

Value	Description
M	Mandatory
	Indicates that this item is mandatory in the message.
R	Required
	Indicates that this entity must be sent in this implementation.
D	Dependent
	Indicates that the use of the entity depends upon a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
O	Optional
	Indicates that this entity is at the need or discretion of the sender of the message.
X	Not Used

Indicates that the entity is not to be used in this message implementation.

Where an element within a composite is marked "M" or "R", but the composite has been marked "O" or "D", this indicates that the element must always be transmitted only if the composite is used.

Temporary codes

In this implementation there are used some codes that are not included in the UNCL. These are temporary codes. When those codes are used, they are between the "[" and the "]" characters. For example, ABT is a valid code for DE1153 (according to UNCL) and [SOF] is a temporary code.

SEGMENT TABLE

0010 UNH	UNH Message header	M	1		Mandatory
0020 BGM	BGM Beginning of message	M	1		Mandatory
0030 DTM	DTM Date/time/period	C	9		Optional
0040 FTX	FTX Free text	C	9		Dependent
0050	Segment group 1	C		9	Dependent
0060 RFF	RFF Reference	M	1		Mandatory
0070 DTM	DTM Date/time/period	C	9		Not Used
0080	Segment group 2	M		9	Mandatory
0090 NAD	NAD Name and address	M	1		Mandatory
0100 -	Segment group 3	C		9	Not Used
0110 CTA	CTA Contact information	M	1		Not Used
0120 COM	COM Communication contact	C	9		Not Used
0130	Segment Group 4	M		9999	Mandatory
0140 EQD	EQD Equipment details	M	1		Mandatory
0150 RFF	RFF Reference	C	9		Required
0160 DTM	DTM Date/time/period	C	9		Optional
0170 LOC	LOC Place/location identification	C	9		Optional
0180 FTX	FTX Free text	C	9		Optional
0190 GOR	GOR Governmental Requirements	C	9		Optional
0200 HAN	HAN Handling Instructions	C	9		Required
0210 MEA	MEA Measurements	C	9		Required
0220 PCD	PCD Percentage details	C	9		Not Used
0230	Segment Group 5	C		9	Optional
0240 TDT	TDT Details of transport	M	1		Mandatory
0250 DTM	DTM Date/time/period	C	9		Not Used
0260 -	Segment Group 6	C		9	Not Used
0270 LOC	LOC Place/location identification	M	1		Mandatory
0280 DTM	DTM Date/time/period	C	9		Not Used
0290 -	Segment Group 7	C		9	Not Used
0300 NAD	NAD Name and address	M	1		Mandatory
0310 -	Segment Group 8	C		9	Not Used
0320 CTA	CTA Contact information	C	1		Not Used
0330 COM	COM Communication contact	C	9		Not Used
0340	Segment Group 9	C		99	Optional
0350 DGS	DGS Name and address	M	1		Mandatory
0360 FTX	FTX Free text	C	9		Optional
0370 MEA	MEA Measurements	C	9		Not Used
0380 -	Segment Group 10	C		9	Not Used
0390 CTA	CTA Contact information	C	1		Not Used
0400 COM	COM Communication contact	C	9		Not Used
0410	Segment Group 11	C		9	Optional
0420 TMP	TMP Contact information	C	1		Optional
0430 RNG	RNG Communication contact	C	9		Optional
0440 CNT	CNT Control total	O	1		Optional
0450 UNT	UNT Message trailer	M	1		Mandatory

BRANCHING DIAGRAM
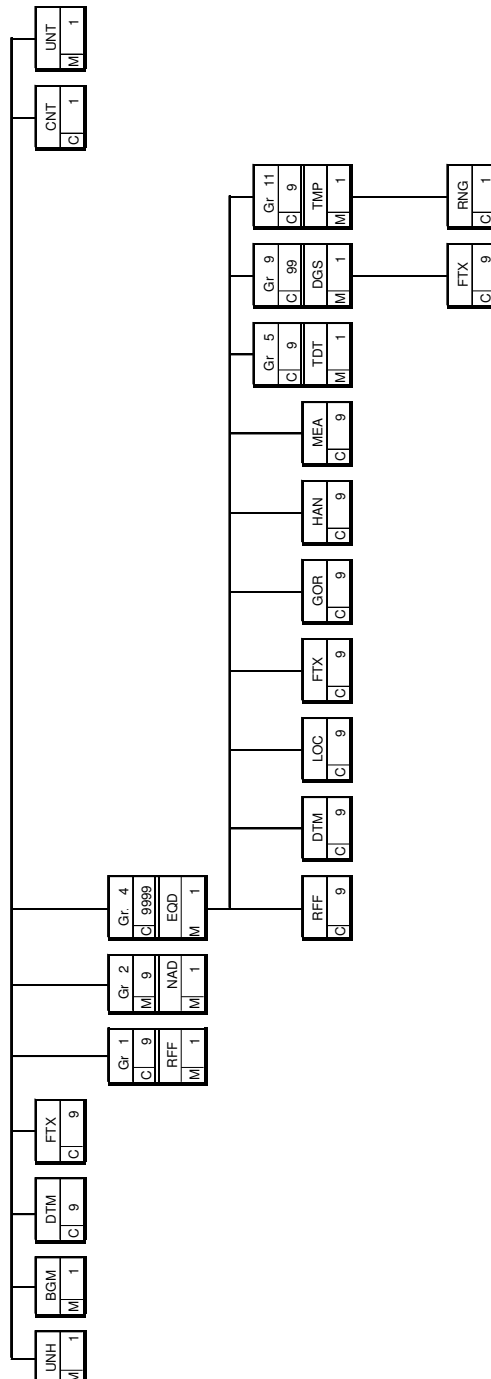
SEGMENTS

HEADER SECTION

M   UNH   MESSAGE HEADER

Segment Function:	To head and identify the message type and version.

Message Level:	Header
Segment Repeats:	1
Segment Status:	Mandatory
Segment Usage:	Mandatory
Sample Usage:	UNH+002408123456+COHAOR:D:00B:UN:FTLM10'

Clarification:	*The UNH segment must always be sent.*

M	0062	MESSAGE REFERENCE NUMBER	M an..14
R		*Message Reference Number*	
M	S009	MESSAGE IDENTIFIER	M
M	0065	Message Type Identifier	M an..6
R		*COHAOR*	
M	0052	Message Type Version Number	M an..3
R		*D*	
M	0054	Message Type Release Number	M an..3
R		*00B*	
M	0051	Controlling Agency	M an..2
R		*UN*	
R	0057	Association Assigned Code	C an..6
R		*[FTLM10] (Version 1.0)*	
X	0068	COMMON ACCESS REFERENCE	C an..35
X	S010	STATUS OF THE TRANSFER	C

M	BGM	BEGINNING OF MESSAGE

Segment Function:	To indicate the type and function of a message and to transmit the identifying number.
Message Level:	Header
Segment Repeats:	1
Segment Status:	Mandatory
Segment Usage:	Mandatory
Sample Segment:	BGM+292+B089876542008000234+9'
Clarification:	*The BGM segment must always be sent.* *The Express inspection request only will be available for several inspection services and places of inspection.*

R	C002	DOCUMENT/MESSAGE NAME	++C
R	1001	Document/message name, coded	C an..3

D   *292   Inspection request*
                        A message requesting a party to inspect items.

D   *[844] Express inspection request*
                        A message requesting a party to inspect items immediately.

D   *[845] Inspection instruction*
                        A message notifying a party from the assigned instructions for an inspection.

D   *[846] Communication about a previous scheduled inspection*
                        A message from the party in charge of the management of the positioning for inspection giving new details for the scheduled inspection.

