CUSRES Customs Response Message

Introduction:

This Customs Response Message (CUSRES) permits the transfer of data from a customs administration:
- to acknowledge the receipt of the message - to indicate whether the information received is correct or if
there are errors (i.e. accepted without errors, accepted with errors, rejected, etc.) - to inform the sender of
the status of the customs declaration (i.e. goods released, goods for examination, documents required, etc.)
- to transmit additional information as agreed between parties (i.e. tax information, quantity information, etc.)

- to respond to batched messages (i.e. CUSDEC, CUSCAR, CUSREP, CUSEXP).

Note: this message is not meant to replace the functionality of the CONTRL message.

Notes:

This guideline is a joint development of the following Portuguese Port Authorities:

- Administração dos Portos do Douro e Leixões, S.A. APDL
- Administração do Porto de Lisboa, S.A. APL
- Administração do Porto de Sines, S.A. APS

For the elaboration of this document, the requirements of the Portuguese Customs were also carefully considered. In the future, other Portuguese Port Authorities may adopt this guideline.

The goal is to provide the definition of the CUSRES message to be used in the transmission of Customs validation report to the Port Authorities.

The information provided will be routed to the shipping agents according to the rules, processes and procedures described in described in a specific document. For this reason, certain data must be present in order to comply with Customs requirements, even if that implies changes in current implementations and/or procedures.

This guideline was elaborated considering the following references:

- UN/EDIFACT D.97A CUSRES
- UN/EDIFACT Data Element Codes D.00B
- UN/ECE Recommendation 7 Numerical Representation of Dates, Time, an Periods of Time (Doc. Ref. TRADE/WP.4/INF.108)
- UN/ECE Recommendation 19 (2nd edition) Codes for Modes of Transport (Doc. Ref. TRADE/CEFACT/2001/19)
- Guia do Utilizador Resposta ao Manifesto Subset da Mensagem CUSRES versão 3.3 Maio de 2000
- NSTI/NCTS Declaração de Trânsito Informatizada Documento Auxiliar ao Guia de Implementação das Mensagens EDI Versão 3, Anexo Códigos a Utilizar, Portuguese Customs,

The fact that Data Element Codes are from a newer Edifact Directory (D.00B) is because many useful codes for this implementation were introduced. This way it minimizes the need of temporary local codes.

Note for Date/Time formats. The usual format for this information is CCYYMMDDHHMM. But as several shipping agents use application systems belonging to the carriers they represent, usually in different geographical locations, it is also possible the usage of the format CCYYMMDDHHMMZZZ. This way

Date/Time information can include the UTC time zone. Refer to ITIGG Recommendation D4/G23 and UN/ECE Recommendation 7.

Note for References. Associated with a document many references may apply. Several reasons can be behind this: number of parties involved, legal restrictions, operational requirements, etc. Also, sometimes these references are not applied to the document on the same moment. So a specific date may be closely related with a certain reference. In this implementation the procedure of using the RFF segment to state as much as possible references and theirs respective date (when RFF and DTM are structured as a group) was used. This way it was tried to avoid the dispersion of references by several different segments, keep each reference associated with its date (when it applies), allow several references to coexist with the same degree of importance, avoid concatenations of several references of different nature and avoid the need to impose the partners series of numbers. By allowing such a degree of freedom, where different entities can issue a same reference number, references related to the several objects (documents, vessel calls, previous messages, etc) will be identified by a composite key made by the reference itself, its associated date and the issuer. Remark these pieces of information are to be sent in the appropriate segments.

This guideline resulted from the balance of all opinions, remarks, restrictions and reference sources.

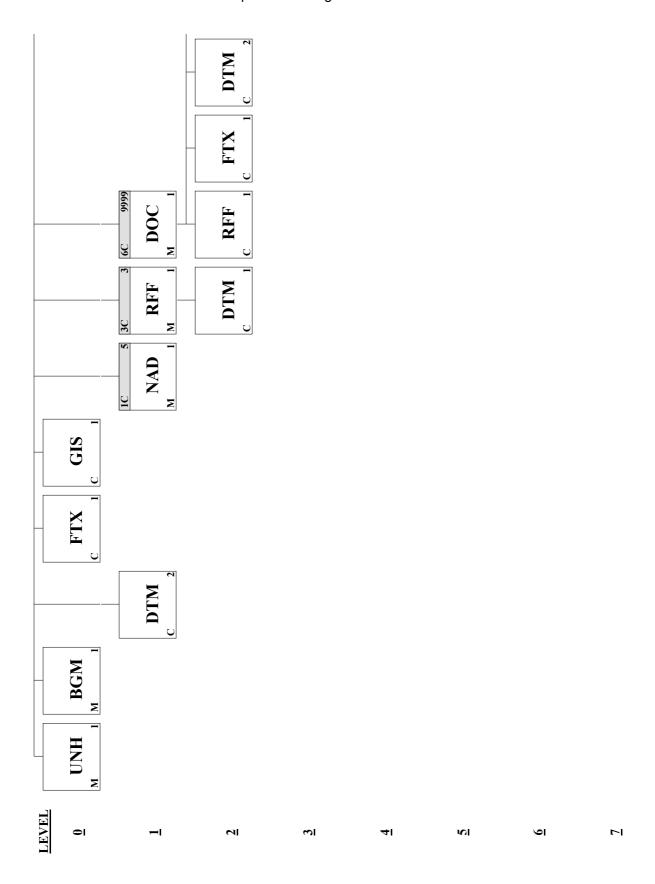
In the past, APL implemented an CUSRES guideline that is presently being used in the Lisbon port community. For that reason certain objects (segment groups, segments, composites, elements and codes) will be kept in this guideline only to provide backward compatibility. These situations will be noted in the objects. It is strongly recommended not to adopt this objects in new implementations. They will not generate any error situation in order to allow current implementations to keep working. These objects will be marked as Optional.

