

EDIFACT APERAK D96B (Acknowledgement) Implementation Guide

Version: 1.3

Company: CargoSmart Limited

Table of Contents

APERAK	Application error and acknowledgement message	1
UNB	INTERCHANGE HEADER	3
UNG	FUNCTIONAL GROUP HEADER	6
UNH	MESSAGE HEADER	8
BGM	BEGINNING OF MESSAGE	10
DTM	DATE/TIME/PERIOD	12
FTX	FREE TEXT	13
Group 1	Segment Group 1	15
RFF	REFERENCE	16
Group 2	Segment Group 2	17
NAD	NAME AND ADDRESS	18
Group 3	Segment Group 3	20
ERC	APPLICATION ERROR INFORMATION	21
UNT	MESSAGE TRAILER	22
UNE	FUNCTIONAL GROUP TRAILER	23
UNZ	INTERCHANGE TRAILER	24

APERAK Application error and acknowledgement message

Message Status=1

Purpose: The function of this message is: a) to inform a message issuer that his message has been received by the addressee's application and has been rejected due to errors encountered during its processing in the application. b) to acknowledge to a message issuer the receipt of his message by the addressee's application.

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
	UNB	INTERCHANGE HEADER	M	1		Must use
	UNG	FUNCTIONAL GROUP HEADER	C	1		Used
0010	UNH	MESSAGE HEADER	M	1	N0/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N0/0020	Must use
0030	DTM	DATE/TIME/PERIOD	C	9	N0/0030	Used
0040	FTX	FREE TEXT	C	9	N0/0040	Used
* 0050	CNT	CONTROL TOTAL	C	9	N0/0050	Not Used
0060		Segment Group 1	C	9	N0/0060	Used
0070	RFF	REFERENCE	M	1	N0/0070	Must use
* 0080	DTM	DATE/TIME/PERIOD	C	9	N0/0080	Not Used
0090		Segment Group 2	C	9	N0/0090	Used
0100	NAD	NAME AND ADDRESS	M	1	N0/0100	Must use
* 0110	CTA	CONTACT INFORMATION	C	9	N0/0110	Not Used
* 0120	COM	COMMUNICATION CONTACT	C	9	N0/0120	Not Used
0130		Segment Group 3	C	99999	N0/0130	Used
0140	ERC	APPLICATION ERROR INFORMATION	M	1	N0/0140	Must use
* 0150	FTX	FREE TEXT	C	1	N0/0150	Not Used
* 0160		Segment Group 4	C	1	N0/0160	Not used
0170	RFF	REFERENCE	M	1	N0/0170	Must use
0180	FTX	FREE TEXT	C	9	N0/0180	Used
0190	UNT	MESSAGE TRAILER	M	1	N0/0190	Must use
	UNE	FUNCTIONAL GROUP TRAILER	C	1		Used
	UNZ	INTERCHANGE TRAILER	M	1		Must use

Conventions:

- The segment hierarchy lists all the segments of EDIFACT standard. Segments which are not used by CargoSmart are indicated with * sign.
- A detailed description of each segment is listed with the segment ID and name, level (header, detail, or summary), loop (if the segment is contained within a loop), loop repeat (for the first segment in the loop), requirement within the transaction set (as required by CS), maximum use, purpose (as defined by EDIFACT), EDIFACT syntax notes, EDIFACT comments for segment usage, notes that explain CS convention for the segment within the transaction set and a valid sample of that segment.
- The data element summary lists each data element, in order, for the segment. The data element summary includes the following types of information:
 - Ref** - This is the segment identifier with the data element sequence number within the segment.
 - Id** - This is the number assigned to the data element by EDIFACT. This number may be used for direct reference into the EDIFACT Data Element Dictionary
 - Element Name** - This is the name assigned to the data element by EDIFACT, in the EDIFACT Data Element Dictionary.
 - Req** - Element Usage based on EDIFACT standard and CS requirement. Below are the values used:

- . *M Mandatory* The data element must be used if the segment is used.
- . *O Optional* The data element may be used if the segment is used.
- . *C Conditional* The data element may be used - its presence is dependent on the presence or absence of other data elements in the same segment. The particular condition/relation will be stated in the CS Notes section for that segment.
- . **Type** - Element Type based on EDIFACT standard (Reference: http://www.unece.org/trade/untdid/texts/d426_d.htm#p2.9) and CS requirement. Below are the values used:
 - . **ID (Identifier)** Values for the identifier-type data elements are taken from a predefined list in the EDIFACT Data Element Dictionary.
 - . **AN (String)** Values for the string-type data element are a sequence of any printable characters.
 - . **N (Numeric)** Values for a numeric data element are in an implied decimal format. For negative values the leading minus sign (-) is used. Absence of a minus sign indicates a positive number. The decimal point is not transmitted in the character stream.
- . **Minimum/Maximum** - This is the minimum and maximum length the field can be.
- . **Usage** - Element Usage based on CS mapping. Below are values used:
 - . **Must Use** CS is mapping this data element to a mandatory field in internal files and CS DB. Unavailability of this element will lead to CS failure.
 - . **Used** CS may map this data element but unavailability will not cause failure.
 - . **Not Used** CS is not mapping this data element to internal files and data is not extracted/loaded to CS DB.
- . **Code values** - CS supported values for each element.

Revision History:

Ver. No.	Ver. Date	Revised By	Description of change(s)								
1.0	22Feb'06	CargoSmart Integration Team	Initial Release								
1.1	12May'08	CargoSmart Integration Team	Added message code name in BGM_C002 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Name</th> </tr> </thead> <tbody> <tr> <td>23</td> <td>Status information</td> </tr> <tr> <td>705</td> <td>Bill of lading</td> </tr> <tr> <td>770</td> <td>Booking confirmation</td> </tr> </tbody> </table>	Code	Name	23	Status information	705	Bill of lading	770	Booking confirmation
Code	Name										
23	Status information										
705	Bill of lading										
770	Booking confirmation										
1.2	15May'08	CargoSmart Integration Team	Added Group 2 NAD segment Removed Group 1 RFF_C506_1156 Removed Group 1 RFF_C506_4000								
1.3	27Mar'09	CargoSmart Integration Team	Add reference type code in Group 1 RFF_C506_1153 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Name</th> </tr> </thead> <tbody> <tr> <td>BN</td> <td>Booking Number</td> </tr> <tr> <td>BM</td> <td>Bill of Lading Number</td> </tr> <tr> <td>CT</td> <td>Service Contract Number</td> </tr> </tbody> </table>	Code	Name	BN	Booking Number	BM	Bill of Lading Number	CT	Service Contract Number
Code	Name										
BN	Booking Number										
BM	Bill of Lading Number										
CT	Service Contract Number										

