



APERAK

Messaging User Guide (EDI)

This APERAK Messaging Guide in EDI contains the response to a message sent to valenciaportpcs.net's Inland Transport Service.

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1 // Introduction

1.1 // Track changes

Version	Parts that change	Change description
16 th May 2011	--	Original version
22 nd June 2011	Chapter 6.17.2	UNT segment is not generated in plain text file format
31 st January, 2012	Full document	Complete revision after go-live of new version of the service. Removal of references to Transition Phase.
11th May, 2012	Full document	Removed all references to Plain File format, not supported any longer.
4 th March, 2013	4.7.3. Elements	New values for the type of message for which a reply is given
20th February, 2014	3.1 // Summary table 4.16 // SG6: . . . DTM Date/Time/Period	Release and acceptance expiry date date/time has been added. Maximum repetitions of DTM segment have been increased.
29th April, 2021	4.15.2 Elements 4.15.3 EDI example 4.16.2 Elements 4.16.3 EDI example	Removed closing time code and new order validity start dates and times.

(*) The track changes table features the parts of this document which have changed compared to the previous version.

1.2 // Object

The object of this document is to define the user guide for the EDI message corresponding to valenciaportpcs.net's XML Acknowledgment message. **This APERAK message is transformed into XML format.**

This message is part of the **new** message flow which the valenciaportpcs.net portal has created to facilitate exchanges of documents concerned with the management of Valenciaport's Inland Transport system.

1.3 // Scope

The Acknowledgment message is used so that valenciaportpcs.net can confirm that a message has been received correctly or to report the existence of errors in the received message. In the framework of valenciaportpcs.net's Inland Transport service, the Acknowledgment message is **only sent by the system** in response to functional messages sent by the user.

1.4 // Contents

This guide is divided up into different chapters as shown below:

- Chapter 1 – Introduction
- Chapter 2 – General comments about message details, such as formats, lists used and identification of mandatory data.
- Chapter 3 – General structure of the APERAK message.
- Chapter 4 – Details of the APERAK structure for each of the elements that makes up the message.
- The last chapter contains an example of a complete APERAK message.

1.5 // Abbreviations and acronyms

Term	Meaning
AC	Acceptance Company
CC	Contracting Company, Contracting Party
CP	Container Provider
ISO	International Standards Organization
LO	Logistics Operator, Freight Forwarder
PAV	Port Authority of Valencia, or Valenciaport
PCS	valenciaportpcs.net
RC	Release Company
SA	Shipping Agent
SCAC	Standard Carrier Alpha Code
TA	Transport Agent
TO	Transport Operator
UN/LOCODE	United Nations Code for Trade and Transport Locations
UTD	Unified Transport Document
Code	Organization code in valenciaportpcs.net

1.6 // Related documents

The following documents describe the rest of the messages available in EDI format for the Inland Transport Service of valenciaportpcs.net:

- *PCS12-TRANS007__Visión General Transporte Fase 2*
- *PCS11-TRANS010__Messaging User Guide IFTMIN.docx*
- *PCS11-TRANS012__Messaging User Guide COPARN.docx*
- *PCS11-TRANS013__Messaging User Guide CODECO.docx*
- *PCS11-TRANS014__Messaging User Guide COPINO.docx*
- *PCS12-TRANS008__Messaging User Guide COPARN (multiple Release and Acceptance Orders).docx*

2 // Special considerations: format and content

2.1 // Status indicators

The status indicators ("M" and "C") form part of the EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure. These indicators are:

Value	Description
M	Mandatory This entity must appear in all messages.
C	Conditional This entity is only necessary if a particular event or situation occurs. It usually depends on specific business situations and is used by agreement between the parties to the transaction.

2.2 // Usage indicators

Usage indicators depend on the specific implementation of the message and therefore specify the conditional status indicators for this implementation. These indicators specify the agreed use for each element or entity, and thus are the indicators used in this document's tables. These indicators are:

Value	Description
M	Mandatory Indicates that the entity is mandatory according to the EDIFACT standard.
R	Required Indicates that the entity is mandatory in this implementation of the message.
D	Dependent Indicates that the use of the entity depends on a particular condition which is clearly defined in the implementation guide.
O	Optional Indicates that this entity is optional.
X	Not used Indicates that this entity is not to be used in this implementation of the message. These elements are crossed-out in this guide.