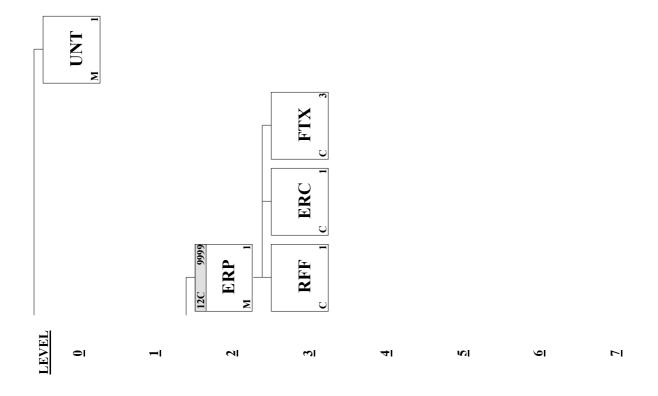
In the same line of thought, newer objects will be activated. These objects will also be marked as Optional. It is strongly recommended the usage of these objects by newer implementations and their adoption by current implementations as soon as possible. The exception is for objects that are activated due to Customs requirements. In these cases they have to be adopted. Some new objects also provide ways for the implementation of new processes that may add value to all partners in the port communities. This does not mean that these processes already exist, mainly because other actions outside this implementation have to be taken and other data sources have to be established. What this means is that an additional improvement to business activities in general are potentiated if the partners adopt the usage of these new objects.

Usage Indicators in this document follow ITIGG Recommendation D4/G44.

Page	Pos.	Seg.		Base	User		Group	Notes and
No.	No.	<u>ID</u>	<u>Name</u>	<u>Guide</u>	Status	Max.Use	Repeat	Comments
6	0010	UNH	Message Header	M	M	1		
8	0020	BGM	Beginning of Message	M	M	1		
10	0030	DTM	Date/Time/Period	C	O	2		
12	0040	FTX	Free Text	C	O	1		
14	0070	GIS	General Indicator	C	O	1		
	0090		Segment Group 1: NAD	С	R		5	
16	0100	NAD	Name and Address	M	M	1		
	0140		Segment Group 3: RFF-DTM	С	R	;;	3	
20	0150	RFF	Reference	M	M	1		
22	0160	DTM	Date/Time/Period	C	О	1		
	0270		Segment Group 6: DOC-RFF-FTX-DTM -SG12	С	R		9999	
24	0280	DOC	Document/Message Details	M	M	1		

26	0300	RFF	Reference	C	R	1	
28	0320	FTX	Free Text	C	R	1	
30	0350	DTM	Date/Time/Period	C	R	2	
	0560		Segment Group 12: ERP-RFF-ERC-FTX	С	R	9999	
33	0570	ERP	Error Point Details	M	M	1	
36	0580	RFF	Reference	C	O	1	
37	0590	ERC	Application Error Information	C	O	1	
38	0600	FTX	Free Text	C	О	3	
40	0650	UNT	Message Trailer	M	M	1	





Segment: UNH Message Header

Position: 0010

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: A service segment starting and uniquely identifying a message. The message type

code for the Customs response message is CUSRES.

Note: Customs response messages conforming to this document must contain the

following data in segment UNH, composite S009:

Data element 0065 CUSRES 0052 D 0054 97A 0051

UN

Dependency Notes: Semantic Notes:

Comments:

Notes: Example: Message envelope number "1357924680", type "CUSRES", UN/Edifact

directory "D97A"

UNH+1357924680+CUSRES:D:97A:UN'

Data Element Summary

Data	Component		Base	User
Element	Element	<u>Name</u>	Attributes	Attributes
0062		MESSAGE REFERENCE NUMBER	M an14	M

Unique message reference assigned by the sender.

Number assigned by the transmitter. It will not be used for business purposes.

It is suggested to follow the format "CCCCCAAAASSSSS" where

CCCCCC user codeAAAA year (4-digit)

- SSSS sequential number

S009 MESSAGE IDENTIFIER M M

Identification of the type, version etc. of the message being interchanged.

0065 Message type identifier M an..6 M

Code identifying a type of message and assigned by its controlling agency.

CUSRES Customs response message

A code to identify the customs response message.

0052 Message type version number M an..3 M

Version number of a message type.

D Draft version/UN/EDIFACT Directory

Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for

directories published after March 1997).

0054 Message type release number M an..3 M

97A Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory). M an..2 0051 **Controlling agency** Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4 United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4). 0057 Association assigned code C an..6 $\mathbf{0}$ Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. C an..35 0068 X **COMMON ACCESS REFERENCE** Reference serving as a key to relate all subsequent transfers of data to the same business case or file. **S010** STATUS OF THE TRANSFER C X Statement that the message is one in a sequence of transfers relating to the same topic. 0070 Sequence message transfer number Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic. 0073 First/last sequence message transfer indication Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

Release number within the current message type version number (0052).

Segment: BGM Beginning of Message

Position: 0020

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: A segment identifying the type and the reference number of the message to which

the CUSRES is a response.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: Document response message number: "23451999" stating that the

responded massage was accepted.

BGM+962+23451999+11+AP'

Data Element Summary

		Data Element Summar y			
Data	Component	t		Base	User
Element	Element	<u>Name</u>	At	<u>tributes</u>	Attributes
C002		DOCUMENT/MESSAGE NAME	\mathbf{C}		R
		Identification of a type of document/message by code	e or 1	name. Code	preferred.
	1001	Document/message name, coded	\mathbf{C}	an3	R
		Document/message identifier expressed in code.			
		962 Document response (Customs)	1		
		Document response message from Customs to the transmitte	•		
	1131	Code list qualifier	\mathbf{C}	an3	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	\mathbf{C}	an3	X
		Code identifying the agency responsible for a code li			
	1000	Document/message name	\mathbf{C}	an35	X
		Plain language identifier specifying the function of a	docı	ument/messa	ige.
C106		DOCUMENT/MESSAGE IDENTIFICATION	\mathbf{C}		R
		Identification of a document/message by its number a revision.	and e	eventually its	s version or
	1004	Document/message number	\mathbf{C}	an35	R
		Reference number assigned to the document/message	by	the issuer.	
	1056	Version	C	an9	X
		To specify the version number or name of an object.			
	1060	Revision number	\mathbf{C}	an6	X
		To specify a revision number.			
1225		MESSAGE FUNCTION, CODED	C	an3	R
		Code indicating the function of the message.			

11 Response

Message responding to a previous message or document.

4343 RESPONSE TYPE, CODED

C an..3

R

Code specifying the type of acknowledgment required or transmitted.

AJ Pending

Indication that the referenced offer or transaction (e.g. cargo

booking or quotation request) is being dealt with.

