



**APERAK Application Error and Acknowledgement  
Message  
From INTTRA  
To Customer  
EDIFACT Version D Release 99B**

**User Guide  
Version 1.0**

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## **I. Audience**

This document is intended for business, technical and EDI personnel engaged in electronic connection with INTTRA for the purpose of receiving an application error and acknowledgment EDI APERAK in response to a submitted EDI transaction.

The following sections provide information regarding General Conventions, Message Flow, and Message Specifications. Additional reference guides for purposes of establishing Internet based file exchange are also identified.

## **II. Business Process Rules**

Message is used to support the delivery to Customers the APERAK as an application error and acknowledgment transaction via INTTRA-Link.

1. INTTRA receives EDI transactions, performs business logic and syntax validation.
2. INTTRA sends the APERAK message to designated subscribed parties.

## **III. General Conventions**

### **A. Implementation**

Version 1.0 of the INTTRA APERAK Message represents the EDI transaction format by which INTTRA reports errors and acknowledgments whether or not the submitted transaction was successfully processed by INTTRA's system.

All examples of Segment data are provided as guides only and not to be taken literally. Changes to Code values, Data elements or Segments must be discussed and approved by the Customer and INTTRA.

The Segment/Element Attributes in this document are defined as:

M= Mandatory

C= Optional

### **B. Identification of Parties Receiving the APERAK**

INTTRA will return the APERAK based on the party identified as the Booking Party (if configured to receive the APERAK transaction) on Booking Request Transactions (IFTMBF).

## **IV. References**

### **A. References Returned in a status of “ACCEPTED”.**

INTTRA will return any reference listed in the 0100 RFF segment when present in the transaction.

### **B. References Returned in a status of “REJECTED”.**

Depending on the type of error INTTRA may return no references or the following references when present in the transaction.

BN Booking reference number

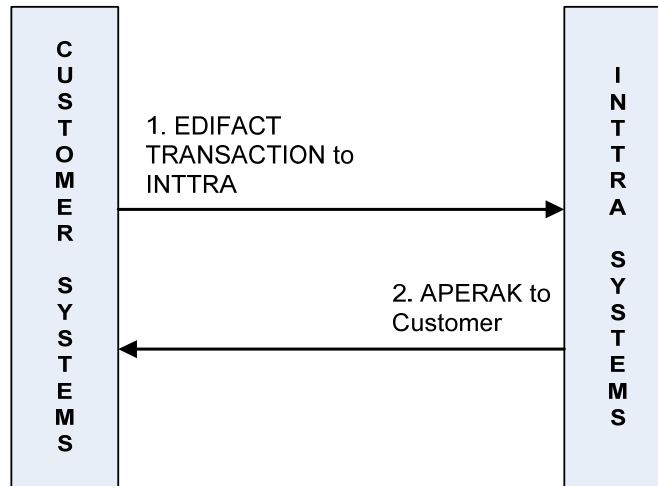
FF Freight forwarder's reference number

SI SID (Shipper's identifying number for shipment)

BM Bill of lading number

ZZZ INTTRA reference number

## V. Message Flow



1. INTTRA receives an Edifact Transaction from a customer.
2. INTTRA sends an APERAK to the customer in response to the transaction.

## VI. APERAK Message Specification

### A. Message Hierarchy

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
7	0005	UNB	Interchange Header	M	1		
9	0010	UNH	Message Header	M	1		
11	0020	BGM	Beginning of Message	M	1		
12	0030	DTM	Date/Time/Period	M	1		
13	0040	FTX	Free Text	M	1		
Not Used	0050	CNT	Control Total	C	9		
	0060		Segment Group 1: DOC-DTM	M		1	
16	0070	DOC	Document/Message Details	M	1		
18	0080	DTM	Date/Time/Period	M	1		
	0090		Segment Group 2: RFF-DTM	O		99	
20	0100	RFF	Reference	M	1		
21	0110	DTM	Date/Time/Period	C	2		
	0120		Segment Group 3: NAD-CTA-COM	O		2	
23	0130	NAD	Name and Address	M	1		
Not Used	0140	CTA	Contact Information	C	9		
Not Used	0150	COM	Communication Contact	C	9		
	0160		Segment Group 4: ERC-FTX-SG5	O		99999	
26	0170	ERC	Application Error Information	M	1		
27	0180	FTX	Free Text	M	1		
Not Used	0190		Segment Group 5: RFF-FTX	C		9	
Not Used	0200	RFF	Reference	M	1		
Not Used	0210	FTX	Free Text	C	9		
29	0220	UNT	Message Trailer	M	1		
30	0230	UNZ	Interchange Trailer	M	1		