UNB INTERCHANGE HEADER

Pos:	Max: 1
Mandatory	
Group:	Elements: 11
N/A	

User Option (Usage): Must use

Purpose: To start, identify and specify an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB010	S001	SYNTAX IDENTIFIER	M	Comp		Must use
		Description: Identification of the agency controlling the syntax and indication of syntax level.				
	0001	Syntax identifier	M	a	4/4	Must use
		Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange.				
		Code	Name			
		UNOA	UN/ECE level A			
		UNOB	UN/ECE level B			
	0002	Syntax version number	M	n	1/1	Must use
		Description: Version number of the syntax identified in the syntax identifier (0001).				
UNB020	S002	INTERCHANGE SENDER	M	Comp		Must use
		Description: Identification of the sender of the interchange.				
	0004	Sender identification	M	an	1/35	Must use
		Description: Name or coded representation of the sender of a data interchange.				
		Code	Name			
		YOUR_ID	Your Interchange ID			
		CS Note: <i>If you are sender</i>				
		CARGOSM	CargoSmart Interchange ID			
		ART				
		CS Note: <i>If CargoSmart is sender</i>				
	0007	Partner identification code qualifier	C	an	1/4	Used
		Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		Code	Name			
		01	CargoSmart Interchange ID Qualifier			
		CS Note: <i>If CargoSmart is sender</i>				
		ZZ	Your Interchange ID Qualifier			
		CS Note: <i>If you are sender</i>				
	0008	Address for reverse routing	C	an	1/14	Used
		Description: Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp		Must use
		Description: Identification of the recipient of the interchange.				
	0010	Recipient identification	M	an	1/35	Must use
		Description: Name or coded representation of the recipient of a data interchange.				
		Code		Name		
		YOUR_ID		Your Interchange ID		
				CS Note:		
				<i>If you?are recipient</i>		
		CARGOSM		CargoSmart Interchange ID		
		ART				
		CS Note:		<i>If CargoSmart is recipient</i>		
	0007	Partner identification code qualifier	C	an	1/4	Used
		Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		Code		Name		
		01		CargoSmart Interchange ID Qualifier		
				CS Note:		
				<i>If CargoSmart is recipient</i>		
		ZZ		Your Interchange ID Qualifier		
		CS Note:		<i>If you are recipient</i>		
	0014	Routing address	C	an	1/14	Used
		Description: Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.				
UNB040	S004	DATE/TIME OF PREPARATION	M	Comp		Must use
		Description: Date/time of preparation of the interchange.				
	0017	Date of preparation	M	n	6/6	Must use
		Description: Local date when an interchange or a functional group was prepared.				
	0019	Time of preparation	M	n	4/4	Must use
		Description: Local time of day when an interchange or a functional group was prepared.				
UNB050	0020	Interchange control reference	M	an	1/14	Must use
		Description: Unique reference assigned by the sender to an interchange.				
UNB060	S005	RECIPIENTS REFERENCE PASSWORD	C	Comp		Used
		Description: Reference or password as agreed between the communicating partners.				
	0022	Recipient's reference/password	M	an	1/14	Must use
		Description: Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.				
	0025	Recipient's reference/password qualifier	C	an	2/2	Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Qualifier for the recipient's reference or password.				
		<u>Code</u> <u>Name</u>				
		AA Reference				
		BB Password				
UNB070	0026	Application reference	C	an	1/14	Used
		Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.				
UNB080	0029	Processing priority code	C	a	1/1	Used
		Description: Code determined by the sender requesting processing priority for the interchange.				
		<u>Code</u> <u>Name</u>				
		A Highest priority				
UNB090	0031	Acknowledgement request	C	n	1/1	Used
		Description: Code determined by the sender for acknowledgement of the interchange.				
		<u>Code</u> <u>Name</u>				
		1 Requested				
UNB100	0032	Cumunications agreement ID	C	an	1/35	Used
		Description: Identification by name or code of the type of agreement under which the interchange takes place.				
UNB110	0035	Test indicator	C	n	1/1	Used
		Description: Indication that the interchange is a test.				
		<u>Code</u> <u>Name</u>				
		1 Interchange is a test				

CS Note:

UNB+UNOC:2+YOUR_ID:ZZ+CARGOSMART:01+070618:1742+3137'

UNG FUNCTIONAL GROUP HEADER

Pos:	Max: 1
Group:	Elements: 8
N/A	

User Option (Usage): Used

Purpose: To head, identify and specify a functional group.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNG010	0038	Functional group identification	M	an	1/6	Must use

Description: Identification of the one type of messages in a functional group.

Code Name

APERAK Application Error and Acknowledgement

UNG020	S006	APPLICATION SENDER'S IDENTIFICATION	M	Comp		Must use
--------	------	--	---	------	--	----------

Description: Identification of the sender's division, department etc. from which a group of messages is sent.

0040	Application sender's identification	M	an	1/35	Must use
------	--	---	----	------	----------

Description: Name or code identifying the originating division, department etc. within the sender's organization.

Code Name

YOUR_ID Your Interchange ID
CARGOSM CargoSmart Interchange ID
ART

0007	Partner identification code qualifier	C	an	1/4	Used
------	--	---	----	-----	------

Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.

Code Name

01 CargoSmart Interchange ID Qualifier
ZZ Your Interchange ID Qualifier

UNG030	S007	APPLICATION RECIPIENTS IDENTIFICATION	M	Comp		Must use
--------	------	--	---	------	--	----------

Description: Identification of the recipient's division, department etc. for which a group of messages is intended.

0044	Application recipient's identification	M	an	1/35	Must use
------	---	---	----	------	----------

Description: Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.

Code Name

YOUR_ID Your Interchange ID
CARGOSM CargoSmart Interchange ID
ART

0007	Partner identification code qualifier	C	an	1/4	Used
------	--	---	----	-----	------

Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.

