



APERAK MESSAGE USER GUIDE

Messaging User Guide (EDI)

Technical Guide for the EDI format APERAK message containing the response to a message sent to valenciaportpcs's Verified Gross Mass Service.

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1 // Introduction

1.1 // Track changes

Version	Parts that change	Change description
16 th May 2016	--	Original version
25 May'16	2.1. Message flow	New message flow added from the Shipper Agent to the Terminal.
28 Jun'16	--	"Draft" watermark deleted.
15 Sep'16	5.1.3. Elements	Syntax Identifier changed from UNOA to UNOC.
09 Jan'17	1.2, 1.3, 1.4, 2.1, 2.3, 4.1, 5.1.2, 5.1.3, 5.2.2, 5.7, 5.8, 5.9, 5.10, 5.11, 5.12 and 6	Response message from carrier agent

(*) The track changes table features the parts of this document which have changed compared to the previous version. These changes are shown in "■" colour in the text.

1.2 // Object

The object of this document is to define the user guide for the EDI message corresponding to the **Vermas'** response message ~~CONTRL XML from valenciaportpcs's, from which has been developed this APERAK message~~. This response will be able to have been generated by valenciaportpcs or by the carrier agent.

This message is part of the **new** message flow which the valenciaportpcs portal has created to facilitate exchanges of documents concerned with the management of Valenciaport's Verified Gross Mass Service.

1.3 // Scope

The Acknowledgment message is used so that valenciaportpcs 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's Verified Gross Mass service, the Acknowledgment message is only sent by the system in response to functional messages sent by the user.~~

1.4 // Reference documents

[1] PCS17-BKING001, Annex Business Context and Related Messaging, Versión 07/02/2017, valenciaportpcs.net

1.5 // Related legislation

N/A

1.6 // Abbreviations and acronyms

Term	Meaning
PAV	Port Authority of Valencia
EDI	Electronic Data Interchange
IMO	International Maritime Organization
ISO	International Organization for Standardization
MSC	Maritime Safety Committee
PCS	Valenciaportpcs
SMDG	Ship-planning Message Design Group
SOLAS	Safety of Life at Sea
UN/CEFACT	United Nations Centre for Trade Facilitation and Electronic Business
UN/EDIFACT	United Nations Electronic Data Interchange for Administration, Commerce and Transport
UN/LOCODE	United Nations Code for Trade and Transport Locations
VERMAS	Verified Gross Mass Message
VGM	Verified Gross Mass

2 // Business context and associated messaging

Business context and associated messaging are available in then annex Annex Business Context and Related Messaging [1].

3 // Special considerations: format and content

3.1 // 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.

3.2 // 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.

3.3 // 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.

4 // 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

4.1 // 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.

	Pos.	Tag	Name	S	R	
	0005	UNB	Interchange Header	M	1	
M	0010	UNH	Message Header	M	1	
M	0020	BGM	Beginning of Message	M	1	
C	0030	DTM	Date/Time/Period	C	9 1	
O	0040	FTX	Free text	C	9	
O	0050	CNT	Control Total	C	9	
O	0060		Segment Group 1: DOC – DTM	C		99
M	0070	DOC	Document / message details	M	4	
M	0080	DTM	Date/time/period	C	99	
M	0090		Segment Group 2: RFF - DTM	C		9
O	0100	RFF	Reference	M	4 9	
O	0110	DTM	Date/time/period	C	9	
O	0120		Segment Group 3: NAD – CTA - COM	C		9 1
O	0130	NAD	Name and address	M	1	
O	0140	CTA	Contact Information	C	9	
	0150	COM	Communication contact	C	9	
M	0160		Segment Group 4: ERC – FTX	C		9999
O	0170	ERC	Application error information	M	4	
O	0180	FTX	Free Text	C	1	
C	0190		Segment Group 5: RFF – FTX – UNT	C		9
O	0200	RFF	Reference	M	4 9	
O	0210	FTX	Free Text	C	9	
M	0220	UNT	Message trailer	M	1	
M	0230	UNZ	Interchange trailer	M	1	

5 // APERAK message elements

5.1 // UNB – Interchange Header

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

5.1.1. Purpose

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

5.1.2. Comments

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

5.1.3. Elements

	Data Element	Component Element	Name	Attributes	
M	S001		SYNTAX IDENTIFIER	O	
M		0001	Syntax identifier	O	an..6
			UNOC	Indicating the use of level 'AC' character set.	
M		0002	Syntax version number	O	n1
			2	Indicating the use of level 'A' character set.	
M	S002		INTERCHANGE SENDER	M	
M		0004	Sender identification	M	an..35
				Name code of the message sender.	
				Fixed value: VALENCIAPORT	
X		0007	Identification Code Qualifier	E	an..4
X		0008	Interchange sender internal identification	E	an..14
M	S003		INTERCHANGE RECIPIENT	M	
M		0010	Recipient identification	M	an..35
				Name code of the message recipient.	
				PCS code of the message recipient	
X		0007	Identification Code Qualifier	E	an..4
X		0014	Interchange Recipient Internal Identification	E	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