2.3 // Other remarks

- The data tables for each segment also feature the **intermediate** data which are not used in this implementation of the message. However, all the data at the end of each segment which are not used have not been included for readability.
- The first column of the data tables for each segment shows the standard status indicators, and the penultimate column shows the usage indicators (i.e. the specific use of each piece of data in this implementation of the guide).
- As in any specific implementation of a guide based on the EDI standard, not all the data that valenciaportpcs.net has used for this document interchange appear in the standard. Thus, some of the codes used in this guide do not appear in the standard.

3 // APERAK message structure

The APERAK message structure according to the UN/EDIFACT D2010B directory (on which these guidelines are based) is as follows:

Pos	Tag Name	S	R
0010	UNH Message header	M	1
0020	BGM Beginning of message	M	1
0030	DTM Date/time/period	C	9
0040	FTX Free text	C	9
0050	CNT Control total	C	9
0060	----- Segment group 1 -----	C	99-----+
0070	DOC Document/message details	M	1
0080	DTM Date/time/period	C	99-----+
0090	----- Segment group 2 -----	C	9-----+
0100	RFF Reference	M	1
0110	DTM Date/time/period	C	9-----+
0120	----- Segment group 3 -----	C	9-----+
0130	NAD Name and address	M	1
0140	CTA Contact information	C	9
0150	COM Communication contact	C	9-----+
0160	----- Segment group 4 -----	C	99999-----+
0170	ERC Application error information	M	1
0180	FTX Free text	C	1
0190	----- Segment group 5 -----	C	9-----+
0200	RFF Reference	M	1
0210	FTX Free text	C	9-----++
0220	UNT Message trailer	M	1

3.1 // Summary table

The following table only shows the APERAK standard segments used in this implementation of the guide. The maximum repetitions and mandatory nature shown in this summary table specifies whether there are any differences between this particular implementation and the standard.

0005	UNB	Interchange Header	M	1	
0010	UNH	Message Header	M	1	
0020	BGM	Beginning of Message	M	1	
0030	DTM	Date/Time/Period	C	9 1	
0040	FTX	Free Text	C	9 Unlimited	
0060		Segment Group 1: DOC-DTM	C		99 1
0070	DOC	Document/Message Details	M	1	
0090		Segment Group 2: RFF-DTM	C		9
0100	RFF	Reference	M	1	
0160		Segment Group 4: ERC-FTX	C		9999 Unlimited
0170	FTX	Free Text	C	1	
0180		Segment Group 6: EQD-EQN-RFF	M		9999 Unlimited
0190	EQD	Equipment Details	C	1	
0200	EQN	Number of Units	C	1	
0210	RFF	Reference	C	9	
0220	DTM	Date/Time/Period	C	9	
0230	UNT	Message Trailer	M	1	
0240	UNZ	Interchange Trailer	M	1	

4 // APERAK message elements

4.1 // UNB – Interchange Header

Segment: **UNB** Interchange Header
Position: 0005
Group:
Level: 0
Usage: Mandatory
Max Use: 1

4.1.1. Purpose

Initial group of elements used to identify and specify the message sender, recipient and date sent.

4.1.2. Comments

- The sender of the APERAK message is always valenciaportpcs.net. Therefore, the *Sender identification* element will always contain the value **VALENCIAPORT**. The *Recipient identification* element will contain the code assigned by valenciaportpcs.net to the message recipient organisation, which will match the sender of the message which is being replied to.

4.1.3. Elements

	Data Element	Component Element	Name	Attributes	
M	S001		SYNTAX IDENTIFIER	O	
M		0001	Syntax identifier	O	an..6
			<i>UNOA</i>		<i>Indicating the use of level 'A' character set.</i>
M		0002	Syntax version number	O	n1
			2		<i>Indicating the use of level 'A' character set.</i>
M	S002		INTERCHANGE SENDER	M	
M		0004	Sender identification	M	an..35
			<i>Name code of the message sender.</i>		
			Fixed value: VALENCIAPORT		
X		0007	Identification Code Qualifier	€	an..4
X		0008	Interchange sender internal identification	€	an..14
M	S003		INTERCHANGE RECIPIENT	M	
M		0010	Recipient identification	M	an..35
			<i>Name code of the message recipient.</i>		
			PCS code of the message recipient		
X		0007	Identification Code Qualifier	€	an..4
X		0014	Interchange Recipient Internal Identification	€	an..14
M	S004		DATE/TIME OF PREPARATION	M	
M		0017	Date	M	n6
			Date the message is sent, in YYMMDD format		
M		0019	Time	M	n4
			Time the message is sent, in HHMM format		
M	S005	0020	Interchange control reference	M	an..14

4.1.4. EDI example

```
UNB++USER+VALENCIAPORT+110101:1708+Interchange ref'
```

4.2 // UNH – Message Header

Segment: **UNH** Message Header
 Position: 0010
 Group:
 Level: 0
 Usage: Mandatory
 Max Use: 1

4.2.1. Purpose

Group of elements used to identify a message and its type.