D   *[847] Request for permanence at the inspection area*
                        A message from the shipping agent to the terminal requesting the maintenance of the equipment at the inspection area of the terminal.

X	1131	Code list qualifier	C an..3
X	3055	Code list responsible agency, coded	C an..3
X	1000	Document/message name	C an..35

R	1004	DOCUMENT/MESSAGE NUMBER	C an..35
R		Sender's Unique Internal Reference Number	

R	1225	MESSAGE FUNCTION, CODED	C an..3

               When 1001 is "292" or "844":
D   *1   Cancellation (cancel whole message)*
D   *9   Original (whole new message)*

               When 1001 is "845":
D   *27   Not accepted*
               (only when the party notified is the sender of the inspection request)
D   *29   Accepted without amendment*
D   *34   Accepted with amendment*

               When 1001 is "846":
D   *1   Cancellation (cancel whole message)*
D   *9   Original (whole new message)*

               When 1001 is "847":
D   *1   Cancellation (cancel whole message)*

```
D                    9        Original (whole new message)
```

```
X      4343    RESPONSE TYPE, CODED                                      C an..3
```

The following tables summarizes all the different combinations of sender, receiver, DE1001 and DE1225 according to the implemented scenario:

1ˢᵗ scenario: Inspections at the Border Inspection Post or at the Non Intrusive Inspection area

Sender	Receiver	Description of the message	DE1001	DE1225
Customs Broker	SCPP	Inspection request – Original	292/844	9
SCPP	Container terminal	Inspection request – Original	292/844	9
Customs Broker	SCPP	Inspection request – Cancelation	292/844	1
SCPP	Container terminal	Inspection request – Cancelation	292/844	1
SCPP	Customs Broker	Inspection instruction – Accepted without amendment	845	29
SCPP	Container terminal	Inspection instruction – Accepted without amendment	845	29
SCPP	Customs Broker	Inspection instruction – Accepted with amendment (change of proposed date)	845	34
SCPP	Container terminal	Inspection instruction – Accepted with amendment (change of proposed date)	845	34
SCPP	Customs Broker	Communication on a previous scheduled inspection - Original	846	9
SCPP	Container terminal	Communication on a previous scheduled inspection - Original	846	9
SCPP	Customs Broker	Communication on a previous scheduled inspection - Cancelation	846	1
SCPP	Container terminal	Communication on a previous scheduled inspection - Cancelation	846	1

2ⁿᵈ scenario: Inspections at the terminal

Sender	Receiver	Description of the message	DE1001	DE1225
Customs Broker	Shipping agent	Inspection request – Original	292/844	9
Shipping agent	Container terminal	Inspection request – Original	292/844	9
Shipping agent	SCPP	Inspection request – Original	292/844	9
Customs Broker	Shipping agent	Inspection request – Cancelation	292/844	1
Shipping agent	Container terminal	Inspection request – Cancelation	292/844	1
Shipping agent	SCPP	Inspection request – Cancelation	292/844	1
Container terminal	Shipping agent	Inspection instruction – Accepted without amendment	845	29
Shipping agent	Customs Broker	Inspection instruction – Accepted without amendment	845	29
Shipping agent	SCPP	Inspection instruction – Accepted without amendment	845	29
Container terminal	Shipping agent	Inspection instruction – Accepted with amendment (change of proposed date)	845	34
Shipping agent	Customs Broker	Inspection instruction – Accepted with amendment (change of proposed date)	845	34
Shipping agent	SCPP	Inspection instruction – Accepted with amendment (change of proposed date)	845	34
Container terminal	Shipping agent	Inspection instruction – Not accepted	845	27
Shipping agent	Customs Broker	Inspection instruction – Not accepted	845	27
Shipping agent	SCPP	Inspection instruction – Not accepted	845	27

Sender	Receiver	Description of the message	DE1001	DE1225
Container terminal	Shipping agent	Communication on a previous scheduled inspection – Original	846	9
Shipping agent	Customs Broker	Communication on a previous scheduled inspection – Original	846	9
Sender	**Receiver**	**Description of the message**	**DE1001**	**DE1225**
Shipping agent	SCPP	Communication on a previous scheduled inspection – Original	846	9
Container terminal	Shipping agent	Communication on a previous scheduled inspection – Cancelation	846	1
Shipping agent	Customs Broker	Communication on a previous scheduled inspection – Cancelation	846	1
Shipping agent	SCPP	Communication on a previous scheduled inspection – Cancelation	846	1
Shipping agent	Container terminal	Request for permanence – Original	847	9
Shipping agent	Customs Broker	Request for permanence – Original	847	9
Shipping agent	SCPP	Request for permanence – Original	847	9
Shipping agent	Container terminal	Request for permanence – Cancelation	847	1
Shipping agent	Customs Broker	Request for permanence – Cancelation	847	1
Shipping agent	SCPP	Request for permanence – Cancelation	847	1

O	DTM	DATE/TIME PERIOD

Segment Function: To specify date, and/or time, or period

Message Level: Header
Segment Repeats: 9
Segment Status: Conditional
Segment Usage: Required
Sample Segment: DTM+137:200802291235:203'

Clarification: The DTM at this level can be used to specify dates related to the message.
Only one occurrence of this segment is used. The document/message send date is required.

```
M    C507   DATE/TIME/PERIOD                              M
M    2005    Date/time/period qualifier                   M   an..3
R                      137     Message date/time

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

R    2379    Date/time/period format qualifier            C   an..3
R                      203     CCYYMMDDHMM
```

R   FTX   FREE TEXT

Segment Function:	To provide free form or coded text information.
Message Level:	Header
Segment Repeats:	9
Segment Status:	Conditional
Segment Usage:	Required
Sample Segments:	FTX+CHG++C4+CONTAINER HAS CHANGED'
	FTX+AEA++PX+PALLETIZED CARGO'
	FTX+AEA+++HANDLE WITH CARE'
	FTX+PAC++DR+64'
Clarification:	Comments.
	Code or clear text indication of the type of change with respect to the earlier sent message.
	One occurrence of this segment is required (type and number of packages) and three are optional (change information, cargo remarks and comments).

```
M    4451   TEXT SUBJECT QUALIFIER                          M  an..3
D                   AEA     Cargo remarks
D                   AFB     Comment
D                   CHG     Change information
R                   PAC     Packing/marking information
                            Information regarding the packaging and/or marking of goods.
                            It will be used to describe the type and number of packages.


X    4453   TEXT FUNCTION, CODED                            C  an..3


D    C107   TEXT REFERENCE                                  C
M    4441   Free text, coded                                M  an..17
                    When 4451 is "AEA":
O                   PX      For operational purposes, only when cargo is palletized it
                            must be used this data element with "AEA" in DE4451.
                            When 4451 is "CHG":
D                   [C1]    Message level information changed
D                   [C2]    Message level information added
D                   [C3]    Message level information deleted
D                   [C4]    Container information changed
D                   [C5]    Container(s) added
D                   [C6]    Container(s) deleted
R                           When 4451 is "PAC":
                            Use UN/ECE Recommendation number 21 (2 alpha code), e.g. "SA" Sack.
X                           When 4451 is "AFB" this data element will not be included.


X    1131   Code list qualifier                             C  an..17
X    3055   Code list responsible agency, coded             C  an..3


D    C108   TEXT LITERAL                                    C
M    4440   Free text                                       M  an..512
M                           When 4451 is "AEA":
                            General remarks referred to the container cargo, other than when the
                            cargo is palletized.
O                           When 4451 is "PAC":
                            Number of packages in the container.
O                           When 4451 is "AFB":
                            In the "Inspection instructions message" or the "Communication about a
                            previous scheduled inspection message" from scenarios 1 and 2, and in
                            the "rejection message" defined in scenario 2 it is possible to include
                            some comments.


O    4440   Free text                                       C  an..512
O    4440   Free text                                       C  an..512
```