AP Accepted

Indication that the referenced offer or transaction (e.g., cargo

booking or quotation request) has been accepted.

CA Conditionally accepted

Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted under

conditions indicated in this message.

Conditions are expressed in segment group 12.

RE Rejected

Indication that the referenced offer or transaction (e.g., cargo

booking or quotation request) is not accepted.

Segment: DTM Date/Time/Period

Position: 0030

Group:

Level: 1

Usage: Conditional (Optional)

Max Use: 2

Purpose: A segment identifying the relevant dates and times in the message. For example,

payment date.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The second usage is to give at what time the message was placed in the mailbox by the sender when the receiver is a port authority. This is, the time at which it was effectively available to the receiver from the sender. This second usage applies only to the relation between the port authorities and the agents. In this case DE:2005 will be '243'.

Example: Date the message was issued: "2003/10/09 - 14:30"

DTM+137:200310091430:203'

Example: Date the message was issued: "2003/10/08 - 15:25 UTC+3". Attention that in this case the defined escape character must be used in the date/time format, if the time zone is positive in relation to GMT. If the escape character is '?' then

DTM+137:200310081525?+03:303'

Data Element Summary

Data	Component	t	v		Base	User		
Element	Element	<u>Name</u>		Att	<u>tributes</u>	Attributes		
C507		DATE/TIME/PER	IOD	M		M		
		Date and/or time, or	period relevant to the specified of	date/1	time/period	type.		
	2005	Date/time/period qualifier			an3	M		
		Code giving specific	e meaning to a date, time or period	od.				
		137	Document/message date/time					
		(2006) Date/time when a document/message is issued. Thi may include authentication.				s issued. This		
		243	Transmission date/time of docu	ument				
	2380	Date/time/period		\mathbf{C}	an35	O		
		The value of a date,	ne of a date, a date and time, a time or of a period in a specified representation.					
	2379	Date/time/period fo	ormat qualifier	C	an3	0		
		Specification of the	eriod.					
		203	CCYYMMDDHHMM					
			Calendar date including time w M=Month; D=Day; H=Hour; M=			Century; Y=Year;		

303 CCYYMMDDHHMMZZZ See 203 plus Z=Time zone. Segment: FTX Free Text

Position: 0040

Group:

Level: 0

Usage: Conditional (Optional)

Max Use: 1

Purpose: A segment stating information in unsolicited clear text.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is used in order to inform the agent about the status of the Customs

means of transport id ("Contramarca").

Example: Customs process closed.

FTX+CUS+++FEC'

Data Element Summary

Data	Componen	t			Base	User
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes
4451		TEXT SUBJECT	Γ QUALIFIER	M	an3	M
		Code specifying s	subject of a free text.			
		CUS	Customs declaration informati	on		
			Note contains customs declar	ation	informatio	n.
4453		TEXT FUNCTION	ON, CODED	\mathbf{C}	an3	X
		Code specifying h	Code specifying how to handle the text.			
C107		TEXT REFERE	NCE	\mathbf{C}		X
		Coded reference t	to a standard text and its source.			
	4441	Free text identifi	cation	M	an17	X
		Free text in coded	Free text in coded form.			
	1131	Code list qualifie	er	C	an3	X
		Identification of a	code list.			
	3055	Code list respons	sible agency, coded	\mathbf{C}	an3	X
		Code identifying	the agency responsible for a code l	ist.		
C108		TEXT LITERAL	L	\mathbf{C}		0
		Free text; one to f	rive lines.			
	4440	Free text		M	an70	M
		Free text field ava	ailable to the message sender for in	form	ation.	
		ACT	Active			
			After the actual arrival of the n data is valid.	neans	s of transp	ort and all provided
		ANU	Annulled			
			After nullifying the Customs m ("Contramarca").	eans	of transpo	rt process id

		FEC	Closed					
			After the actual departure of m	eans	s of transpo	ort.		
		PAC	Pre-Active					
			After the actual arrival of the mean provided by the agent is not conformation is missing or incomparts.	mple	etely valid			
		PRV	Provisional					
			Before the actual arrival of mea	ans (of transpor	t.		
		ULT	Ultimated					
			After all processes related with the Customs means of transport process id ("Contramarca") are closed, namely after all goods were accounted.					
	4440	Free text		\mathbf{C}	an70	X		
		Free text field avail	able to the message sender for in	form	ation.			
	4440	Free text		\mathbf{C}	an70	X		
		Free text field avail	able to the message sender for in	form	ation.			
	4440	Free text		\mathbf{C}	an70	X		
		Free text field avail	able to the message sender for in	form	ation.			
	4440	Free text		\mathbf{C}	an70	X		
		Free text field avail	able to the message sender for in	form	ation.			
3453		LANGUAGE, CO	DED	\mathbf{C}	an3	X		
		Code of language (ISO 639-1988).					

Segment: GIS General Indicator

Position: 0070

Group:

Level: 0

Usage: Conditional (Optional)

Max Use: 1

Purpose: A segment identifying the various customs processing indicators. For example,

cargo released, cargo held, examination required, earlier message accepted or

rejected, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

For backward compatibility. This segment is being discontinued in the Edifact's directories for

this message.

The information that used this segment, expressed in element 7365, will be provided in BGM:4343, where value '1' in GIS is treated like 'AP' in BGM and value '2' is treated like 'RE'.

Data Element Summary

		-	Data Element Summary			
Data	Component	;			Base	User
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes
C529		PROCESSING IN	NDICATOR	M		M
		Type of process in	dication.			
	7365	Processing indicat	tor, coded	M	an3	M
		Identifies the value	iired	by the pro-	cessing system.	
		1	Message content accepted			
			ed.			
		2	h comment			
			ed, with comment.			
	1131	Code list qualifier	•	\mathbf{C}	an3	X
		Identification of a	code list.			
	3055 Code list responsible agency, coded		ble agency, coded	\mathbf{C}	an3	X
		Code identifying th	ist.			
	7187	Process type ident	tification	C	an17	X
		Specification of a p	process or subprocess.			

Group: NAD Segment Group 1: Name and Address

Position: 0090

Group:

Level:

Usage: Conditional (Required)

Max Use: 5

Purpose: A group of segments identifying party details, including contact and communication

contact information.