Code Name

01 CargoSmart Interchange ID Qualifier
ZZ Your Interchange ID Qualifier

UNG040	S004	DATE/TIME OF PREPARATION	M	Comp		Must use
		Description:	Date/time of preparation of the interchange.			
	0017	Date of preparation	M	n	6/6	Must use
		Description:	Local date when an interchange or a functional group was prepared.			
	0019	Time of preparation	M	n	4/4	Must use
		Description:	Local time of day when an interchange or a functional group was prepared.			
UNG050	0048	Functional group reference number	M	an	1/14	Must use
		Description:	Reference number for the functional group assigned by and unique within the sender's division, department etc.			
UNG060	0051	Controlling agency	M	an	1/2	Must use
		Description:	Code identifying the agency controlling the specification, maintenance and publication of the message type.			

Code Name

UN UN/CEFACT

UNG070	S008	MESSAGE VERSION	M	Comp		Must use
		Description:	Specification of the type of messages in the functional group.			
	0052	Message version number	M	an	1/3	Must use
		Description:	Version number of a message type.			

Code Name

D Draft version/UN/EDIFACT Directory

	0054	Message release number	M	an	1/3	Must use
		Description:	Release number within the current message version number.			

Code Name

96B Release 1996 - B

	0057	Association assigned code	C	an	1/6	Used
		Description:	Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.			
UNG080	0058	Application password	C	an	1/14	Used
		Description:	Password to the recipient's division, department or sectional system.			

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To head, identify and specify a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	
UNH010	0062	Message reference number	M	an	1/14	Must use	
		Description: Unique message reference assigned by the sender.					
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		Must use	
		Description: Identification of the type, version etc. of the message being interchanged.					
	0065	Message type identifier	M	an	1/6	Must use	
		Description: Code identifying a type of message and assigned by its controlling agency.					
		<u>Code</u>	<u>Name</u>				
		APERAK	Application error and acknowledgement message				
	0052	Message type version number	M	an	1/3	Must use	
		Description: Version number of a message type.					
		<u>Code</u>	<u>Name</u>				
		D	Draft version				
	0054	Message type release number	M	an	1/3	Must use	
		Description: Release number within the current message type version number (0052).					
		<u>Code</u>	<u>Name</u>				
		96B	Release 1996 - B				
	0051	Controlling agency	M	an	1/2	Must use	
		Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.					
		<u>Code</u>	<u>Name</u>				
		UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)				
*	0057	Association assigned code	C	an	1/6	Not used	
		Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.					
*	UNH030	0068	Common access reference	C	an	1/35	Not used
		Description: Reference serving as a key to relate all subsequent transfers of data to the same business case or file.					
*	UNH040	S010	STATUS OF THE TRANSFER	C	Comp	Not used	
		Description: Statement that the message is one in a sequence of transfers relating to the same topic.					
*		0070	Sequence message transfer number	M	n	1/2	Not used
		Description: Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.					

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	0073	First/last sequence message transfer indication	C	a	1/1	Not used

Description: Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group:	Elements: 4
N/A	

User Option (Usage): Must use

Purpose: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		Used
		Description: Identification of a type of document/message by code or name. Code preferred.				
	1001	Document/message name, coded	C	an	1/3	Used
		Description: Document/message identifier expressed in code.				
		<u>Code</u> <u>Name</u>				
		23 Status information				
		335 Booking request				
		340 Shipping instructions				
		351 Despatch advice				
		705 Bill of lading				
		770 Booking confirmation				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
	1000	Document/message name	C	an	1/35	Used
		Description: Plain language identifier specifying the function of a document/message.				
		<u>Code</u> <u>Name</u>				
		DESADV Despatch Advice				
		CS Note:				
		<i>if BGM101=351</i>				
		IFTMBC Booking Confirmation				
		CS Note:				
		<i>if BGM101=770</i>				
		IFTMBF Booking Request				
		CS Note:				
		<i>if BGM101=335</i>				
		IFTMCS BL Details				
		CS Note:				
		<i>if BGM101=705</i>				
		IFTMIN Shipping Instruction				
		CS Note:				
		<i>if BGM101=340</i>				
		IFTSTA Cargo Tracking				
		CS Note:				
		<i>if BGM101=23</i>				

* BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Not used
		Description: Identification of a document/message by its number and eventually its version or revision.				
*	1004	Document/message number	C	an	1/35	Not used
		Description: Reference number assigned to the document/message by the issuer.				
*	1056	Version	C	an	1/9	Not used
		Description: To specify the version number or name of an object.				
*	1060	Revision number	C	an	1/6	Not used
		Description: To specify a revision number.				
* BGM030	1225	Message function, coded	C	an	1/3	Not used
		Description: Code indicating the function of the message.				
* BGM040	4343	Response type, coded	C	an	1/3	Not used
		Description: Code specifying the type of acknowledgment required or transmitted.				

DTM DATE/TIME/PERIOD

Pos: 0030	Max: 9
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Used

Purpose: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

Description: Date and/or time, or period relevant to the specified date/time/period type.

2005	Date/time/period qualifier	M	an	1/3	Must use
------	-----------------------------------	---	----	-----	----------

Description: Code giving specific meaning to a date, time or period.

Code Name

182 Issue date

2380	Date/time/period	C	an	1/35	Used
------	-------------------------	---	----	------	------

Description: The value of a date, a date and time, a time or of a period in a specified representation.

2379	Date/time/period format qualifier	C	an	1/3	Used
------	--	---	----	-----	------

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

Code Name

102 CCYYMMDD

FTX FREE TEXT

Pos: 0040	Max: 9
Conditional	
Group: N/A	Elements: 5

User Option (Usage): Used

Purpose: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject qualifier	M	an	1/3	Must use
Description: Code specifying subject of a free text.						
Code Name						
ZZZ Mutually defined						
CS Note:						
<i>Transaction set acknowledgement note</i>						
* FTX020	4453	Text function, coded	C	an	1/3	Not used
Description: Code specifying how to handle the text.						
* FTX030	C107	TEXT REFERENCE	C	Comp		Not used
Description: Coded reference to a standard text and its source.						
*	4441	Free text identification	M	an	1/17	Not used
Description: Free text in coded form.						
*	1131	Code list qualifier	C	an	1/3	Not used
Description: Identification of a code list.						
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
Description: Code identifying the agency responsible for a code list.						
FTX040	C108	TEXT LITERAL	C	Comp		Used
Description: Free text; one to five lines.						
	4440	Free text	M	an	1/70	Must use
Description: Free text field available to the message sender for information.						
CS Note:						
<i>Transaction Set Acknowledgement Code</i>						
Code Name						
A Accepted						
E Accepted with errors/warning noted						
R Rejected. Failed conversion process						
W Rejected. Failed validation process						
X Rejected. Content after decryption could not be analyzed.						
	4440	Free text	C	an	1/70	Used
Description: Free text field available to the message sender for information.						
CS Note:						
<i>Transaction Set Acknowledgement Description</i>						
*	4440	Free text	C	an	1/70	Not used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Free text field available to the message sender for information.				
*	4440	Free text	C	an	1/70	Not used
		Description: Free text field available to the message sender for information.				
*	4440	Free text	C	an	1/70	Not used
		Description: Free text field available to the message sender for information.				
* FTX050	3453	Language, coded	C	an	1/3	Not used
		Description: Code of language (ISO 639-1988).				

Segment Group 1

Pos: 0060	Repeat: 9
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0070	RFF	REFERENCE	M	1	Must use

RFF REFERENCE

Pos: 0070	Max: 1
Mandatory	
Group: 1	Elements: 1

User Option (Usage): Must use

Purpose: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use
		Description: Identification of a reference.				
1153		Reference qualifier	M	an	1/3	Must use
		Description: Code giving specific meaning to a reference segment or a reference number.				
		Code		Name		
		BM		Bill of Lading Number		
		BN		Booking Number		
		CT		Service Contract Number		
		FW		Forwarder's Reference		
		IV		Invoice Number		
		PO		Purchase Order		
		SI		Shipper's Identifying Number For Shipment (SID)		
		SO		Shipping Order Number		
		ZZ		Others		
		ACW		Reference number to previous message		
		CSI		Customer's SI Number		
		FCN		First Carrier B/L Number		
		SRN		Shipper's Reference Number		
1154		Reference number	C	an	1/35	Used
		Description: 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	1/6	Not used
		Description: Number of the line in the document/message referenced in 1154 Reference number.				
*	4000	Reference version number	C	an	1/35	Not used
		Description: To uniquely identify a reference by its revision number.				