O	4440	Free text	C	an..512
O	4440	Free text	C	an..512

X	3453	LANGUAGE NAME CODE	C	an..3

X	4447	FREE TEXT FORMAT CODE	C	an..3

M   SEGMENT GROUP 1 - RFF

Group Function:	A group of segments to specify references relating to the whole message.
Group Repeats:	9
Group Status:	Conditional
Group Usage:	Dependent
Clarification:	*The RFF Group should be used in the case of changes to information transmitted in a previous message.*

D   RFF   REFERENCE

Segment Function:	To specify a reference.
Message Level:	Group 1
Segment Repeats:	1
Segment Status:	Mandatory
Segment Usage:	Mandatory
Sample Segment:	RFF+ACW:002408000021'
Clarification:	To specify references applicable to the whole message, such as the previous message reference.
	One occurrence of this segment is required (reference to a previous message) when the function of the message is other than "original" or when the message name is other than "inspection request". There are two more optional occurrences for the freight forwarder's reference and a reference to identify a group of containers that have to be inspected together.

```
M   C506  REFERENCE                                       M
M   1153  Reference qualifier                     M an..3
D               ACW   Reference to a previous message
                      Must be used when the document/message name (DE1001 in
                      segment BGM)is other than "292" and the message function
                      (DE1225 in segment 2005) is other than Original (e.g. in case
                      of a replacement message). In both situations, a reference to
                      the previous message has to be sent in the data element 1154
                      of this segment and the reference has to be the
                      document/message number (DE1004 in segment BGM of the
                      previous message).
D               FF    Freight forwarder's reference number
                      Freight forwarder's reference for this consignment.
D               AST   Group reference number
                      When several containers have to be inspected together, it
                      must be declared the number that identifies these group of
                      containers.

R   1154  Reference number                               C an..35
R                     Number. When the SCPP has received the request for an
                      inspection manually (in a paper form, because the sender was
                      not able to send an EDI message) this number will start with
                      the string "MANUAL".

D   1156  Line number                                    C an..6
D                     When several containers have to be inspected together, it
                      must be declared the total number of containers (only when
                      de1153 is "AST")

X   4000  Reference version number                       C an..35
```

<div style="border:1px solid black">

M   SEGMENT GROUP 2 - NAD

Group Function:	A group of segments to identify a party and/or addresses and related contacts.

Group Repeats: 9
Group Status: Mandatory
Group Usage: Mandatory

Clarification: *This segment group is mandatory in the message and must always be used.*

</div>

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M   NAD   NAME AND ADDRESS

Segment Function: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Message Level: Group 2
Segment Repeats: 1
Segment Status: Mandatory
Segment Usage: Mandatory
Sample Segment: NAD+MS+B08987654+CONSIGNATARIO_A'

Clarification: The NAD segment at this level must always be sent. It identifies parties associated with the equipment release(s) transmitted in the message.
Three occurrences of this segment are required for containerized cargo (message sender, shipping agent and invoicee). For break bulk cargo, shipping agent will be optional.
There are two possibilities for declaring party details: use only the C058 composite or the composites C080 (name) and C059 (street) and the data elements 3164 (city name), 3229 (country sub-entity), 3251 (postcode) and 3207 (country, coded). In this implementation, it is recommended the second alternative

</div>

```
M    3035  PARTY QUALIFIER                           M an..3
R                 MS      Message Sender
D                 CN      Consignee (in this message implementation guidelines, this
                          code is used for the shipping agent details). Mandatory for
                          containerized cargo.
R                 IV       Invoicee (must be sent where the message sender differs from
                           the invoicee)

D    C082  PARTY IDENTIFICATION DETAILS              C

M    3039   Party id. identification                 M an..35
R                 NIF/CIF

O    1131   Code list qualifier                      C an..3
O    3055   Code list responsible agency, coded      C an..3

D    C058  NAME AND ADDRESS                          C
M    3124   Name and address line                    M an..35
O    3124   Name and address line                    C an..35
O    3124   Name and address line                    C an..35
O    3124   Name and address line                    C an..35
O    3124   Name and address line                    C an..35

D    C080  PARTY NAME                                C
M    3036   Party name                               M an..35
O    3036   Party name                               C an..35
O    3036   Party name                               C an..35
O    3036   Party name                               C an..35
```

```
O     3036   Party name                                    C an..35
O     3045   Party name format, coded                      C an..3

D     C059   STREET                                        C
M     3042   Street and number/p.o. box                    M an..35
O     3042   Street and number/p.o. box                    C an..35
O     3042   Street and number/p.o. box                    C an..35

O     3164   CITY NAME                                     C an..35
O     3229   COUNTRY SUB-ENTITY IDENTIFICATION             C an..9
O     3251   POSTCODE IDENTIFICATION                       C an..9
O     3207   COUNTRY, CODED                                C an..3
```
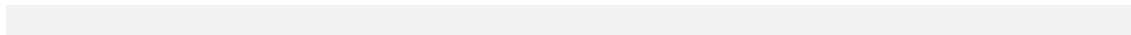
R   SEGMENT GROUP 4 – EQD

Group Function: A group to specify the containers to be released.

Group Repeats: 999
Group Status: Mandatory
Group Usage: Mandatory

Clarification: *The EQD Group must always be transmitted. Only one occurrence of this group will be sent.*

M   EQD   EQUIPMENT DETAILS

Segment Function: To identify a unit of equipment.

Message Level: Group 4
Segment Repeats: 1
Segment Status: Mandatory
Segment Usage: Mandatory
Sample Segments: EQD+CN+RRRU1234560:55+45R1' (for container cargo)
EQD+BB+BULK12300' (for break bulk cargo)

Clarification: To specify container or equipment details.
The EQD segment must always be sent.

```
M   8053   EQUIPMENT QUALIFIER                          M an..3
D                      CN     Container
D                      BB     Break bulk

R   C237   EQUIPMENT IDENTIFICATION                     C
R   8260   Equipment identification number              C an..17
D                      Equipment Number
                       Container numbers must include both prefix and number, expressed as a
                       contiguous string without spaces or hyphens.
D                      Break bulk identification
                       For break bulk cargo it must be used the following string:   "BULK"
                       plus the weight of the goods item expressed in Kgr., as a contiguous
                       string without spaces or hyphens. E.g. "BULK25" when its weight is 25
                       Kgr. and "BULK1200" if its weight is 1,200 Kgr.

D   1131   Code list qualifier                          C an..3
D                      55     Quality conformance
                       Use this code when the equipment identification number is ISO6346
                       compliant and the control digit is calculated according to this
                       standard. Otherwise, skip this data element.
X   3055   Code list responsible agency, coded          C an..3
X   3207   Country, coded                               C an..3

D   C224   EQUIPMENT SIZE AND TYPE                      C
D                      ISO6346 code for size and type
                       Use this code when it is containerized cargo.

R   8155   Equipment size and type identification       C an..10
R                      Equipment Size and type
                       Container size and type according to ISO6346 codes.

X   1131   Code list qualifier                          C an..3

X   3055   Code list responsible agency, coded          C an..3
```

X	8154	Equipment size and type	C an..35
X	8077	EQUIPMENT SUPPLIER, CODED	C an..3
X	8249	EQUIPMENT STATUS, CODED	C an..3
X	8169	FULL/EMPTY INDICATOR, CODED	C an..3

M   RFF   REFERENCE

Segment Function: To specify a reference.