4.2.2. Elements

	Data Element	Component Element	Name	Attributes
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique reference assigned by the sender to identify the message. As the APERAK is always generated by valenciaportpcs.net, the reference structure will have the following pattern: VPRTACCCCCCCC Where: <ul style="list-style-type: none"> • VPRT: an4. valenciaportpcs.net identification code • A: an1. Last digit of the current year CCCCCCCC : an..9. Item number which completes the unique identifier	
M	S009		MESSAGE IDENTIFIER	M
			<i>Element group to identify the type, version, etc. of the interchanged message.</i>	
M		0065	Message type identifier	M an..6
			APERAK <i>Application error and acknowledgement message.</i>	
M		0052	Message type version number	O an..3
			D <i>Draft version/UN/EDIFACT Directory.</i>	
M		0054	Message type release number	M an..3
			10B <i>Release 2010 – B</i>	
M		0051	Controlling agency	O an..2
			UN <i>UN/CEFACT</i>	
R		0057	Association assigned code	M an..6
			<i>This code indicates the agency maintaining the Message Implementation Guideline and the version of that Guideline which has been used. Any agency may place a code in this element (General Recommendation D4/G5 refers).</i>	
			VP-TT <i>Valenciaport, Inland Transport service (TT)</i>	

4.2.3. EDI example

UNH+VPRT0123456789+APERAK:D:10B:UN:VP-TT'

4.3 // BGM – Beginning of Message

Segment: **BGM** Beginning of Message
 Position: 0020
 Group: 0
 Level: 0
 Usage: Mandatory
 Max Use: 1

4.3.1. Purpose

Group of elements used to identify the message version and function.

4.3.2. Elements

	Data Element	Component Element Name	Attributes
R	<u>C002</u>	DOCUMENT/MESSAGE NAME	€
R	<u>1001</u>	Document name code	€ an..3
X	<u>1131</u>	Code list identification code	€ an..3
X	<u>3055</u>	Code list responsible agency code	€ an..3
⊖	<u>1000</u>	Document name	€ an..35
R	C106	DOCUMENT/MESSAGE IDENTIFICATION	C
		<i>Element group to identify the document by its number and version.</i>	
R	<u>1004</u>	Document number	€ an..35
X	1056	Version	O an..9
		1.0	
X	<u>1060</u>	Revision number	€ an..6
R	1225	MESSAGE FUNCTION CODE	M an..3
		Message function Accepted values:	
		<ul style="list-style-type: none"> • 27: rejected (not accepted) • 29: accepted • 30: accepted with remarks 	

4.3.3. EDI example

BGM++:1.0+29'

4.4 // DTM – Date/Time/Period

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 0
Usage: Conditional
Max Use: 9 1

4.4.1. Purpose

Group of elements used to indicate dates and times associated with the document for which a reply is given (solely the valid date of the document according to the Closing Time procedure).

4.4.2. Elements

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
M	C507		DATE/TIME/PERIOD	C	
M		2005	Date or time or period function code qualifier	M	an..3
			<i>Function of the date.</i>		
		7	<i>Effective date/time.</i>		
			Date and/or time at which specified event or document becomes effective.		
			Value which saves the valid date assigned to the document for which a reply is given, according to the Port of Valencia's inland Closing Time procedure.		
R		2380	Date or time or period value	M	an..35
			<i>Value of the date/time.</i>		
R		2379	Date or time or period format code	C	an..3
			<i>Format of the date/time.</i>		
		203	CCYYMMDDHHMM		
			<i>Calendar date: C=Century; Y=Year; M=Month; D=Day, H=Hour, MM=Minute</i>		

4.4.3. EDI example

DTM+7:201101010745:203'

4.5 // FTX – Free Text

Segment: **FTX** Free Text
Position: 0040
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: ∞ Unlimited

4.5.1. Purpose

Group of elements used to indicate remarks.