**Segment:** UNB Interchange Header  
**Position:** 0005  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start, identify and specify an interchange  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** UNB+UNOC:3+INTTRA:ZZZ+RECIPIENT\_ID:ZZZ+150517:1302+7394756

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
S001		<b>SYNTAX IDENTIFIER</b>	<b>M 1</b>
		Identification of the agency controlling the syntax and indication of syntax level.	
	0001	<b>Syntax identifier</b>	<b>M a4</b>
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.	
		Supplied Value:	
		UNOC UN/ECE level C	
	0002	<b>Syntax version number</b>	<b>M n1</b>
	Version number of the syntax identified in the syntax identifier (0001).		
	Supplied Value:		
	3 Version 3		
S002		<b>INTERCHANGE SENDER</b>	<b>M 1</b>
		Identification of the sender of the interchange.	
	0004	<b>Sender identification</b>	<b>M an..35</b>
		Name or coded representation of the sender of a data interchange.	
	Supplied Value:		
	'INTTRA'		
S007		<b>Partner identification code qualifier</b>	<b>M an..4</b>
		Qualifier referring to the source of codes for the identifiers of interchanging partners.	
		Supplied Value:	
	ZZZ Mutually defined		
Not Used	0008	<b>Address for reverse routing</b>	<b>C an..14</b>
	Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.		
S003		<b>INTERCHANGE RECIPIENT</b>	<b>M 1</b>
		Identification of the recipient of the interchange.	
	0010	<b>Recipient identification</b>	<b>M an..35</b>
		Name or coded representation of the recipient of a data interchange.	
		Customer's Trading Partner ID.	
	Supplied Value:		
	ZZZ Mutually defined		
Not Used	0007	<b>Partner identification code qualifier</b>	<b>C an..4</b>
	Qualifier referring to the source of codes for the identifiers of interchanging partners.		
	Supplied Value:		
	ZZZ Mutually defined		
Not Used	0014	<b>Routing address</b>	<b>C an..14</b>
	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.			
	<b>S004</b>	<b>DATE AND TIME OF PREPARATION</b>	<b>M</b>	<b>1</b>	
		Date and time of preparation of the interchange.			
	<b>0017</b>	<b>Date of preparation</b>	<b>M</b>	<b>n6</b>	
		Local date when an interchange or a functional group was prepared.			
		Formatted as 'YYMMDD'.			
	<b>0019</b>	<b>Time of preparation</b>	<b>M</b>	<b>n4</b>	
		Local time of day when an interchange or a functional group was prepared.			
		Formatted as 'HHMM'.			
		Time will be set according UTC/GMT standards			
		INTRA assumes that twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two denoting the minutes past the hour.			
		Examples :			
		12:45 a.m. is expressed as 0045			
		12:00 noon is expressed as 1200			
		11:45 p.m. is expressed as 2345			
		12:00 midnight is expressed as 0000			
		1:30 a.m. is expressed as 0130			
		1:45 p.m. is expressed as 1345			
		4:30 p.m. is expressed as 1630			
	<b>0020</b>	<b>INTERCHANGE CONTROL REFERENCE</b>	<b>M</b>	<b>1 an..14</b>	
		Unique reference assigned by the sender to an interchange.			
<b>Not Used</b>	<b>S005</b>	<b>RECIPIENTS REFERENCE PASSWORD</b>	<b>C</b>	<b>1</b>	
		Reference or password as agreed between the communicating partners.			
<b>Not Used</b>	<b>0022</b>	<b>Recipient reference/password</b>	<b>M</b>	<b>an..14</b>	
		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.			
<b>Not Used</b>	<b>0025</b>	<b>Recipient reference/password qualifier</b>	<b>C</b>	<b>an2</b>	
		Qualifier for the recipient's reference or password.			
<b>Not Used</b>	<b>0026</b>	<b>APPLICATION REFERENCE</b>	<b>C</b>	<b>1 an..14</b>	
		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.			
<b>Not Used</b>	<b>0029</b>	<b>PROCESSING PRIORITY CODE</b>	<b>C</b>	<b>1 a1</b>	
		Code determined by the sender requesting processing priority for the interchange.			
<b>Not Used</b>	<b>0031</b>	<b>ACKNOWLEDGEMENT REQUEST</b>	<b>C</b>	<b>1 n1</b>	
		Code determined by the sender for acknowledgement of the interchange.			
<b>Not Used</b>	<b>0032</b>	<b>COMMUNICATIONS AGREEMENT ID</b>	<b>C</b>	<b>1 an..35</b>	
		Identification by name or code of the type of agreement under which the interchange takes place.			
<b>Not Used</b>	<b>0035</b>	<b>TEST INDICATOR</b>	<b>C</b>	<b>1 n1</b>	
		Indication that the interchange is a test.			