Notes: This group is to provide information about the sender and the receiver of the

message, and the Customs Office that is actually replying.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:	
	No.	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat	
M	0100	NAD	Name and Address	M	1		

Segment: NAD Name and Address

Position: 0100 (Trigger Segment)

Group: SG1 **Level:** 1

Usage: Mandatory

Max Use:

Purpose: A segment to identify the name and/or address of the party related to all information

at the lower level of the message. For example, the importer.

Dependency Notes: Semantic Notes: Comments:

Notes: Segment with the identification of the party.

If the party is the Customs Office (DE:3035 is 'CM') then DE:3039 will have the code id corresponding to the Customs Office and DE:1131 will have '113'. Code list

of customs locations provided in a separate document.

Otherwise, DE:3039 will have the Tax Payer identification.

Example: Customs Office of Leixões

NAD+CM+PTLEI340:113:155'

Data Element Summary

Data	Componen	t	·		Base	User		
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes		
3035		PARTY QUALIFI	ER	M	an3	M		
		Code giving specific	c meaning to a party.					
		AE	Declarant's agent/representative					
			Any natural or legal person who makes a declaration to an official body on behalf of another natural or legal person, where legally permitted (CCC).					
		CA	Carrier					
			(3126) Party undertaking or arranging transport of goods between named points.					
		CM	Customs					
			Identification of customs autho shipment.	rity r	elevant to tl	ne transaction or		
		MR	Message recipient					
		MS	Document/message issuer/sen	der				
			Issuer of a document and/or se	ende	r of a mess	age.		
C082		PARTY IDENTIF	ICATION DETAILS	C		0		
		Identification of a tr	ansaction party by code.					
	3039	Party id. identifica	tion	M	an35	M		

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Code identifying a party involved in a transaction.

1131 Code list qualifier

C an...3 O

Identification of a code list.

If NAD:3035 is 'CM' send code according to list in pasges 71-72 of NSTI/NCTS Declaração de Trânsito Informatizada - Documento Auxiliar ao Guia de Implementação das Mensagens EDI Versão 3, Anexo - Códigos a Utilizar.

If NAD:3035='CA' then place the number place the number given to the Portuguese Customs at the moment of the protocol signature preeceded by the ISO country code (2 digit) corresponding to the nationality of the carrier.

	52	Value added tax identification					
		Value added tax identification code.					
		Use when the entity identified in DE:3039 is not Portuguese. Portuguese Customs code VIES.					
	53	Passport number					
		Number assigned to a passpo	rt.				
		Portuguese Customs code P.					
	113	Customs office	Customs office				
		Customs administrative unit co Customs formalities, and the p for the purpose by the compet	orem	ises or othe	er areas approved		
		use when the code in DE:3039 independent of its nationallity.	use when the code in DE:3039 identifies a Customs Office, independent of its nationallity.				
	167	Tax party identification					
		Code assigned by a tax autho	Code assigned by a tax authority to identify a party.				
		to use when the entity is Portuguese. Portuguese Customs code NIF.					
	174	Citizen identification					
		Portuguese Customs code BI.					
	Z02	Other					
		Use this code to state that the id type in DE:3039 is not included in the other types listed in this element and the entity is not Portuguese.					
	Z03	Company Identification Number	er				
		use when the entity identified in Portuguese Customs code NII		E:3039 is no	ot Portuguese.		
3055	Code list responsi	ble agency, coded	\mathbf{C}	an3	0		
	Code identifying th	ne agency responsible for a code l	ist.				
	155	PT, Portuguese Customs					
	NAME AND ADI	DRESS	\mathbf{C}		X		
	Unstructured name	e and address: one to five lines.					
3124	Name and addres	s line	M	an35	X		
	Free form name an	d address description.					
3124	Name and addres	s line	\mathbf{C}	an35	X		
	Free form name an	Free form name and address description.					
3124	Name and addres	s line	C	an35	X		

C058

		Free form name and address description.			
	3124	Name and address line	\mathbf{C}	an35	X
		Free form name and address description.			
	3124	Name and address line	\mathbf{C}	an35	X
		Free form name and address description.			
C080		PARTY NAME	\mathbf{C}		X
		Identification of a transaction party by name, one to formatted.	five	lines. Party	name may be
	3036	Party name	M	an35	X
		Name of a party involved in a transaction.			
	3036	Party name	\mathbf{C}	an35	X
		Name of a party involved in a transaction.			
	3036	Party name	\mathbf{C}	an35	X
		Name of a party involved in a transaction.			
	3036	Party name	\mathbf{C}	an35	X
		Name of a party involved in a transaction.			
	3036	Party name	\mathbf{C}	an35	X
		Name of a party involved in a transaction.			
	3045	Party name format, coded	\mathbf{C}	an3	X
		Specification of the representation of a party name.			
C059		STREET	\mathbf{C}		X
		Street address and/or PO Box number in a structured	l add	ress: one to	three lines.
	3042	Street and number/p.o. box	M	an35	X
		Street and number in plain language, or Post Office	Box :	No.	
	3042	Street and number/p.o. box	\mathbf{C}	an35	X
		Street and number in plain language, or Post Office	Box :	No.	
	3042	Street and number/p.o. box	\mathbf{C}	an35	X
		Street and number in plain language, or Post Office	Box :	No.	
	3042	Street and number/p.o. box	\mathbf{C}	an35	X
		Street and number in plain language, or Post Office	Box :	No.	
3164		CITY NAME	\mathbf{C}	an35	X
		Name of a city (a town, a village) for addressing pur	pose	S.	
3229		COUNTRY SUB-ENTITY IDENTIFICATION	\mathbf{C}	an9	X
		Identification of the name of sub-entities (state, prov governmental agencies.	ince) defined by	appropriate
3251		POSTCODE IDENTIFICATION	\mathbf{C}	an9	X
		Code defining postal zones or addresses.			
3207		COUNTRY, CODED	\mathbf{C}	an3	X
		Identification of the name of a country or other geog ISO 3166.	raph	ical entity a	s specified in

Group: RFF Segment Group 3: Reference

Position: 0140

Group:

Level:

Usage: Conditional (Required)

Max Use: 3

Notes:

Purpose: A group of segments identifying references, dates and locations related information.