5.1.4. EDI example

UNB+UNOC:2+VALENCIAPORT+USER+110101:1708+Interchange ref'

5.2 // UNH – Message Header

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

5.2.1. Purpose

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

5.2.2. 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-When generated by valenciaportpcs, the reference structure will have the following pattern: VPRTACCCCCCCC Where: <ul style="list-style-type: none"> VPRT: an4. valenciaportpcs identification code A: an1. Last digit of the current year CCCCCCCCC : 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		
<table border="1"> <tr> <td>APERAK</td> <td>Application error and acknowledgement message.</td> </tr> </table>			APERAK	Application error and acknowledgement message.	
APERAK	Application error and acknowledgement message.				
M	0052	Message type version number	O an..3		
<table border="1"> <tr> <td>D</td> <td>Draft version/UN/EDIFACT Directory.</td> </tr> </table>			D	Draft version/UN/EDIFACT Directory.	
D	Draft version/UN/EDIFACT Directory.				
M	0054	Message type release number	M an..3		
<table border="1"> <tr> <td>00B</td> <td>Release 2000 – B</td> </tr> </table>			00B	Release 2000 – B	
00B	Release 2000 – B				
M	0051	Controlling agency	O an..2		
<table border="1"> <tr> <td>UN</td> <td>UN/CEFACT</td> </tr> </table>			UN	UN/CEFACT	
UN	UN/CEFACT				
R	0057	Association assigned code	M an..6		
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).					
<table border="1"> <tr> <td>VP-VGM</td> <td>Valenciaport, Verified Gross Mass Service (VGM)</td> </tr> </table>			VP-VGM	Valenciaport, Verified Gross Mass Service (VGM)	
VP-VGM	Valenciaport, Verified Gross Mass Service (VGM)				

5.2.3. EDI example

UNH+VPRT0123456789+APERAK:D:00B:UN:VP-VGM'

5.3 // BGM – Beginning of Message

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

5.3.1. Purpose

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

5.3.2. Elements

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

5.3.3. EDI example

BGM++AB151001101005+27'

5.4 // DTM – Date/Time/Period

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

5.4.1. Purpose

Group of elements used to indicate dates and times associated with the document for which a reply is given.

5.4.2. Elements

Data		Component		Attributes	
<u>Element</u>	<u>Element</u>	<u>Name</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>		
		137	Effective date/time.		
			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.		
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>		

5.4.3. EDI example

DTM+137:201101010745:203'

5.5 // RFF Segment Group 2: Reference

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

5.5.1. 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).

5.5.2. 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.

5.5.3. Elements

	Data	Component		Attributes	
	Element	Element	Name		
M	0100	RFF	Reference	M	1
€	0110	DTM	Date/Time/Period	€	9

5.6 // SG2: ... RFF Reference

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

5.6.1. Purpose

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

5.6.2. Comments

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

5.6.3. Elements

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
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 	
R		1154	Reference identifier	€ M an..35
			<i>Value of the reference.</i>	

5.6.4. EDI example

```
RFF+ACW:MessageNum0011'
```

5.7 // NAD Segment Group 3: Name and Address

Group: **NAD** Segment Group 2: Name and Address
Position: 0120
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1

5.7.1. Propósito

Element which contains the details of the carrier when the APERAK is the response from the Shipping Agent.

5.7.2. Elementos

	<u>Data</u>	<u>Component</u>		<u>Attributes</u>	
	<u>Element</u>	<u>Element</u>	<u>Name</u>		
O	0130	NAD	Name and address	M	1 1
O	0140	CTA	Contact information	C	9
O	0150	COM	Communication contact	C	9

5.8 // SG3: . . . NAD Name and address

Segment:	NAD Name and address
Position:	0130 (Trigger Segment)
Group:	Segment Group 3 (Name and address) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1

5.8.1. Purpose

Group of elements which contains the carrier involved in the document. The APERAK sender must be a local agent of this carrier.