**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 Application error and acknowledgement message is APERAK.  
 Note: Application error and acknowledgement messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 APERAK 0052 D 0054 99B 0051 UN

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

UNH+1+APERAK:D:99B:UN:1.0

### Data Element Summary

Data Element	Component Element	Name	Attributes
	0062	MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M 1 an..14
	S009	MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M 1
	0065	Message type identifier Code identifying a type of message and assigned by its controlling agency.	M an..6
		Supplied Value: APERAK Application error and acknowledgement message	
	0052	Message type version number Version number of a message type.	M an..3
		Supplied Value: D Draft version/UN/EDIFACT Directory	
	0054	Message type release number Release number within the current message type version number (0052).	M an..3
		Supplied Value: 99B Release 1999 - B	
	0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type.	M an..2
		Supplied Value: UN UN/CEFACT	
	0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. Used to indicate the INTTRA IG version	C an..6
		Supplied Value: 1.0 Version 1.0	
Not Used	0068	COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C 1 an..35
Not Used	S010	STATUS OF THE TRANSFER Statement that the message is one in a sequence of transfers relating to the same topic.	C 1

<b>Not Used</b>	<b>0070</b>	<b>Sequence message transfer number</b>	<b>M</b>	<b>n..2</b>
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
<b>Not Used</b>	<b>0073</b>	<b>First/last sequence message transfer indication</b>	<b>C</b>	<b>a1</b>
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.		

**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the type and function of the message and to transmit the identifying number.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

BGM+312+8099220+9

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C002		<b>DOCUMENT/MESSAGE NAME</b>	M 1
		Identification of a type of document/message by code or name. Code preferred.	
	1001	<b>Document name code</b>	M an..3
		Code specifying the document name.	
		Supplied Value:	
		312 Acknowledgement message	
Not Used	1131	<b>Code list identification code</b>	C an..3
		Identification of a code list.	
Not Used	3055	<b>Code list responsible agency code</b>	C an..3
		Code specifying the agency responsible for a code list.	
Not Used	1000	<b>Document name</b>	O an..35
		Free form description of the document.	
	C106	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	M 1
		Identification of a document/message by its number and eventually its version or revision.	
	1004	<b>Document/message number</b>	C an..35
		Reference number assigned to the document/message by the issuer.	
		INTRA Transaction Identifier	
Not Used	1056	<b>Version</b>	C an..9
		To specify the version number or name of an object.	
Not Used	1060	<b>Revision number</b>	C an..6
		To specify a revision number.	
	1225	<b>MESSAGE FUNCTION CODE</b>	M 1 an..3
		Code indicating the function of the message.	
		Supplied Value:	
		9 Original	
Not Used	4343	<b>RESPONSE TYPE CODE</b>	O 1 an..3
		Code specifying the type of acknowledgment required or transmitted.	

**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify related date/time.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

DTM+137:201505110010:203

APERAK Creation Date in INTTRA's Database

Time will be UTC/GMT

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M 1</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		Supplied Value:	
		137 Document/message date/time	
		APERAK Creation Date	
	<b>2380</b>	<b>Date/time/period value</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format code</b>	<b>M an..3</b>
		Code specifying the representation of a date, time or period.	
		Supplied Values:	
		203 CCYYMMDDHHMM	
		INTTRA assumes the twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.	
		Examples :	
		12:45 a.m. is expressed as 0045	
		12:00 noon is expressed as 1200	
		11:45 p.m. is expressed as 2345	
		12:00 midnight is expressed as 0000	
		1:30 a.m. is expressed as 0130	
		1:45 p.m. is expressed as 1345	
		4:30 p.m. is expressed as 1630	