This group is to send the information related with the Customs means of transport process ("Contramarca") and/or the Port Authority vessel call id (GCP process

folder).

It is also used to identified the message being acknowledged.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0150	RFF	Reference	M	1	
O	0160	DTM	Date/Time/Period	C	1	

Segment: RFF Reference
Position: 0150 (Trigger Segment)

Group: SG3 **Level:** 1

Usage: Mandatory

Max Use:

Purpose: A segment identifying references (e.g. manifest number).

Dependency Notes:

Semantic Notes: Comments:

Notes:

Customs means of transport process identification (DE:1153='AFM'), or the Port Auhtority vessel call id (DE:1153='ATZ'), and the message being acknowledged (DE:1153='ABO'). These information is reported in DE:1154.

The current format for Customs vessel process id is:

- UN/Locode: 5 characters- customs office code: 3 digits

- mode of transport code (UN/ECE Rec. 19 - 1 Maritime): 1 digit

- year: 4 digits

- sequential number: 6 digits left padded with zeros

It is recommended that the maximum size for this data element 1154 should be considered.

When the reference is the Port Authority vessel call Id (RFF:C506:1153='ATZ'), then in each the following Ports, the suffixes apply to the reference:

Port of Leixões: ESCPort of Lisboa: LISPort of Sines: SIN

Example: Process 876 issued in 2003 at Leixões Customs office for maritime means of transport.

RFF+AFM:PTLEI34012003000876'

Example: Acknowledge to message ALF8474-2006

RFF+ABO:ALFT8474-2006'

Example: Vessal call id ESC200601326

RFF+ATZ:ESC200601326'

Data Element Summary

Data	Componen	t	Base	User
Element	Element	<u>Name</u>	<u>Attributes</u>	Attributes
C506		REFERENCE	M	M

Identification of a reference.

1153 Reference qualifier

M an..3 M

Code giving specific meaning to a reference segment or a reference number.

ABO Originator's reference

AFM Secondary Customs reference Ship's stay reference number ATZ

Reference number assigned by a port authority to the stay of a

vessel in the port.

1154 Reference number

C an..35

0

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

Number of the line in the document/message referenced in 1154 Reference number.

1156 Line number

4000

C an..6

X

Reference version number

C an..35

To uniquely identify a reference by its revision number.

Segment: DTM Date/Time/Period

Position: 0160 Group: SG3 Level: 2

Usage: Conditional (Optional)

Max Use: 1

Purpose: A segment identifying a date related to the preceding RFF.

Dependency Notes: Semantic Notes:

Comments:

Data Component

Notes: Date and time when the Customs means of transport process ("Contramarca")

was created.

Example: Process created on June, the 10th, 11h43

DTM+171:200306101143:203'

Example: Same as the exemple abova but with timezone information. Attention that in this case the defined escape character must be used in the date/time format, if the time zone is positive in relation to GMT. If the escape character is '?'

Daga

Haan

then

DTM+137:200310081525?+00:303'

Data Element Summary

Data	Componen	ıt			Base	User
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes
C507		DATE/TIME/PER	RIOD	M		M
		Date and/or time, o	or period relevant to the specified	date/	time/period	type.
	2005	Date/time/period o	qualifier	M	an3	M
		Code giving specif	ic meaning to a date, time or period	od.		
		171	Reference date/time			
			Date/time on which the referen	ice w	as issued.	
	2380	Date/time/period		C	an35	0
		The value of a date	e, a date and time, a time or of a pe	eriod	in a specific	ed representation.
	2379	Date/time/period f	format qualifier	\mathbf{C}	an3	0
		Specification of the	e representation of a date, a date a	nd ti	me or of a p	eriod.
		203	CCYYMMDDHHMM			
			Calendar date including time w M=Month; D=Day; H=Hour; M=			Century; Y=Year;
		303	CCYYMMDDHHMMZZZ			
			See 203 plus Z=Time zone.			

Group: DOC Segment Group 6: Document/Message Details

Position: 0270

Group:

Level: 1

Usage: Conditional (Required)

Max Use: 9999

Purpose: A group of segments specifying goods item details including status of goods, related

references, package identification, details of transport, relevant parties, contacts, dates and/or times and location, general indicators, measurements, documentary requirements, monetary amounts, currencies and item taxes, fees and duties.

Notes: This group is to provide information about the documents that are being

acknowledge and the result of the validation process of each one.

Segment DOC is used to send the identification of the Customs Summary Declaration id. Its status is provided in segment FTX in this group.

The transport document being acknowledged is specified in segment RFF in this group. This reference shall occur only once in the group.

For each transport document several validation rules will be applied. The result is transmitted in the form of codes (to be published in a separate document) by using group 12 and with a description in Portuguese and English.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0280	DOC	Document/Message Details	M	1	
R	0300	RFF	Reference	C	1	
R	0320	FTX	Free Text	C	1	
R	0350	DTM	Date/Time/Period	C	2	
	0560		Segment Group 12: Error Point Details	C		9999

DOC Document/Message Details **Segment:**

0280 (Trigger Segment) **Position:**

Group: SG6 Level:

Usage: Mandatory

Max Use:

Purpose: A segment to identify the master bill number reported in a multi-consignment

message. This segment can also be used to identify the Customs declaration where

the CUSRES is responding to multiple declarations.

Dependency Notes: Semantic Notes:

Comments:

This segment is to identify the Customs Summary Declaration. **Notes:**

The current format for Customs Summary Declaration id is:

- UN/Locode: 5 characters - customs office code: 3 digits

- mode of transport code (UN/ECE Rec. 19 - 1 Maritime): 1 digit

- year: 4 digits

- sequential number for Customs vessel process id: 6 digits left padded with zeros - sequential number for Customs Summary Declaration: 4 digits left padded with

Please note that this format is subject to changes in the future.

Example: Customs Summary Declaration 3 related with Customs vessel process id 876 of 2003 at Leixoes Customs Office.