5.8.2. Elements

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035	PARTY FUNCTION CODE QUALIFIER	M an..3
		<i>Code to identify the function carried out by the specified party.</i>	
		Code which identifies the type of agent or involved party. Accepted values:	
		<ul style="list-style-type: none"> CA: Carrier Agent 	
X	C082	PARTY IDENTIFICATION DETAILS	C
		<i>To identify the specified party.</i>	
X		3039 Party identifier	M an..35 an..4
		Code assigned by valenciaportpcs.net to this agent or involved party.	
X		1131 Code list identification code	C an..17
X		3055 Code list responsible agency code	C an..3
X	C058	NAME AND ADDRESS	C
		<i>Used for unstructured name and address details, if appropriate</i>	
X		3124 Name and address line	M an..35
		<i>Free text (minimum one line)</i>	
X		3124 Name and address line	C an..35
X		3124 Name and address line	C an..35
X		3124 Name and address line	C an..35
X		3124 Name and address line	C an..35
R	C080	PARTY NAME	C
		<i>To specify the name of the party.</i>	
M		3036 Party name line	M an..35
		Name of the agent or involved party (divided up, if necessary, in the five repetitions of the same element)	
Ø		3036 Party name line	C an..35
Ø		3036 Party name line	C an..35
Ø		3036 Party name line	C an..35
Ø		3036 Party name line	C an..35
Ø		3045 Party name format code	C an..3
X	C059	STREET	C
		<i>To specify the address or postal code.</i>	
X		3042 Street and number or post office box	M an..35
		Address of the agent or involved party (street, number, and other details, except the city and postal code, divided up, if necessary, in the four repetitions of the same element)	
X		3042 Street and number or post office box	C an..35
X		3042 Street and number or post office box	C an..35

X		3042	Street and number or post office box	C	an..35
X		3042	Street and number or post office box	C	an..35
X	3164		CITY NAME	C	an..35
			<i>Name of the city/town.</i>		
X	6819		COUNTRY SUB-ENTITY DETAILS	€	
X		3229	Country sub-entity name code	€	an..9
X		1131	Code list identification code	€	an..17
X		3055	Code list responsible agency code	€	an..3
X		3228	Country sub-entity name	€	an..35
X	3251		POSTAL IDENTIFICATION CODE	C	an..17
			<i>Postal/zip code.</i>		
X	3207		COUNTRY NAME CODE	€	an..3

5.8.3. EDI example

NAD+ CA+USER++Carrier Agent+Street no. N+City+46000'

5.9 // SG3: . . . CTA: Contact Information

Segment: **CTA** Contact Information
Position: 0170
Group: Segment Group 3 (Name and Address) Conditional
Level: 2
Usage: Conditional
Max Use: 9

5.9.1. Purpose

Group of elements which contains the contact details of the agent or involved party.

5.9.2. Elements

	<u>Data</u>	<u>Component</u>		<u>Attributes</u>	
	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	0140	CTA	Contact Information	M	1
C	0150	COM	Communication Contact	C	9

5.10 // SG3: . . . SG3: . . . CTA Contact Information

Segment: **CTA** Contact Information
Position: 0140 (Trigger Segment)
Group: Segment Group 3 (Contact Information) Mandatory
Level: 2
Usage: Mandatory
Max Use: 1

5.10.1. Purpose

Group of elements which contains a contact name for the agent or involved party.

5.10.2. Comments

- The contact name must be indicated.

5.10.3. Elements

Data Element	Component Element	Name	Attributes	
3139		CONTACT-FUNCTION-CODE	C	an..3
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	
		<i>Code and/or name of a contact such as a department or employee.</i>		
	3413	Department of employee name code	C	an..17
	3412	Department of employee name	M	an..35
		<i>Name of a contact, such as a department or employee.</i>		

5.10.4. EDI example

CTA++:Contact name'

5.11 // SG3: . . . SG3: . . . COM Communication Contact

Segment: **COM** Communication Contact
Position: 0150
Group: Segment Group 3 (Contact Information) Conditional
Level: 2
Usage: Conditional
Max Use: 9

5.11.1. Purpose

Element which contains the type of contact details for the contact person.

5.11.2. Comments

- Both the type of contact and the contact details must be indicated.
- It is not possible to repeat a contact detail for the same type of contact.

5.11.3. Elements

	Data Element	Component Element	Name	Attributes	
M	C076		COMMUNICATION CONTACT	C	
			<i>Communication number of a department or employee in a specified channel.</i>		
R		3148	Communication number	M	an..512 an..70
			<i>Contact name's phone number or e-mail address</i>		
R		3155	Communication number code qualifier	M	an..3
			Code which identifies the type of contact details Accepted values: <ul style="list-style-type: none"> • AL: Cellular phone • AM: International telephone direct line • EM: Electronic mail • MA: Mail 		

5.11.4. EDI example

COM+NAME@VGM_PARTY.COM:EM'

5.12 // FTX Segment Group 4: Application Error Information

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

5.12.1. Purpose

Element group that contains the errors found in the message for which a replay is given.