Message Level: Group 4
Segment Repeats: 9
Segment Status: Conditional
Segment Usage   Required
Sample Segment: RFF+Z23+2008/003456'

Clarification: To specify references related to the container.
For containerized cargo, at least two repetitions must always be sent. One for the ship's stay reference, that is always required, and another for the regulatory body that may inspect the goods. It can be one or more than one regulatory bodies and, in this segment, has to be declared the number of the request for inspection sent to them.

```
M     C506   REFERENCE                                      M
M     1153   Reference qualifier                            M  an..3
D            ATZ     Ship's stay reference number
                     Reference number assigned by a port authority to the stay of
                     a vessel in the port.
                     Mandatory for containerized cargo.
                     For goods unloaded at the Port, even if they are going to be
                     transshipped to another vessel, it must be declared the
                     ship's stay reference of the vessel from where the goods have
                     been unloaded.
                     For goods that will be loaded at the Port, only if they do
                     not proceed from a transshipment from another vessel, it must
                     be declared the ship's stay reference of the vessel to where
                     the goods will be loaded.

It has to be declared the regulatory body that has requested the physical inspection (it
could be more than one).

             [Z05]   Customs
                     Customs authorities.
             [Z20] Sanidad Vegetal – Phytosanitary
                     Government agency responsible for the inspection of
                     vegetable substances being imported.
             [Z21] Sanidad Animal – Veterinary
                     Government agency responsible for the for the importation of
                     live animals and for the inspection of animal food.
             [Z22] Sanidad Exterior – animal products
                     Government agency responsible for public health matters.
                     Animal products.
             [Z23] Sanidad Exterior – vegetal products
                     Government agency responsible for public health matters.
                     Vegetal products.
             [Z24] Farmacia
             [Z25] SOIVRE – Quality controls
             [Z26] SOIVRE – CITES
             [Z27] SOIVRE – Safety controls
             [Z28] Vigilancia aduanera
             [Z30] ARB – Risk analysis team from Barcelona
             [Z99] Other


R     1154   Reference number                               C  an..35
D            If DE1153 is "ATZ" it must be declared the Ship's stay reference
             number.

D            If DE1153 is "Z05", "Z28" or "Z30" it must be declared the Customs
             declaration number.
```

D		If DE1153 is "Z25", "Z26" or "Z27" it must be declared the number of the request for commercial quality controls (SOIVRE).
D		If DE1153 is "Z22" or "Z23", it must be declared the number of the request for public health safety controls (Sanidad Exterior).
D		If DE1153 is "Z21", it must be declared the number of the request for animal health safety controls (Sanidad Animal).
D		If DE1153 is "Z20", it must be declared the number of the request for phytosanitary controls (Sanidad Vegetal).
D		If DE1153 is "Z24", it must be declared the number of the request for pharmaceutical controls (Farmacia).

| X | 1156 | Line number | C an..6 |
| X | 4000 | Reference version number | C an..35 |

R   DTM   DATE/TIME PERIOD

Segment Function: To specify date, and/or time, or period

Message Level: Group 4
Segment Repeats: 9
Segment Status: Conditional
Segment Usage: Required
Sample Segments: DTM+64:20080302:102'
          DTM+64:200803020800:203'

Clarification: To specify dates relating to the equipment.
          Only one occurrence of this segment is required.

          Time will be used for identifying positioning periods and, for those, a convention will be applied:
          * If the operator only can choose between mornings and afternoons:
          * - 08:00 will stand for the "morning period"*
          * - 14:00 will stand for the "afternoon period"*
          * If the day is divided in more periods, the starting time of the period will be declared: i.e. if the period is from 11:00 to 14:00, it has to be declared 11:00.
          Each inspection service will establish their inspection operation hours and always they will be identified using their initial time.

```
M    C507  DATE/TIME/PERIOD                              M
M    2005  Date/time/period qualifier                   M  an..3
R                For  the  request  for  positioning  for  inspection  and  the  request  for
          permanence at the inspection area:
                    64      Delivery date/time, earliest
                            Goods have to be positioned the date included in the data
                            element 2380 or after this data.
          When the container terminal or the SCPP assign a positioning date:
                    76      Delivery date/time, scheduled for


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


R    2379  Date/time/period format qualifier            C  an..3
R                102     CCYYMMDD
R                203     CCYYMMDDHHMM
```

> # R   LOC   PLACE/LOCATION IDENTIFICATION
>
> Segment Function: To identify a country/place/location/ related location one/related location two.
>
> Message Level: Group 4
> Segment Repeats: 9
> Segment Status: Conditional
> Segment Usage: Required
> Sample Segment: LOC+14+A08123456+ZONA_2'
>
> Clarification: To specify locations relating to the equipment.
>   *When cargo is containerized, two occurrences must be sent. One for the terminal where goods are located and another for the facility where goods will be positioned.*

```
R    3227  PLACE/LOCATION QUALIFIER                    M an..3
D                      14      Location of goods
R                      229     Inspection site

R    C517  LOCATION IDENTIFICATION                     C
R    3225   Place/location identification              C an..25
D                      For location of goods (code "14" in DE3227), it must be used the
                       CIF/NIF from the terminal of origin (1st scenario) or the terminal
                       where the equipment will be inspected (2nd scenario)("location of
                       goods" is mandatory for containerized cargo).
                       For inspection site (code "229" in DE3227), the following temporary
                       codes must be used:
D                      [BIP]   Border inspection post (PIF in Spanish)(1st scen.)
D                      [BRT]   Barcelona Reefer Terminal (1st scenario)
D                      [NII]   Non Intrusive Inspection area (1st scenario)
D                      [YRD]   Terminal yard (2nd scenario)
D                      [WAR]   Terminal warehouse (2nd scenario)
D                      [PDI]   PDI - Import designated points (Puntos designados de
                       importación)(2nd scenario)

X    1131  Code list qualifier                         C an..3
X    3055  Code list responsible agency, coded         C an..3
X    3224  Place/location                              C an..17

O    C519  RELATED LOCATION ONE IDENTIFICATION         C
R    3223  Related place/location one identification   C an..25
R                      Special code used when the terminal has more than one location (only
                       with code "14" in DE3227

X    1131  Code list qualifier                         C an..3
X    3055  Code list responsible agency, coded         C an..3
X    3222  Related place/location one                  C an..70

X    C553  RELATED LOCATION TWO IDENTIFICATION         C
X    3233  Related place/location two identification   C an..25
X    1131  Code list qualifier                         C an..3
X    3055  Code list responsible agency, coded         C an..3
X    3232  Related place/location two                  C an..70

X    5479  RELATION, CODED                             C an..3
```

R   FTX   FREE TEXT

Segment Function: To provide free form or coded text information.

Message Level: Group 4
Segment Repeats: 9
Segment Status: Conditional
Segment Usage: Required
Sample Segment: FTX+AAA++0311+PESCADO'

Clarification: Coded or clear text information related to equipment.
Only one occurrence of this segment is required.