DOC+355+PTLEI340120030008760003'

Data Element Summary

Data	Componen	t			Base	User	
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes	
C002		DOCUMENT/MES	SSAGE NAME	M		M	
		Identification of a ty	pe of document/message by code	or 1	name. Code	preferred.	
	1001	Document/message	name, coded	\mathbf{C}	an3	0	
		Document/message	Document/message identifier expressed in code.				
		355	Customs summary declaration alternate	with	out commei	rcial detail,	
			Alternate Customs declaration commercial transaction details.		mary withou	ut any	
	1131	Code list qualifier		\mathbf{C}	an3	X	
		Identification of a code list.					
	3055	Code list responsib	le agency, coded	\mathbf{C}	an3	X	
		Code identifying the	e agency responsible for a code li	st.			
	1000	Document/message	name	\mathbf{C}	an35	X	

		Plain language identifier specifying the function of a c	docı	ument/mess	age.
C503		DOCUMENT/MESSAGE DETAILS	C		0
		Identification of document/message by number, status	s, so	urce and/or	· language.
	1004	Document/message number	C	an35	O
		Reference number assigned to the document/message	by	the issuer.	
	1373	Document/message status, coded	C	an3	X
		To identify the status of a document/message.			
	1366	Document/message source	C	an35	X
		Indication of the source from which the printed inform obtained.	nati	on is to be o	or has been
	3453	Language, coded	C	an3	X
		Code of language (ISO 639-1988).			
3153		COMMUNICATION CHANNEL IDENTIFIER, CODED	C	an3	X
		Code identifying the type of communication channel by	bein	g used.	
1220		NUMBER OF COPIES OF DOCUMENT REQUIRED	C	n2	X
		Number of originals or copies of a document stipulate required.	ed o	r referred to	as being
1218		NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	C	n2	X
		Specification of the number of originals of a stipulated	d do	cument that	t are required.

Segment: RFF Reference

Position: 0300 Group: SG6 Level: 2

Usage: Conditional (Required)

Max Use: 1

Purpose: A segment identifying a particular reference, e.g. house of bill number, master bill

number.

Dependency Notes: Semantic Notes: Comments:

Notes:

This segment is to identify the Transport Document. The identification was

provided in segment RFF in segment group 26 inside segment group 19 of the

IFCSUM message.

Example: BL number NB234567

RFF+BM:NB234567'

Data Element Summary

Data	Componen	4	=101110110 × 11111111111111111111111111	Base	User
Element	Element	Name		Attributes	<u>Attributes</u>
C506	Element	REFERENCE		M	M
		Identification of a re	ference		
	1153	Reference qualifier		M an3	M
		Code giving specific	e meaning to a reference segment	or a reference n	umber.
		AAM	Waybill number		
			Reference number assigned to	a waybill, see: 1	1001 = 700.
		AEW	Empty container bill number		
			Reference number assigned to 1001 = 708.	an empty conta	iner bill, see:
		AEX	Non-negotiable maritime transp	ort document nu	umber
			Reference number assigned to	a sea waybill, se	ee: 1001 = 712.
		AFA	Through bill of lading number		
			Reference number assigned to 1001 = 761.	a through bill of	lading, see:
		AFB	Cargo manifest number		
			Reference number assigned to 785.	a cargo manifes	st, see: 1001 =
		AFM	Secondary Customs reference		
		BM	Bill of lading number		
			Reference number assigned to	a bill of lading,	see: 1001 = 705.
		BN	Booking reference number		
			[1016] Reference number assig	ned by the carri	er or his agent

when cargo space is reserved prior to loading.

CT Contract number

Reference number of a contract concluded between parties.

GDN General declaration number

Number of the declaration of incoming goods out of a vessel.

Master bill of lading number MB

Reference number assigned to a master bill of lading, see:

1001 = 704.

PΚ Packing list number

(1014) Reference number assigned to a packing list, see: 1001

= 271.

1154 Reference number C an..35

0

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

1156 Line number C an..6

X

Number of the line in the document/message referenced in 1154 Reference number.

4000 Reference version number

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To uniquely identify a reference by its revision number.

FTX Free Text **Segment:**

0320 **Position:** Group: SG6 Level:

Usage: Conditional (Required)

Max Use:

Purpose: A segment to provide the goods description.

Dependency Notes:

Semantic Notes: Comments:

This segment is used in order to inform the agent about the status of the Customs Notes:

Summary Declaration. Use code list given in the first DE:4440.

Example: Declaration pending

FTX+CUS+++PEN'

Data Element Summary

Data	Componen	t			Base	User
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes
4451		TEXT SUBJECT	QUALIFIER	M	an3	M
		Code specifying su	bject of a free text.			
		CUS	Customs declaration information	on		
			Note contains customs declara	ation	information.	
4453		TEXT FUNCTIO	N, CODED	C	an3	X
		Code specifying ho	ow to handle the text.			
C107		TEXT REFEREN	CE	\mathbf{C}		X
		Coded reference to	a standard text and its source.			
	4441	Free text identific	ation	M	an17	X
		Free text in coded	form.			
	1131	Code list qualifier		\mathbf{C}	an3	X
		Identification of a	code list.			
	3055	Code list responsi	ble agency, coded	\mathbf{C}	an3	X
		Code identifying th	ne agency responsible for a code l	ist.		
C108		TEXT LITERAL		\mathbf{C}		0
		Free text; one to fiv	ve lines.			
	4440	Free text		M	an70	M
		Free text field avai	lable to the message sender for in	form	ation.	
		ACT	Active			
			After the actual arrival of the m data is valid.	neans	s of transpo	rt and all provided
		ANU	Annulled			
			Document nullified.			
		DES	Expanded			

			Document was segregated	in seve	ral parts.	
		FIN	Finalized			
			After all goods were accoun	ited or	finalized.	
		PEN	Pending			
			After the actual arrival of the provided by the agent is not information is missing or inc	compl	etely valid	(e.g. some
		PRV	Provisional			
			Before the actual arrival of r	neans	of transpor	t.
	4440	Free text		\mathbf{C}	an70	X
		Free text field	available to the message sender for	inform	nation.	
	4440	Free text		C	an70	X
		Free text field	available to the message sender for	inform	nation.	
	4440	Free text		C	an70	X
		Free text field	available to the message sender for	inform	nation.	
	4440	Free text		C	an70	X
		Free text field	available to the message sender for	inform	nation.	
3453		LANGUAGE,	, CODED	\mathbf{C}	an3	X
		Code of langua	age (ISO 639-1988).			