**Segment:** **FTX** Free Text  
**Position:** 0040  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify free form or processable supplementary information related to the whole message. In computer-to- computer exchanges free form text will normally require the receiver to process this segment manually.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AHN+++REJECTED  
 or  
 FTX+AHN+++ACCEPTED

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	4451		<b>TEXT SUBJECT CODE QUALIFIER</b> Code specifying the subject of the text.	M 1 an..3
			Supplied Value:	
			AHN Status details	
Not Used	4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C 1 an..3
Not Used	C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C 1
Not Used		4441	<b>Free text value code</b> Code specifying free form text.	M an..17
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3
	C108		<b>TEXT LITERAL</b> Free text; one to five lines.	M 1
		4440	<b>Free text value</b> Free form text.	M an..512
			Supplied values:	
			ACCEPTED	
			REJECTED	
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used	3453		<b>LANGUAGE NAME CODE</b> Code specifying the language name.	C 1 an..3
Not Used	4447		<b>TEXT FORMATTING, CODED</b>	C 1 an..3

Code specifying the formatting parameters for the text.

**Group:** **DOC** Segment Group 1: Document/Message Details  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment group to provide information on the document being acknowledged.

**Segment Summary**

<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
0070	DOC	Document/Message Details	M	1	
0080	DTM	Date/Time/Period	M	1	

**Segment:** **DOC** Document/Message Details  
**Position:** 0070 (Trigger Segment)  
**Group:** Segment Group 1 (Document/Message Details) Mandatory  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to provide the necessary identification information about the document being acknowledged.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

DOC+335:::IFTMBF+394S4099

### Data Element Summary

Data Element	Component Element	Name	Attributes	
C002		<b>DOCUMENT/MESSAGE NAME</b>	M	1
		Identification of a type of document/message by code or name. Code preferred.		
	1001	<b>Document name code</b>	M	an..3
		Code specifying the document name.		
		Supplied Values:		
		335 Booking request		
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
Not Used	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
	1000	<b>Document name</b>	C	an..35
		Free form description of the document.		
		Supplied Values:		
		IFTMBF Booking Request		
	C503	<b>DOCUMENT/MESSAGE DETAILS</b>	M	1
		Identification of document/message by number, status, source and/or language.		
	1004	<b>Document/message number</b>	M	an..35
		Reference number assigned to the document/message by the issuer.		
		Unique transaction identifier provided by the Submitter		
Not Used	1373	<b>Document status code</b>	C	an..3
		Code specifying the status of a document.		
Not Used	1366	<b>Document/message source</b>	C	an..70
		Indication of the source from which the printed information is to be or has been obtained.		
Not Used	3453	<b>Language name code</b>	C	an..3
		Code specifying the language name.		
Not Used	1056	<b>Version</b>	C	an..9
		To specify the version number or name of an object.		
Not Used	1060	<b>Revision number</b>	C	an..6
		To specify a revision number.		
Not Used	3153	<b>COMMUNICATION MEDIUM TYPE CODE</b>	C	1 an..3
		Code specifying the type of communication medium.		
Not Used	1220	<b>NUMBER OF COPIES OF DOCUMENT REQUIRED</b>	C	1 n..2
		Number of originals or copies of a document stipulated or referred to as being required.		
Not Used	1218	<b>NUMBER OF ORIGINALS OF DOCUMENT</b>	C	1 n..2



**REQUIRED**

Specification of the number of originals of a stipulated document that are required.

**Segment:** **DTM** Date/Time/Period  
**Position:** 0080  
**Group:** Segment Group 1 (Document/Message Details) Mandatory  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to provide the relevant dates concerning the document being acknowledged.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

DTM+137:201505110010:203

Transaction Assembled Date

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M 1</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		Supplied Values:	
		137 Document/message date/time	
	<b>2380</b>	<b>Date/time/period value</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format code</b>	<b>M an..3</b>
		Code specifying the representation of a date, time or period.	
		Supplied Values:	
		102 CCYMMDD	
		203 CCYMMDDHHMM	
		INTTRA assumes the twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.	
		Examples :	
		12:45 a.m. is expressed as 0045	
		12:00 noon is expressed as 1200	
		11:45 p.m. is expressed as 2345	
		12:00 midnight is expressed as 0000	
		1:30 a.m. is expressed as 0130	
		1:45 p.m. is expressed as 1345	
		4:30 p.m. is expressed as 1630	

**Group:** **RFF** Segment Group 2: Reference  
**Position:** 0090  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify the document/message to which the current message relates, and related date and time.