M	4451	TEXT SUBJECT QUALIFIER	M	an..3
D		*AAA Goods description*		
X	4453	TEXT FUNCTION, CODED	C	an..3
R	C107	TEXT REFERENCE	C	
M	4441	Free text, coded	M	an..17
M		*Use the Combined Nomenclature.*		
X	1131	Code list qualifier	C	an..17
X	3055	Code list responsible agency, coded	C	an..3
R	C108	TEXT LITERAL	C	
R		*Description of goods*		
M	4440	Free text	M	an..512
O	4440	Free text	C	an..512
O	4440	Free text	C	an..512
O	4440	Free text	C	an..512
O	4440	Free text	C	an..512
X	3453	LANGUAGE NAME CODE	C	an..3
X	4447	FREE TEXT FORMAT CODE	C	an..3

```
R     GOR          GOVERNMENTAL REQUIREMENTS
```

Segment Function:	To indicate the requirement for a specific governmental action and/or procedure or which specific procedure is valid for a specific part of the transport. To provide free form or coded text information.
Message Level:	Group 4
Segment Repeats:	9
Segment Status:	Conditional
Segment Usage:	Required
Sample Segment:	GOR++23::4'
Clarification:	Coded or clear text information related to equipment
	Only one occurrence of this segment must be sent

```
R     8323  TRANSPORT MOVEMENT, CODED                    C  an..3
            1     Export
                    Self explanatory.
            2     Import
                    Self explanatory.
            3     Transit
                    The cargo is moving in transit through a country and
                    will not become part of the commerce of that country.
            5     Transshipment
                    The cargo is being moved by more than one transport
                    means in succession.

O     C232  GOVERNMENT ACTION                             C
X     9415  Government agency, coded                      C  an..3

X     9411  Government involvement, coded                 C  an..3

O     9417  Government action, coded                      C  an..3
              4 Inspection
                 The cargo has been or will be inspected.
              [12] Customer requirements
                 The action has been requested by the customer.
              [99] Other

X     9353  Government procedure, coded                   C  an..3

X     C232  GOVERNMENT ACTION                             C
X     9415  Government agency, coded                      C  an..3
X     9411  Government involvement, coded                 C  an..3
X     9417  Government action, coded                      C  an..3
X     9353  Government procedure, coded                   C  an..3

X     C232  GOVERNMENT ACTION                             C
X     9415  Government agency, coded                      C  an..3
X     9411  Government involvement, coded                 C  an..3
X     9417  Government action, coded                      C  an..3
X     9353  Government procedure, coded                   C  an..3

X     C232  GOVERNMENT ACTION                             C
X     9415  Government agency, coded                      C  an..3
X     9411  Government involvement, coded                 C  an..3
X     9417  Government action, coded                      C  an..3
X     9353  Government procedure, coded                   C  an..3
```

R	**HAN**	**HANDLING INSTRUCTIONS**

Segment Function: To specify handling and where necessary, notify hazards.

Message Level: Group 4
Segment Repeats: 1
Segment Status: Conditional
Segment Usage: Required
Sample Segment: HAN+11'

Clarification: The HAN segment is to be used once only, to nominate a specific handling or service instruction for a container or group of containers.
Only one instruction would be indicated. If different services request different operations, it will be necessary to take the most restrictive.

```
R    C524    HANDLING INSTRUCTIONS                              C
R    4079    Handling instructions, coded                      C an..3
R            Requested operation
             [11]   Inspection
             [12]   Partially unloaded (pasillo)
             [14]   Fully unloaded with recount/classification
             [15]   Transfer (trasvase)
             [16]   Positioning
             [17]   Fumigation. The cargo has been or will be fumigated.
             [18]   Ventilation. The cargo has been or will be ventilated.
             [19]   Ventilation with 5 days of permanence.
             [99]   Other (specify)

X    1131    Code List Qualifier                               C an..3
X    3055    Code list responsible agency, coded               C an..3

D    4078    Handling Instructions                             C an..70
D            If 4079 is "other", specify the requested operation

X    C218    HAZARDOUS MATERIAL                                C
X    7419    Free Text                                         C an..4
X    1131    Free Text                                         C an..3
X    3055    Free Text                                         C an..3
```

O	**MEA**	**MEASUREMENTS**

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

Message Level: Group 4
Segment repeats: 9
Segment status: Conditional
Segment Usage: Optional
Sample Segments: MEA+AAE+G+KGM:1425' (weight of the goods to be inspected)
     MEA+AAE+AAD+KGM:18130' (total gross weight of the container)

Clarification: To specify the weights or volumes of the goods item or the specified part thereof in the specified container in SGP.
A second occurrence could be possible if it is necessary to inform about the total weight of the goods at the means of transport (i.e. containers, trailers,...) that has to be inspected.

```
R    6311   MEASUREMENT APPLICATION QUALIFIER                    M an..3
R                   AAE     Measurement

R    C502   MEASUREMENT DETAILS                                  C
R    6313      Measurement dimension, coded                      C an..3
R                   G       Gross Weight
O                   AAD     Total Gross Weight

X    6321      Measurement significance, coded                   C an..3
X    6155      Measurement attribute, coded                      C an..3

R    C174   VALUE/RANGE                                          C
R    6411      Measure unit qualifier                            M an..3
R                   KGM     Kilogram

R    6314      Measurement value                                 C n..18
R                   Weight

X    6162      Range minimum                                     C n..18
X    6152      Range maximum                                     C n..18

X    7383   SURFACE/LAYER INDICATOR, CODED                       C an..3
```

D   SEGMENT GROUP 5 - TDT

Group Function:	A Group of segments to indicate details of inland movement of equipment.
Group Repeats:	9
Group Status:	Conditional
Group Usage:	Dependent
Clarification:	The TDT at this level is used to specify transport arrangements beyond the location from which the equipment is released. *It will be mandatory for import and containerized cargo.*

M   TDT   DETAILS OF TRANSPORT

Segment Function:	To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.
Message Level	Group 5
Segment Repeats:	1
Segment Status:	Mandatory
Segment Usage:	Mandatory
Sample Segment:	TDT+20++1++CCCU:::CARRIER_NAME+++1234567:::VESSEL_NAME'
Clarification:	*The TDT must be used if Group 5 is used.*

```
M    8051   TRANSPORT STAGE QUALIFIER                M an..3
M                  20     Main-carriage Transport

X    8028   CONVEYANCE REFERENCE NUMBER              C an..17

R    C220   MODE OF TRANSPORT                        C
R    8067   Mode of transport, coded                 C an..3
R                  1      Maritime

X    8066   Mode of transport                        C an..17

X    C228   TRANSPORT MEANS                          C
X    8179   Type of means of transport identification  C an..8
X    8178   Type of means of transport               C an..17

O    C040   CARRIER                                  C
R    3127   Carrier identification                   C an..17
R                  Carrier code

X    1131   Code list qualifier                      C an..3
X    3055   Code list responsible agency, coded      C an..3

O    3128   Carrier name                             C an..35
R                  Carrier name (free text)

X    8101   TRANSIT DIRECTION, CODED                 C an..3

X    C401   EXCESS TRANSPORTATION INFORMATION        C
X    8457   Excess transportation reason, coded      M an..3
X    8459   Excess transportation responsibility, coded  M an..3
X    7130   Customer authorisation number            C an..17

R    C222   TRANSPORT IDENTIFICATION                 C
R    8213   Id. of means of transport identification  C an..9
R                  Lloyd's Number
```

```
X    1131  Code list qualifier                      C an..3
X    3055  Code list responsible agency, coded      C an..3
R    8212  Id. of the means of transport            C an..35
R                    Vessel name (free text)

X    8453  Nationality of means of transport, coded C an..3

X    8281  TRANSPORT OWNERSHIP, CODED               C an..3
```

D   SEGMENT GROUP 9 - DGS

Group Function:	A Group of segments to indicate the dangerous goods details related to the goods item.
Group repeats:	9
Group status:	Conditional
Group Usage:	Dependent
Clarification:	To specify the dangerous goods details related to the goods item. *When dangerous goods are stored in the container, an occurrence of this group will be used: When there are several dangerous goods in the same container, the most dangerous one must be declared.*