Segment: **DTM** Date/Time/Period

Position: 0350 Group: SG6 Level: 2

Usage: Conditional (Required)

Max Use: 2

Purpose: A segment identifying necessary dates.

Dependency Notes:

Semantic Notes: Comments:

Notes:

This segment is to send the Date/Time of the Customs Summary Declaration (DE:2005='150') and the Date/Time of the acceptance of the Transport Document by Customs (DE:2005='154'). So this segment shall occur twice.

Example: Transport Document accepted at 2004/01/20 at 15h17.

DTM+154:200401201517:203'

Example: Above example but providing timezone information. Attention that in this case the defined escape character must be used in the date/time format, if the time zone is positive in relation to GMT. If the escape character is '?' then

DTM+154:200401201517?+00:303

Example: Declaration issued on 2004/01/20 at 15h25.

DTM+150:200401201525:203'

Example: Above example but providing timezone information. Attention that in this case the defined escape character must be used in the date/time format, if the time zone is positive in relation to GMT. If the escape character is '?' then

DTM+150:200401201525?+00:303

Data Element Summary

Data	Componen	t			Base	User
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes
C507		DATE/TIME/PER	IOD	M		M
		Date and/or time, or	r period relevant to the specified of	date/	time/period	type.
	2005	Date/time/period q	ualifier	M	an3	M
		Code giving specific meaning to a date, time or period.				
		150	Declaration/presentation date			
			Date when item has been or ha	as to	be declare	d/presented.
		154	Acceptance date of document			
	2380	Date/time/period		\mathbf{C}	an35	O
		The value of a date,	a date and time, a time or of a pe	eriod	in a specifi	ed representation.
	2379	Date/time/period fo	ormat qualifier	\mathbf{C}	an3	O

Specification of the representation of a date, a date and time or of a period.

203 CCYYMMDDHHMM

Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.

303 CCYYMMDDHHMMZZZ

See 203 plus Z=Time zone.

Group: **ERP** Segment Group 12: Error Point Details

Position: 0560

Group: Segment Group 6 (Document/Message Details) Conditional (Required)

Level: 2

Usage: Conditional (Required)

Max Use: 9999

Purpose: A group of segments identifying an application error condition related only to a part

of the message.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0570	ERP	Error Point Details	M	1	
O	0580	RFF	Reference	C	1	
O	0590	ERC	Application Error Information	C	1	
O	0600	FTX	Free Text	C	3	

Segment: ERP Error Point Details

Position: 0570 (Trigger Segment)

Group: SG6-SG12

Level: 2

Usage: Mandatory

Max Use: 1

Purpose: A segment identifying the location of an application error.

Dependency Notes: Semantic Notes:

Comments:

Notes:

This segment identifies the point in the document to which the error in segment ERC refers to. The point can be the header of the manifest, or one transport document referred in the manifest, or one of the goods presented in a certain transport document, or one of a transport equipment presented in a certain transport document.

When reporting business errors, DE:1054 is not used.

When referring to the manifest's header, the identification will be the reference given in segment RFF of segment group 1 of the IFCSUM message. This identification will be present in DE:1052.

When referring to a transport document, the identification will be the reference given in segment RFF of segment group 26 inside segment group 19 of the IFCSUM message. This identification will be present in DE:1052.

When referring to a particular good, the identification will be the sequential number given in segment GID in segment group 41 inside segment group 19 of the IFCSUM message. This identification will be present in DE:1052. The transport document where the goods are described is identified in the RFF segment of segment group 6.

When referring to a particular transport equipment, the identification will be the equipment id given in segment EQD in segment group 60 inside segment group 19 of the IFCSUM message. This identification will be present in DE:1052. The transport document where the goods are described is identified in the RFF segment of segment group 6.

When reporting syntax errors all elements in C701 will be used. DE:1049 has the same usage as the one described. DE:1052 will identify the position of the transport document in the message. DE:1054 is used when DE:1049 is '7' and will identify the position of a sub-item (goods or equipment) in the transport document.

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Composite C853 is used when reporting basic errors (example, syntax).

The following three examples are related with business rules validation.

Example: Error located in manifest identified by V6657PTLEIEXP

ERP+1:V6657PTLEIEXP'

Example: Error located in the third good's section of the Transport Document XPTO8856. Note that the transport document is identified previously.

ERP+7:3'

Example: Error located in Transport Document identified by NB78566

ERP+2:NB78566'

Example: Error located in container CGTU 187589/5 in Transport Document OJS3547. Note that the transport document is identified previously.

ERP+7:CGTU1875895'

The following two examples are related with basic rules validation (example, syntax validation).

Example: Error in BL nº 2, you can read on IFCSUM guide segment group (G) 26, segment DTM in data element 2379

ERP+2:2+:G26DTM2379'

Example: Error on the 14th shipment, in 3rd transport document, you can read on ifcsum guide Group (G) 43, segment MEA and d.e. 6411

ERP+7:3:14+:G43MEA6411'

Data Element Summary

		D	ata Element Summary			
Data	Component	t			Base	User
Element	Element	<u>Name</u>		At	<u>tributes</u>	Attributes
C701		ERROR POINT D	ETAILS	\mathbf{C}		O
		Indication of the poi	int of error in a message.			
	1049	Message section, co	ded	\mathbf{C}	an3	O
		Recognition of a par	Recognition of a particular part of a message.			
		1	Heading section			
			Description to be provided.			
		2	Detail section of a message			
			Description to be provided.			
		7	Sub-line item			
	1052	Message item numl	ber	\mathbf{C}	an35	O
		The referenced num item or invoice item	ber allocated to an identifiable ite	m iı	n a message.	eg Customs
	1054	Message sub-item i	number	\mathbf{C}	n6	O
		The reference number allocated to an identifiable sub-item in a message. eg: i line number.				
C853		ERROR SEGMEN	T POINT DETAILS	\mathbf{C}		O
		To indicate the exac	t segment location of an applicati	on e	rror within a	a message.
	9166	Segment tag		C	an3	0

Tag of a segment.

1050 Sequence number C an..10 O

Number indicating the position in a sequence.

1159 Sequence number source, coded C an..3 X

Specification of the source for a specified sequence number in a coded form.

Segment: RFF Reference

Position: 0580 **Group:** SG6-SG12

Level: 3

Usage: Conditional (Optional)

Max Use: 1

Purpose: A segment to provide the references related to the application error.