4.5.2. Comments

- The elements in this segment are not error texts (mentioned below in the message). They are simply remarks input by valenciaportpcs.net in all the accepted messages (such as information about Inland Closing Time, even though the Closing Time date is a structured piece of data which is indicated below), and especially in accepted messages featuring remarks. In these messages, the remarks correspond to warnings about apparent inconsistencies in the data.

4.5.3. Elements

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
M	4451		TEXT SUBJECT CODE QUALIFIER	M	an..3
			<i>Code to specify the purpose of the text.</i>		
			Code which identifies the type of remarks Accepted values:		
			<ul style="list-style-type: none"> SYS: (System) remarks made by valenciaportpcs.net 		
X	4453		FREE TEXT FUNCTION CODE	€	an..3
Ø	C107		TEXT REFERENCE	Ø	
Ø		1131	Code list identification code	€	an..17
Ø		3055	Code list responsible agency code	€	an..3
O	C108		TEXT LITERAL	O	
			<i>Free text literal.</i>		
M		4440	Free text value	M	an..512 an..350
			Free text to include the remark		

4.5.4. EDI example

FTX+SYS+++Document valid as of: 15/3/2011'

4.6 // DOC Segment Group 1: Document/Message Details

Group: **DOC** Segment Group 1: Document/Message Details
Position: 0060
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99 1

4.6.1. Purpose

Group of elements which indicates the type of message for which a reply is given.

4.6.2. Elementos

Data Component				Attributes	
	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	0070	DOC	Document/Message Details	M	1
E	0080	DTM	Date/Time/Period	E	99

4.7 // SG1: . . . DOC Document/Message Details

Segment: **DOC** Document/Message Details
Position: 0070 (Trigger Segment)
Group: Segment Group 1 (Document/Message Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1

4.7.1. Purpose

Element which indicates the type of message for which a reply is given.

4.7.2. Comments

- The type of message for which a reply is given must be indicated.

4.7.3. Elements

Data		Component		Attributes	
<u>Element</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Element</u>	<u>Value</u>
M	C002		DOCUMENT/MESSAGE NAME	M	
M		1001	Document name code	M	an..3
<i>Code to identify the type of document/message</i>					
Code which identifies the type of message for which a reply is given					
Accepted values:					
<ul style="list-style-type: none"> • 109: Release Confirmation • 111: Acceptance Confirmation • 126: Acceptance Order • 129: Release Order • 220: Transport Instructions • 264: Release/Acceptance Orders (<i>transport equipment movement instruction</i>) • 701: Unified Transport Document (Transport Instructions, Release and Acceptance Orders) • 999: Transport Assignment 					

4.7.4. EDI example

DOC+701'

4.8 // RFF Segment Group 2: Reference

Group: **RFF** Segment Group 2: Reference
Position: 0090
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9

4.8.1. Purpose

Group of elements which contains different references associated with the message for which a reply is given. These references are described in their own specific segment (next chapter).

4.8.2. Comments

- This group includes the references to the message for which a reply is given, and (optionally) additional references to the document related to the message sent.
- The Closing Time date assigned to the document for which a reply is given is also included in this group.

4.8.3. Elements

Data Component				Attributes	
	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	0100	RFF	Reference	M	1
C	0110	DTM	Date/Time/Period	C	9

4.9 // SG2: . . . RFF Reference

Segment: **RFF** Reference
Position: 0100 (Trigger Segment)
Group: Segment Group 2 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1

4.9.1. Purpose

Elements indicated to include the different references associated with the message and/or the document for which a reply is given.

4.9.2. Comments

- The message number for which a reply is given must be indicated.

4.9.3. Elements

	Data Element	Component Element	Name	Attributes
M	C506		REFERENCE	M
			<i>To indicate the references assigned to the document.</i>	
M		1153	Reference function code qualifier	M an..3
			<i>Code to identify the meaning of the reference.</i>	
			Code which identifies the reference type Accepted values: <ul style="list-style-type: none"> ACW: Number of the message for which a reply is given ACE: Document number (assigned by PCS) associated with the message for which a reply is given ADN: Sender's reference to the document related to the message for which a reply is given 	
R		1154	Reference identifier	€ M an..35
			<i>Value of the reference.</i>	

4.9.4. EDI example

RFF+ACW:MessageNum0011'

4.10 // ERC Segment Group 4: Application Error Information

Group: **ERC** Segment Group 4: Application Error Information
Position: 0160
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99999 Unlimited

4.10.1. Purpose

Group of elements which contains the errors found in the message for which a reply is given.