M   DGS   DANGEROUS GOODS

Function:	To identify dangerous goods
Message Level:	Group 9
Segment Repeats:	1
Segment Status:	Mandatory
Segment Usage:	Mandatory
Sample Segment:	DGS+IMD+3.2+1194+-21.0:CEL'
Clarification:	The DGS must be sent if Group 9 is used. It should be used in conjunction with the FTX segment which follows. *The DGS segment must be used when segment group 9 is used.*

```
R     8273   DANGEROUS GOODS REGULATIONS, CODED          C  an..3
R                    IMD     IMO IMDG Code

R     C205   HAZARD CODE                                 C
R     8351   Hazard code identification                  M  an..7
R                    IMDG Class Number

X     8078   Hazard substance/item/page number           C  an..7

X     8092   Hazard code version number                  C  an..10

R     C234   UNDG INFORMATION                            C
R     7124   UNDG number                                 C  n4
R                    UNDG number

X     7088   Dangerous goods flashpoint                  C  an..8

X     C223   DANGEROUS GOODS SHIPMENT FLASHPOINT         C
X     7106   Shipment flashpoint                         C  n3

X     6411   Measure unit qualifier                      C  an..3

R     8339   PACKING GROUP, CODED                        C  an..3
R                    Packing group

X     8364   EMS NUMBER                                  C  an..6

X     8410   MFAG                                        C  an..4

X     8126   TREM CARD NUMBER                            C  an..10

X     C235   HAZARD IDENTIFICATION                       C
```

```
X      8158   Hazard identification number, upper part      C   an..4
X      8186   Substance identification number, lower part   C   an4

X      C236   DANGEROUS GOODS LABEL                         C
X      8246   Dangerous goods label marking                 C   an..4
X      8246   Dangerous goods label marking                 C   an..4
X      8246   Dangerous goods label marking                 C   an..4

X      8255   PACKING INSTRUCTION, CODED                    C   an..3

X      8325   CATEGORY OF MEANS OF TRANSPORT, CODED          C   an..3

X      8211   PERMISSION FOR TRANSPORT, CODED               C   an..3
```

<div style="border:1px solid black">

R   FTX   FREE TEXT

Segment Function :   To provide free form or coded text information.

Message Level: Group 9
Segment repeats: 9
Segment status: Conditional
Segment Usage: Required
Sample Segment: FTX+AAD+++CLORHIDRIC ACID'

Clarification: To specify the textual information of the dangerous goods, such as proper shipping
                            name and additional dangerous goods information.
                            When dangerous goods are stored in the container, one or two occurrences of this
                            group will be used.

</div>

R	4451	TEXT SUBJECT QUALIFIER		M an..3
R		*AAD*	*Dangerous goods technical name*	
O		*AAC*	*Dangerous goods additional information*	
X	4453	TEXT FUNCTION, CODED		C an..3
X	C107	TEXT REFERENCE		C
X	4441	Free text, coded		M an..17
X	1131	Code list qualifier		C an..17
X	3055	Code list responsible agency, coded		C an..3
R	C108	TEXT LITERAL		C
R	4440	Free text		M an..512
O	4440	Free text		C an..512
O	4440	Free text		C an..512
O	4440	Free text		C an..512
O	4440	Free text		C an..512
R		*Dangerous goods technical name or Additional dangerous goods*		
		information		
X	3453	LANGUAGE NAME CODE		C an..3
X	4447	FREE TEXT FORMAT CODE		C an..3

D SEGMENT GROUP 11 - TMP

Group Function:	A segment group to identify transport related temperature settings.
Group Repeats:	9
Group Status:	Conditional
Group Usage:	Dependent
Clarification:	*When controlled temperature goods are stored in the container, an occurrence of this group has to be used.*

M TMP TEMPERATURE

Segment Function:	A segment to specify the type of transport related temperature such as storage, transport or operating temperature and also to optionally specify a single value temperature setting.
Message Level:	Group 11
Segment Repeats:	1
Segment Status:	Mandatory
Segment Usage:	Mandatory
Sample Segment:	TMP+2+-21.0:CEL'
Clarification:	To specify temperature settings for the container. *The TMP segment must be used when segment group 11 is used.*

```
R      6245    TEMPERATURE QUALIFIER                          M      an..3
R               2        Transport temperature

O      C239    TEMPERATURE SETTING                            C
R      6246     Temperature setting                           C      n3
R               Temperature setting of the container.

O      6411     Measure Unit qualifier                        C      an..3
D               CEL      Celsius
D               FAH      Degree Fahrenheit
```

O	**RNG**	**RANGE DETAILS**

Segment Function: To specify a range.

Message Level: Group 11
Segment Repeats: 1
Segment Status: Conditional
Segment Usage: Optional
Sample Segment: RNG+5+CEL:2:6'

Clarification: The RNG segment may be used if a range of temperatures is to be specified. It
                         should always be used in conjunction with the preceding TMP segment.

M	6167	RANGE TYPE QUALIFIER		M	an..3
M		*5*	*Temperature Range*		
R	C280	RANGE		C	
M	6411	Measure unit qualifier		M	an..3
D		*CEL*	*Celsius*		
D		*FAH*	*Fahrenheit*		
R	6162	Range Minimum		C	n..18
R			*Lowest temperature*		
R	6152	Range Maximum		C	n..18
R			*Highest temperature*		

O	CNT	CONTROL TOTAL

Segment Function: To provide control total.

Message Level: Header
Segment Repeats: 1
Segment Status: Conditional
Segment Usage: Optional
Sample Segment: CNT+11:125'

Clarification: The CNT segment will be used when the total number of packages contained on a container/means of transport would have to be declared.

```
M     C210    CONTROL                                          M      1
M     6069    Control total type code qualifier                M      an..3
M             11      Total number of packages

M     6066    Control total value                              M      n..18
M             Total number of packages

X     6411    Measurement unit code                            C      an..3
```

M	UNT	MESSAGE TRAILER

Segment Function: To end and check the completeness of a message.

Message Level: Summary
Segment Repeats: 1
Segment Status: Mandatory
Segment Usage: Mandatory
Sample Segment: UNT+28+002408123456'

Clarification: *The UNT must always be sent.*

M	0074	NUMBER OF SEGMENTS IN A MESSAGE	M n..6
R		*Number of segments in the message including UNH and UNT.*	

M	0062	MESSAGE REFERENCE NUMBER	M an..14
R		*Same reference as in 0062 in UNH.*	

DATA SET

Data interchanged in this message:

Data item	Group	Segment	Element		Inspection request	Inspection instruction	Com. about a previous instruction	Request for perma-nence
Message date/time	Header	DTM	C507/2005	"137"	R	R	R	R
	Header	DTM	C507/2380	Message date/time CCYYMMDDHHMM	R	R	R	R
	Header	DTM	C507/2379	"203"	R	R	R	R
Cargo remarks	Header	FTX	4451	"AEA"	O	O	O	O
	Header	FTX	C107/4441	Not used	X	X	X	X
	Header	FTX	C108/4440	General remarks	O	O	O	O
Cargo remarks	Header	FTX	4451	"AEA"	O	O	O	O
	Header	FTX	C107/4441	"FX"	O	O	O	O
	Header	FTX	C108/4440	Palletized cargo	O	O	O	O
Change information	Header	FTX	4451	"CHG"	O	X	O	O
	Header	FTX	4453	Not used	X	X	X	X
	Header	FTX	C107/4441	Use codes	O	X	O	O
	Header	FTX	C108/4440	Not used	O	X	O	O
Packing/marking information	Header	FTX	4451	"PAC"	R	R	R	R
	Header	FTX	C107/4441	UN/ECE rec.21	R	R	R	R
	Header	FTX	C108/4440	Packages	R	R	R	R
Reference to a previous message	1	RFF	C506/1153	"ACW"	O	O	O	O
	1	RFF	C506/1154	Ref. previous message	O	O	O	O
	1	RFF	C506/1156	Not used	O	O	O	O
Freight forwarder's reference number	1	RFF	C506/1153	"FF"	O	O	O	O
	1	RFF	C506/1154	Common reference to other containers	O	O	O	O
	1	RFF	C506/1156	Not used	O	O	O	O
Group reference number	1	RFF	C506/1153	"AST"	O	O	O	O
	1	RFF	C506/1154	Group reference number	O	O	O	O
	1	RFF	C506/1156	Total number of containers in the group	O	O	O	O
Message sender	2	NAD	3035	"MS"	R	R	R	R
	2	NAD	C082/3039	NIF/CIF	R	R	R	R
	2	NAD	C058/3124	Sender's name	R	R	R	R
Consignee	2	NAD	3035	"CN"	D	D	D	D
	2	NAD	C082/3039	NIF/CIF	D	D	D	D
	2	NAD	C058/3124	Shipping agent's name	D	D	D	D
Invoicee	2	NAD	3035	"IV"	O	O	O	O
	2	NAD	C082/3039	NIF/CIF	O	O	O	O
	2	NAD	C058/3124	Invoicee's name	O	O	O	O
Equipment number	4	EQD	8053	"CN"	R	R	R	R
	4	EQD	C237/8260	Equipment number	R	R	R	R
	4	EQD	C237/1131	Quality conformance	D	D	D	D
	4	EQD	C224/8155	Equipment size/tipe ISO6346	R	R	R	R
Ship's stay reference number	4	RFF	C506/1153	"ATZ"	D	D	D	D
	4	RFF	C506/1154	Ship's stay reference number	D	D	D	D
Customs inspection	4	RFF	C506/1153	"Z05"	D	D	D	D
	4	RFF	C506/1154	Single Administrative Document	D	D	D	D
"Vigilancia aduanera" inspection	4	RFF	C506/1153	"Z28"	D	D	D	D

	4	RFF	C506/1154	Single Administrative Document	D	D	D	D
ARB inspection (Risk Analysis Team)	4	RFF	C506/1153	"Z30"	D	D	D	D
	4	RFF	C506/1154	Single Administrative Document	D	D	D	D
Sanidad Exterior – animal products inspection	4	RFF	C506/1153	"Z22"	D	D	D	D
	4	RFF	C506/1154	Public health Inspection request number	D	D	D	D
Sanidad Exterior – vegatal products inspection	4	RFF	C506/1153	"Z23"	D	D	D	D
	4	RFF	C506/1154	Public health Inspection request number	D	D	D	D
Phytosanitary (Sanidad Vegetal) inspection	4	RFF	C506/1153	"Z20"	D	D	D	D
	4	RFF	C506/1154	Phytosanitary Inspection request number	D	D	D	D
Sanidad Animal inspection	4	RFF	C506/1153	"Z21"	D	D	D	D
	4	RFF	C506/1154	"Sanidad Animal" Inspection request number	D	D	D	D
Pharmacy inspection	4	RFF	C506/1153	"Z24"	D	D	D	D
	4	RFF	C506/1154	Pharmacy Inspection request number	D	D	D	D
SOIVRE – Quality control inspection	4	RFF	C506/1153	"Z25"	D	D	D	D
	4	RFF	C506/1154	SOIVRE Inspection request number	D	D	D	D
SOIVRE – CITES inspection	4	RFF	C506/1153	"Z26"	D	D	D	D
	4	RFF	C506/1154	SOIVRE Inspection request number	D	D	D	D
SOIVRE – Safety control inspection	4	RFF	C506/1153	"Z27"	D	D	D	D
	4	RFF	C506/1154	SOIVRE Inspection request number	D	D	D	D
Delivery date/time, earliest	4	DTM	C507/2005	"64"	R	X	X	R
	4	DTM	C507/2380	Message date/time CCYYMMDD	R	X	X	R
	4	DTM	C507/2379	"102"	R	X	X	R
Delivery date/time, scheduled for	4	DTM	C507/2005	"76"	X	R	R	X
	4	DTM	C507/2380	Message date/time CCYYMMDD	X	R	R	X
	4	DTM	C507/2379	"102"	X	R	R	X
Terminal of origin	4	LOC	3027	"14"	D	D	D	D
	4	LOC	C517/3225	NIF/CIF	D	D	D	D
	4	LOC	C519/3223	Terminal area	O	O	O	O
Inspection site	4	LOC	3027	"229"	R	R	R	R
	4	LOC	C517/3225	Use temporary codes listed in that segment	R	R	R	R
	4	LOC	C519/3223	Not used	X	X	X	X
Goods description	4	FTX	4451	"AAA"	R	R	R	R
	4	FTX	4453	Not used	X	X	X	X
	4	FTX	C107/4441	Combined Nomenclature code	R	R	R	R
	4	FTX	C108/4440	Description of goods	R	R	R	R

Transport movement	4	GOR	8323	Use codes listed in that data element	R	R	R	R
Government action	4	GOR	C232/9417	Use codes listed in that data element	R	R	R	R
Requested operation: inspection	4	HAN	C524/4079	"11"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: partially unloaded (pasillo)	4	HAN	C524/4079	"12"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: Fully unloaded with recount/classification	4	HAN	C524/4079	"14"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: Transfer (trasvase)	4	HAN	C524/4079	"15"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: Positioning	4	HAN	C524/4079	"16"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: Fumigation	4	HAN	C524/4079	"17"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: Ventilation	4	HAN	C524/4079	"18"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: Ventilation with 5 days of permanence	4	HAN	C524/4079	"19"	D	D	D	D
	4	HAN	C524/4078	Not used	X	X	X	X
Requested operation: Other	4	HAN	C524/4079	"99"	D	D	D	D
	4	HAN	C524/4078	Requested operation	D	D	D	D
Gross weight	4	MEA	6311	"AAE"	R	O	O	O
	4	MEA	C502/6313	"G"	R	O	O	O
	4	MEA	C174/6411	"KGM"	R	O	O	O
	4	MEA	C174/6414	Gross weight	R	O	O	O
Total gross weight	4	MEA	6311	"AAE"	O	O	O	O
	4	MEA	C502/6313	"AAD"	O	O	O	O
	4	MEA	C174/6411	"KGM"	O	O	O	O
	4	MEA	C174/6414	Total gross weight	O	O	O	O
Means of transport	5	TDT	8051	"20"	D	D	D	D
	5	TDT	C220/8067	"1"	D	D	D	D
	5	TDT	C040/3127	Carrier code (SCAC)	O	O	O	O
	5	TDT	C040/3128	Carrier name	O	O	O	O
	5	TDT	C222/8213	Lloyd's number	D	D	D	D
	5	TDT	C222/8212	Vessel's name	D	D	D	D
Dangerous goods	9	DGS	8273	"IMD"	D	X	X	D
	9	DGS	C205/8351	IMDG Class number	D	X	X	D
	9	DGS	C234/7124	UNDG number	D	X	X	D
	9	DGS	8339	Packing group, coded	D	X	X	D
Dangerous goods technical name	9	FTX	4451	"AAD"	O	X	X	O
	9	FTX	4453	Not used	X	X	X	X
	9	FTX	C108/4440	Dangerous goods technical name	O	X	X	O
Dangerous goods additional information	9	FTX	4451	"AAC"	O	X	X	O
	9	FTX	C108/4440	Dangerous goods additional information	O	X	X	O
Temperature	11	TMP	6245	"2"	D	X	X	D
	11	TMP	C239/6246	Temperature setting of the container	D	X	X	D
	11	TMP	C239/6411	Measure unit qualifier	D	X	X	D
Range details	11	RNG	6167	"5"	O	X	X	O