Dependency Notes: Semantic Notes:

Comments:

Notes:

The segment is used to report the identification given by Customs to each goods items. This identification is structured like this:

- UN/Locode: 5 characters- customs office code: 3 digits
- mode of transport code (UN/ECE Rec. 19 1 Maritime): 1 digit
- year: 4 digits
- sequential number: 6 digits left padded with zeros
- id of the Customs Summary Declaration: 4 digits left padded with zeros
- id of the good's item: 2 digits left padded with zeros

It is recommended that the maximum size for this data element 1154 should be considered.

Example: Customs good's identification 7 in Summary Declaration 45 associated with Customs vessel process id 12 from Leixoes Customs Office

RFF+IB:PTLEI34012004000012004507'

Data Element Summary

Data	Component	t	·		Base	User
Element	Element	<u>Name</u>		Att	<u>tributes</u>	Attributes
C506		REFERENCE		M		M
		Identification of a re	ference.			
	1153	Reference qualifier		M	an3	M
		Code giving specific	meaning to a reference segment	or a	reference n	umber.
		IB	In bond number			
			Customs assigned number that movement of imported cargo proclearing.			
	1154	Reference number		\mathbf{C}	an35	O
		Identification number data element 1153 R	er the nature and function of whice eference qualifier.	ch ca	n be qualific	ed by an entry in
	1156	Line number		\mathbf{C}	an6	X
		Number of the line i	n the document/message reference	ed i	n 1154 Refe	rence number.
	4000	Reference version r	umber	C	an35	X

To uniquely identify a reference by its revision number.

Segment: ERC Application Error Information

Position: 0590

Group: SG6-SG12

Level: 3

Usage: Conditional (Optional)

Max Use: 1

Purpose: A segment identifying the type of application errors.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is used to report the code value associated with the condition

verified.

Example: Condition associated with code DEC04067

ERC+DEC04067'

Data Element Summary

Data	Componen	t		Base	User		
Element	Element	<u>Name</u>	Att		Attributes		
C901		APPLICATION ERROR DETAIL			M		
		Code assigned by the recipient of a message to indicate a data validation error condition.					
	9321	Application error identification	M	an8	M		
		The code assigned by the receiver of a message to the validation error condition.	e ide	ntification o	of a data		
		Code List will be provided in a separate document.					
1131 3055		Code list qualifier	\mathbf{C}	an3	X		
		Identification of a code list.					
		Code list responsible agency, coded	\mathbf{C}	an3	X		
		Code identifying the agency responsible for a code list.					

Segment: FTX Free Text

Position: 0600

Group: SG6-SG12

Level: 3

Usage: Conditional (Optional)

Max Use: 3

Purpose: A segment to provide explanation and/or supplementary information related to the

specified application error.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is used to send the textual description of the error and to inform the

Customs status of the goods item.

The error description will be given in Portuguese (DE:3453='PT') and in English

(DE:3453='EN'). In this case DE:4451 is 'AAO'.

The status will be given by a code in DE:4440. In this case DE:4451 is 'CUS'. Only

in this case the code list in first DE:4440 will apply. DE:3453 is no needed.

So the segment occurs three times in each occurrence of group 12..

Example: Incorrect type of package.

FTX+AAO+++INCORRECT TYPE OF PACKAGE+EN'

Example: Goods item finalized.

FTX+CUS+++FIN'

Data Element Summary

Data	Componen	t			Base	User
Element	Element	<u>Name</u>		Att	ributes	Attributes
4451		TEXT SUBJECT QU	U ALIFIER	M	an3	M
		Code specifying subje	ect of a free text.			
		AAO E	Error description (free text)			
		I	Error described by a free text.			
		CUS	Customs declaration informatio	n		
		1	Note contains customs declarate	tion i	information.	
4453		TEXT FUNCTION,	CODED	\mathbf{C}	an3	X
		Code specifying how	to handle the text.			
C107		TEXT REFERENCE	Ξ	\mathbf{C}		X
		Coded reference to a s	standard text and its source.			
	4441	Free text identification	on	M	an17	X
		Free text in coded for	m.			
	1131	Code list qualifier		\mathbf{C}	an3	X

		Identification of a	code list.					
	3055	Code list respons	ible agency, coded	C	an3	X		
		Code identifying t	he agency responsible for a code l	ist.				
C108		TEXT LITERAL	1	C		0		
		Free text; one to fi	ive lines.					
	4440	Free text		M	an70	M		
		Free text field ava	ilable to the message sender for in	form	ation.			
		ACT	Active					
			After the actual arrival of the n data is valid.	nean	s of transpo	ort and all provided		
		ANU	Annulled					
			Data about the good's item wa	as nu	llified.			
		APU	Accounted					
			Good's item was accounted.					
		CAT	Captive					
		DES	Expanded					
			Data about the good's item was segregated in several parts.					
		FIN	Finalized					
			When the goods are not subject to Customs formalities and after the actual arrival of the transport means.					
		PEN	Pending After the actual arrival of the means of transport, but data provided by the agent is not completely valid (e.g. some information is missing or incorrect) for one goods item at least. Provisional Before the actual arrival of means of transport.					
		PRV						
	4440	Free text		\mathbf{C}	an70	0		
		Free text field ava	ilable to the message sender for in	form	ation.			
	4440	Free text		\mathbf{C}	an70	O		
		Free text field available to the message sender for information.						
	4440	Free text	C an70 O					
		Free text field available to the message sender for information.						
	4440	Free text		C	an70	0		
		Free text field available to the message sender for information.						
3453		LANGUAGE, CODED C an3 O						
		Code of language	(ISO 639-1988).					
		EN	English					

PT Portuguese

Segment: UNT Message Trailer

Position: 0650

Group:

Level: 0

Usage: Mandatory

Max Use: 1

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

message and the control reference number of the message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: 26 sent segment, reference 1357924680

UNT+26+1357924680'

Data Element Summary

Data	Component			Base	User
Element	Element	<u>Name</u>	At	<u>tributes</u>	Attributes
0074		NUMBER OF SEGMENTS IN A MESSAGE	M	n6	M
		Control count of number of segments in a message.			
0062		MESSAGE REFERENCE NUMBER	M	an14	M
		Unique message reference assigned by the sender.			