4.10.2. Comments

- This group only exists for rejected messages.

4.10.3. Elements

		Data Component			
		<u>Element</u>	<u>Element Name</u>	<u>Attributes</u>	
M	0170	ERC	Application Error Information	M	1
C	0180	FTX	Free Text	C	1

4.11 // SG4: . . . FTX Free Text

Segment: **FTX** Free Text
Position: 0170
Group: Segment Group 4 (Application Error Information) Conditional (Advised)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1

4.11.1. Purpose

Element which contains an error message.

4.11.2. Elements

	Data Element	Component Element	Name	Attributes	
M	4451		TEXT SUBJECT CODE QUALIFIER	M	an..3
			<i>Code to specify the purpose of the text.</i>		
			Code which identifies the type of remarks		
			Accepted values:		
			<ul style="list-style-type: none"> AAO: Error description 		
X	4453		TEXT FUNCTION CODE	€	an..3
Ⓞ	C107		TEXT REFERENCE	€	
M		4441	Free text value code	€	an..17
Ⓞ		1131	Code list identification code	€	an..3
Ⓞ		3055	Code list responsible agency code	€	an..3
O	C108		TEXT LITERAL	€ M	
			<i>Free text literal.</i>		
M		4440	Free text value	M	an..512
			<i>Free text, minimum one line.</i>		
			<i>Error message.</i>		

4.11.3. EDI example

FTX+AAO+++Error description

4.12 // EQD Segment Group 6: Equipment Details

Group: **EQD** Segment Group 6: Equipment Details
Position: 0180
Group:
Level: 1
Usage: Conditional
Max Use: 9999 Unlimited

4.12.1. Purpose

Group of elements which contains references associated to each container in the Transport Document related to the message for which a reply is given.

4.12.2. Comments

- This group of elements does not exist in the EDI standard for the APERAK message, but is included in this guide for specific valenciaportpcs.net business reasons.

4.12.3. Elements

	Data Component			Attributes	
	<u>Element</u>	<u>Element Name</u>			
M	0190	EQD	Equipment Details	C	1
D	0200	EQN	Number of Units	C	1
D	0210	RFF	Reference	C	99

4.13 // SG6: . . EQD Equipment Details

Segment: **EQD** Equipment Details
Position: 0190 (Trigger Segment)
Group: Segment Group 6 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional
Max Use: 1

4.13.1. Purpose

Element which contains the container plate number.

4.13.2. Elements

Data		Component		Attributes	
<u>Element</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	8053		EQUIPMENT TYPE CODE QUALIFIER	M C	an..3
<i>Code to qualify the type of equipment.</i>					
		CN	Container		
D	C237		EQUIPMENT IDENTIFICATION	C	
D		8260	Equipment Identification number	C	an..17 an..11
Container plate number					

4.13.3. EDI example

EQD+CN+ABCU5466894'

4.14 // SG6: . . EQN Number of Units

Segment: **EQN** Number of Units
Position: 0200 (Trigger Segment)
Group: Segment Group 6 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional
Max Use: 1

4.14.1. Purpose

Element which contains the container item number.

4.14.2. Elements

		Data Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	C523		NUMBER OF UNITS DETAILS	M
C		6350	Units Quantity	M
				an..15 an..10
			Container item number or unique reference	

4.14.3. EDI example

EQN+1'

4.15 // SG6: . . . RFF Reference

Segment: **RFF** Reference
Position: 0210
Group: Segment Group 6 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional
Max Use: 99

4.15.1. Purpose

Element which contains references associated to each container in the Transport Document related to the message for which a reply is given.

4.15.2. Elements

Data		Component		Attributes	
Element	Element	Name			
M	C506	REFERENCE		M	
<i>To indicate the references assigned to the document.</i>					
M	1153	Reference function code qualifier		M	an..3
<i>Code to identify the meaning of the reference.</i>					
Code which identifies the reference type					
Accepted values:					
<ul style="list-style-type: none"> • AAU: Document number assigned by the system to the Release Order (dispatch note number) • DQ: Document number assigned by the system to the Acceptance Order (delivery note number) • LSR: Release Order bar code • LSA: Acceptance Order bar code • ILR: Release Order locator code, an alternative to the bar code (internal order number) • ILA: Acceptance Order locator code, an alternative to the bar code (internal order number) • MRR: <u>Indicator if the Release Order is valid</u> • MRA: <u>Indicator if the Acceptance Order is valid</u> 					
R	1154	Reference identifier		€ M	an..35
<i>When the qualifier is MRR or MRA:</i>					
<ul style="list-style-type: none"> • VALID: <u>Indicates that the EO/AO is valid</u> • NOT VALID: <u>Indicates that the RO/AO is not valid and didn't sent to the terminal.</u> 					
<i>Value of the reference.</i>					