5.12.2. Comments

- This group only exists for messages with rejected or accepted with remarks functions.

5.12.3. Elements

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

5.13 // SG4: . . . FTX Free Text

Segment: **FTX** Free Text
Position: 0180
Group: Segment Group 4 (Application Error Information) Conditional (Advised)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1

5.13.1. Purpose

Element which contains an error message, indicating the reason for which the original messages was rejected or accepted with remarks.

5.13.2. 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"> • AAI: Remarks • AAO: Error description 		
X	4453		TEXT FUNCTION CODE	E	an..3
	C107		TEXT REFERENCE	E	
M		4441	Free text value code	E	an..17
		1131	Code list identification code	E	an..3
		3055	Code list responsible agency code	E	an..3
O	C108		TEXT LITERAL	E M	
			<i>Free text literal.</i>		
M		4440	Free text value	M	an..512
			<i>Free text, minimum one line. Error message.</i>		

5.13.3. EDI example

FTX+AAI+++Descripción del error

5.14 // RFF Segment Group 5: Reference

Group: **RFF** Segment Group 5: Reference
Position: 0190
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9

5.14.1. Purpose

Group of elements which contains different references associated with the message for which a reply is given.

5.14.2. Elements

	Data Element	Component Element	Name	Attributes	
O	0200	RFF	Application Error Information	M	19
O	0210	FTX	Free Text	C	9

5.15 // SG5: . . . RFF Reference

Segment: **RFF** Reference
Position: 0200
Group: Segment Group 5
Level: 2
Usage: Conditional
Max Use: 9

5.15.1. Purpose

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

5.15.2. 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"> • 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)	
R		1154	Reference identifier	EM an.35
			<i>Value of the reference.</i>	

5.15.3. EDI example

RFF+AAU:USER11040701234567'

5.16 // UNT Message Trailer

Segment: **UNT** Message Trailer
Position: 0220
Group:
Level: 0
Usage: Mandatory
Max Use: 1

5.16.1. Purpose

Closing element of the message.

5.16.2. Elements

	<u>Data Element</u>	<u>Component 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>		

5.16.3. EDI example

UNT+15+107589475213'

5.17 // UNZ Interchange Trailer

Segment: **UNZ** Interchange Trailer
Position: 0230
Group:
Level: 0
Usage: Mandatory
Max Use: 1

5.17.1. Purpose

Closing element of the interchange.

5.17.2. 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>		

5.17.3. EDI example

UNZ+1+Interchange ref'

6 // 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.

6.1 // ACCEPTED Message

```
UNB+UNOC:2+VALENCIAPORT+SICA+160425:1645+VPRT6000000115'
UNH+VPRT6000000115+APERAK:D:00B:UN:VP-VGM'
BGM++AB160425164519+29'
DTM+137:201101010745:203'
RFF+ACW:AB160425164519'
RFF+ACE:SICA16042500000004'
UNT+6+VPRT6000000115'
UNZ+1+VPRT6000000115'
```

6.2 // REJECTED Message

```
UNB+UNOC:2+VALENCIAPORT+SICA+160425:1648+VPRT6000000117'
UNH+VPRT6000000117+APERAK:D:00B:UN:VP-VGM'
BGM++AB160425164805+27'
DTM+137:201101010745:203'
RFF+ACW:AB160425164805'
FTX+AAO+++Mensaje de error'
UNT+6+VPRT6000000117'
UNZ+1+VPRT6000000117'
```

6.3 // ACCEPTED WITH REMARKS Message

```
UNB+UNOC:2+VALENCIAPORT+SICA+160425:1645+VPRT6000000115'
UNH+VPRT6000000115+APERAK:D:00B:UN:VP-VGM'
BGM++AB160425164519+30'
DTM+137:201101010745:203'
RFF+ACW:AB160425164519'
RFF+ACE:SICA16042500000004'
FTX+AAI+++Su mensaje fue aceptado con observaciones'
UNT+6+VPRT6000000115'
UNZ+1+VPRT6000000115'
```

6.4 // ACCEPTED WITH REMARKS Message from Shipping Agent

```
UNB+UNOC:2+SICA+VALENCIAPORT+160425:1645+SICA6000000115'  
UNH+SICA6000000115+APERAK:D:00B:UN:VP-VGM'  
BGM++AB160425164519+30'  
DTM+137:201101010745:203'  
RFF+ACW:AB160425164519'  
RFF+ACE:SICA16042500000004'  
NAD+CA+SCAC++Carrier Name+Street+City+46000'  
CTA++:contact'  
COM+961234567:AM'  
FTX+AAI+++Su mensaje fue aceptado con observaciones'  
UNT+6+ SICA6000000115'  
UNZ+1+ SICA6000000115'
```



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