	11	RNG	C280/6411	Measure unit qualifier	O	X	X	O
	11	RNG	C280/6162	Lowest temperature	O	X	X	O
	11	RNG	C280/6152	Highest temperature	O	X	X	O
Control total	Trailer	CNT	C210/6069	"11"	O	O	O	O
	Trailer	CNT	C210/6066	Total number of packages	O	O	O	O
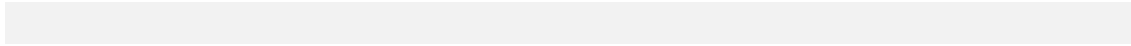
SAMPLE MESSAGES

- **INSPECTION REQUEST**

- Inspection request (Original)
  UNH+002408123456+COHAOR:D:00B:UN:FTLM10'
  BGM+292+B089876542008000234+5'   (Document number)
  DTM+137:200802291235:203'
  FTX+AEA++FX+PALLETIZED CARGO'
  FTX+PAC++DR+15'
  NAD+MS+B08987654+SENDER_A'
  NAD+CN+B08555555+SHIPPING AGENT_B'
  EQD+CN+RRRU1234560+22R1'
  RFF+ATZ+87666'
  RFF+Z23+2008/003456'
  DTM+64:20080303:102'
  LOC+14+A08123456+PLACE_A'
  LOC+229+BIP'
  FTX+AAA+0311+FISH'
  GOR++::4'
  HAN+11'
  MEA+AAE+G+KGM:12425'
  MEA+AAE+AAD+KGM:17400'   Total gross weight of container RRRU1234560
  TDT+20++1++CCCU:::CARRIER_NAME+++1234567:::VESSEL_NAME'
  TMP+2+4:CEL'
  RNG+5+CEL:2:6'
  CNT+11:1300'
  UNT+23+002408123456'

- Inspection request (Replace)
  UNH+002408123457+COHAOR:D:00B:UN:FTLM10'
  BGM+292+B089876542008000235+5' (new document number)
  DTM+137:200802291246:203'
  FTX+CHG++C4+CONTAINER INFORMATION HAS CHANGED'
  FTX+PAC++FR+15'
  RFF+ACW: B089876542008000234' (Document number that is changed)
  NAD+MS+B08987654+SENDER_A'
  NAD+CN+B08555555+SHIPPING AGENT_B'
  EQD+CN+RRRU1234560+22R1'
  RFF+ATZ+87666'
  RFF+Z23+2008/003456'
  DTM+64:20080303:102'
  LOC+14+A08123456+PLACE_A'
  LOC+229+BIP'
  FTX+AAA++0311+FISH'
  GOR++::4'
  HAN+11'
  MEA+AAE+G+KGM:12425'
  TDT+20++1++CCCU:::CARRIER_NAME+++1234567:::VESSEL_NAME'
  TMP+2+4:CEL'
  RNG+5+CEL:2:6'
  UNT+21+002408123457'

- Inspection request (Cancellation)
  UNH+002408123458+COHAOR:D:00B:UN:FTLM10'
  BGM+292+B089876542008000236+1' (new document number)
  DTM+137:200802291255:203'
  FTX+PAC++FR+15'
  RFF+ACW:B089876542008000234' (document number that is cancelled)
  NAD+MS+B08987654+SENDER_A'
  NAD+CN+B08555555+SHIPPING AGENT_B'
  EQD+CN+RRRU1234560+22R1'
  RFF+ATZ+87666'
  RFF+Z23+2008/003456'
  DTM+64:20080303:102'
  LOC+14+A08123456+PLACE_A'
  LOC+229+BIP'
  FTX+AAA++0311+FISH'
  GOR++::4'
  HAN+11'
  MEA+AAE+G+KGM:12425'
  TDT+20++1++CCCU:::CARRIER_NAME+++1234567:::VESSEL_NAME'
  TMP+2+4:CEL'
  RNG+5+CEL:2:6'
  UNT+21+002408123458'

- **DATA ASSIGNMENT FOR INSPECTION**

- Data assignment for inspection (inspection instruction)
  UNH+007608444553+COHAOR:D:00B:UN:FTLM10'
  BGM+845+Q122222I200800002+29'   (Accepted without amendment)
  DTM+137:200802291235:203'
  RFF+ACW: B089876542008000235' (document number from the sender)
  NAD+MS+B08987654+SENDER_A'
  NAD+CN+B08555555+SHIPPING AGENT_B'
  EQD+CN+RRRU1234560+22R1'
  RFF+ATZ+87666'
  RFF+Z23+2008/003456'
  DTM+76:20080303:102'
  LOC+14+A08123456+PLACE_A'
  LOC+229+BIP'
  FTX+AAA++0311+FISH'
  GOR++::4'
  HAN+11'
  MEA+AAE+G+KGM:12425'
  TDT+20++1++CCCU:::CARRIER_NAME+++1234567:::VESSEL_NAME'
  UNT+18+007608444553'

- **COMMUNICATION ABOUT A PREVIOUS INSPECTION**

- Communication about a previous inspection
  UNH+007608444443+COHAOR:D:00B:UN:FTLM10'
  BGM+846+ Q122222I200800003+29'
  DTM+137:200802291235:203'
  RFF+ACW: B089876542008000235' (last document number from the sender)
  NAD+MS+B08987654+SENDER_A'
  NAD+CN+B08555555+SHIPPING AGENT_B'
  EQD+CN+RRRU1234560+22R1'

```
RFF+ATZ+87666'
RFF+Z23+2008/003456'
DTM+76:20080303:102'
LOC+14+A08123456+PLACE_A'
LOC+229+BIP'
FTX+AAA++0311+FISH'
GOR++::4'
HAN+11'
MEA+AAE+G+KGM:12425'
TDT+20++1++CCCU:::CARRIER_NAME+++1234567:::VESSEL_NAME'
UNT+18+007608444443'
```

- **REQUEST FOR PERMANENCE AT THE INSPECTION AREA**

- Request for permanence at the inspection area
```
UNH+004408124443+COHAOR:D:00B:UN:FTLM10'
BGM+847+ Q124442H500800003+9'
DTM+137:200802291235:203'
RFF+ACW: B089876542008000235' (last document number from the sender)
NAD+MS+B08987654+SENDER_A'
NAD+CN+B08555555+SHIPPING AGENT_B'
EQD+CN+RRRU1234560+22R1'
RFF+ATZ+87666'
RFF+Z05+081185123456'
DTM+76:20080303:102'
LOC+14+A08123456+PLACE_A'
LOC+229+BIP'
FTX+AAA++0311+FISH'
GOR++::4'
HAN+11'
MEA+AAE+G+KGM:12425'
TDT+20++1++CCCU:::CARRIER_NAME+++1234567:::VESSEL_NAME'
UNT+18+004408124443'
```

DOCUMENT MAINTENANCE

The data content of this document has been prepared and approved by the Port of Barcelona and no alteration may be made to the content of this document without reference to and approval of the Port of Barcelona.

Any remarks, questions, amendments or requested alterations to this document are to be addressed to:

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