4.15.3. EDI example

RFF+AAU:USER11040701234567'

RFF+MRR:VALID'

RFF+MRA:NOT_VALID'

4.16 // SG6: . . . DTM Date/Time/Period

Segment: **DTM** Date/Time/Period
Position: 0220
Group: Segment Group 6 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional
Max Use: 9

4.16.1. Purpose

Group of elements to indicate the Closing Time and expiry dates assigned to this container's Release Order and Acceptance Order.

4.16.2. Elements

Data		Component		Attributes	
Element	Element	Name			
M	C507	DATE/TIME/PERIOD		C	
M		2005	Date or time or period function code qualifier	M	an..3
Function of the date.					
Code which identifies the indicated date/time types.					
<ul style="list-style-type: none"> • 261: Closing Time date and time for the Release Order • 709: Closing Time date and time for the Acceptance Order • 36: Expiry date and time for the Release Order • 397: Expiry date and time for the Acceptance Order • 157: Valid from date and time for the Release Order • 392: Valid from date and time for the Acceptance Order 					
R		2380	Date or time or period value	M	an..35
Value of the date/time.					
R		2379	Date or time or period format code	C	an..3
Format of the date/time.					
		203	CCYYMMDDHHMM		
Calendar date: C=Century; Y=Year; M=Month; D=Day, H=Hour, MM=Minute					

4.16.3. EDI example

[DTM+261:201101011530:203'DTM+36:202104190000:203'](#)
[DTM+157:202104202359:203'](#)
[DTM+397:202104220000:203'](#)
[DTM+392:202104230000:203'](#)

4.17 // UNT Message Trailer

Segment: **UNT** Message Trailer
Position: 0230
Group:
Level: 0
Usage: Mandatory
Max Use: 1

4.17.1. Purpose

Closing element of the message.

4.17.2. Elements

		Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M	n..6
M	0062		MESSAGE REFERENCE NUMBER	M	an..14
			<i>Should match DE 0062 in the UNH</i>		

4.17.3. EDI example

UNT+15+107589475213'

4.18 // UNZ Interchange Trailer

Segment: **UNZ** Interchange Trailer
Position: 0240
Group:
Level: 0
Usage: Mandatory
Max Use: 1

4.18.1. Purpose

Closing element of the interchange.

4.18.2. Elements

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
M	0036		Interchange control count	M	n..6
M	0020		Interchange control reference	M	an..14
<i>Should match DE S005 in the UNB</i>					

4.18.3. EDI example

UNZ+1+Interchange ref'

5 // EDI example

The following example aims to serve as a **reference** for sending or receiving an APERAK message in EDI format. Logically, the organization codes are not valid codes. Imaginary codes have been used for demonstration purposes. We have not aimed to use logical message content from a business point of view. Sometimes details which would never be used in real life have been used, but once again, the idea is to demonstrate all the possible message elements that may exist.

```
UNB++VALENCIAPORT+USER+110117:0930+VPRT1123456789'  
UNH+VPRT1123456789+APERAK:D:10B:UN:VP-TT'  
BGM++:1.0+30'  
DTM+7:201012250745:203'  
FTX+SYS+++Information about reefer container is incoherent?: Indicated that it is to be connected on truck but not  
in terminal'  
DOC+701'  
RFF+ACW:USER0123456789'  
RFF+ACE:USER10122512345670'  
RFF+ADN:USERRef'  
EQN+1'  
RFF+AAU:USER10122512345671'  
RFF+DQ:USER10122512345672'  
RFF+LSR:12345678912345678912'  
RFF+LSA:12345678912345678914'  
RFF+ILR:LocEnt'  
RFF+ILA:LocEnt'  
DTM+261:201012250745:203'  
DTM+709:201012250745:203'  
DTM+36:201012250745:203'  
DTM+397:201012250745:203'  
UNT+18+VPRT1123456789'  
UNZ+1+VPRT1123456789'
```



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