Segment Group 2

Pos: 0090	Repeat: 9
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0100	NAD	NAME AND ADDRESS	M	1	Must use

NAD NAME AND ADDRESS

Pos: 0100	Max: 1
Mandatory	
Group: 2	Elements: 9

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party qualifier	M	an	1/3	Must use
		Description: Code giving specific meaning to a party.				
		<u>Code</u>		<u>Name</u>		
		CA		Carrier		
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Used
		Description: Identification of a transaction party by code.				
	3039	Party id. identification	M	an	1/35	Must use
		Description: Code identifying a party involved in a transaction.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* NAD030	C058	NAME AND ADDRESS	C	Comp		Not used
		Description: Unstructured name and address: one to five lines.				
	3124	Name and address line	M	an	1/35	Must use
		Description: Free form name and address description.				
	3124	Name and address line	C	an	1/35	Used
		Description: Free form name and address description.				
	3124	Name and address line	C	an	1/35	Used
		Description: Free form name and address description.				
	3124	Name and address line	C	an	1/35	Used
		Description: Free form name and address description.				
* NAD040	C080	PARTY NAME	C	Comp		Not used
		Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.				
	3036	Party name	M	an	1/35	Must use
		Description: Name of a party involved in a transaction.				
	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
	3045	Party name format, coded	C	an	1/3	Used
		Description: Specification of the representation of a party name.				
		Code Name				
		1 Name components in sequence as defined in description below				
* NAD050	C059	STREET	C	Comp		Not used
		Description: Street address and/or PO Box number in a structured address: one to three lines.				
	3042	Street and number/p.o. box	M	an	1/35	Must use
		Description: Street and number in plain language, or Post Office Box No.				
	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
* NAD060	3164	City name	C	an	1/35	Not used
		Description: Name of a city (a town, a village) for addressing purposes.				
* NAD070	3229	Country sub-entity identification	C	an	1/9	Not used
		Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
* NAD080	3251	Postcode identification	C	an	1/9	Not used
		Description: Code defining postal zones or addresses.				
* NAD090	3207	Country, coded	C	an	1/3	Not used
		Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.				

Segment Group 3

Pos: 0130	Repeat: 99999
Conditional	
Group: 3	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0140	ERC	APPLICATION ERROR INFORMATION	M	1	Must use

ERC APPLICATION ERROR INFORMATION

Pos: 0140	Max: 1
Mandatory	
Group: 3	Elements: 1

User Option (Usage): Must use

Purpose: To identify the type of application error within a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ERC010	C901	APPLICATION ERROR DETAIL	M	Comp		Must use
		Description: Code assigned by the recipient of a message to indicate a data validation error condition.				
	9321	Application error identification	M	an	1/8	Must use
		Description: The code assigned by the receiver of a message to the identification of a data validation error condition.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				

UNT MESSAGE TRAILER

Pos: 0190	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/6	Must use
		Description: Control count of number of segments in a message.				
UNT020	0062	Message reference number	M	an	1/14	Must use
		Description: Unique message reference assigned by the sender.				

UNE FUNCTIONAL GROUP TRAILER

Pos:	Max: 1
	Conditional
Group:	Elements: 2
N/A	

User Option (Usage): Used

Purpose: To end and check the completeness of a functional group.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNE010	0060	Number of messages	M	n	1/6	Must use
		Description: A count of the number of messages in a functional group.				
UNE020	0048	Functional group reference number	M	an	1/14	Must use
		Description: Reference number for the functional group assigned by and unique within the sender's division, department etc.				

UNZ INTERCHANGE TRAILER

Pos:	Max: 1
Mandatory	
Group:	Elements: 2
N/A	

User Option (Usage): Must use

Purpose: To end and check the completeness of an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	Interchange control count	M	n	1/6	Must use
Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.						
UNZ020	0020	Interchange control reference	M	an	1/14	Must use
Description: Unique reference assigned by the sender to an interchange.						