**Segment Summary**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
0100	RFF	Reference	M	1	
0110	DTM	Date/Time/Period	C	2	

**Segment:** **RFF** Reference  
**Position:** 0100 (Trigger Segment)  
**Group:** Segment Group 2 (Reference) Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the reference number of the document/message.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

RFF+BN:02-51090

See section IV References for clarification.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C506		<b>REFERENCE</b>	<b>M</b>	<b>1</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference function code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a reference segment or a reference number.		
		Supplied Values:		
		AFG		Tariff number
		AGB		Contract party reference number
		AGE		Agent's reference
		AKG		Vehicle Identification Number (VIN)
		ANT		Consignee's reference
		BM		Bill of lading number
		BN		Booking reference number
		CT		Contract number
		EX		Export license number
		FF		Freight forwarder's reference number
		LI		Line item reference number
		ON		Order number (purchase)
		SI		SID (Shipper's identifying number for shipment)
		ZZZ		Mutually defined reference number
		INTTRA reference number		
	<b>1154</b>	<b>Reference identifier</b>	<b>C</b>	<b>an..35</b>
		Identifies a reference.		
<b>Not Used</b>	<b>1156</b>	<b>Line number</b>	<b>C</b>	<b>an..6</b>
		Number of the line in the document/message referenced in 1154 Reference identifier.		
<b>Not Used</b>	<b>4000</b>	<b>Reference version identifier</b>	<b>C</b>	<b>an..35</b>
		To identify the version of a reference.		
<b>Not Used</b>	<b>1060</b>	<b>Revision number</b>	<b>C</b>	<b>an..6</b>
		To specify a revision number.		

**Segment:** **DTM** Date/Time/Period  
**Position:** 0110  
**Group:** Segment Group 2 (Reference) Optional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to specify the date and time of the referenced document/message.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+182:20150601:102

DTM+36:20150705:102

**Notes:**

- This DTM is used only with Export License and will immediately follow Export License number (RFF, C506, 1153 = EX).

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M 1</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		Supplied Values:	
		36 Expiry date	
		182 Issue date	
	<b>2380</b>	<b>Date/time/period value</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format code</b>	<b>M an..3</b>
		Code specifying the representation of a date, time or period.	
		Supplied Value:	
		102 CCYYMMDD	

**Group:** **NAD** Segment Group 3: Name and Address  
**Position:** 0120  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to specify the identifications of message sender and message receiver with their contacts and communication channels.

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
0130	NAD	Name and Address	M	1	

**Segment:** **NAD** Name and Address  
**Position:** 0130 (Trigger Segment)  
**Group:** Segment Group 3 (Name and Address) Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify the identification of the message issuer and message receiver.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** NAD+ZZZ+802819:160:192+BOOKING PARTY NAME:BOOKING PARTY NAME2  
 NAD+CA+SCAC:160:86+CARRIER NAME

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
3035		<b>PARTY FUNCTION CODE QUALIFIER</b>	M	1 an..3
		Code giving specific meaning to a party.		
		Supplied Values:		
		CA Carrier		
		ZZZ Mutually defined Booking Party		
C082		<b>PARTY IDENTIFICATION DETAILS</b>	M	1
		Identification of a transaction party by code.		
	3039	<b>Party identifier</b>	M	an..35
		Code specifying the identity of a party.		
	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
		Supplied Value:		
		160 Party identification		
	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
		Supplied Values:		
		86 Assigned by party originating the message Customer Assigned Code		
		192 Shipper's association INTTRA Assigned Code		
C058		<b>NAME AND ADDRESS</b>	C	1
		Unstructured name and address: one to five lines.		
	3124	<b>Name and address line</b>	M	an..35
		Free form name and address description.		
	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	C080	<b>PARTY NAME</b>	C	1
		Identification of a transaction party by name, one to five lines. Party name may		

			be formatted.		
Not Used		3036	<b>Party name</b> Name of a party involved in a transaction.	M	an..35
Not Used		3036	<b>Party name</b> Name of a party involved in a transaction.	C	an..35
Not Used		3036	<b>Party name</b> Name of a party involved in a transaction.	C	an..35
Not Used		3036	<b>Party name</b> Name of a party involved in a transaction.	C	an..35
Not Used		3036	<b>Party name</b> Name of a party involved in a transaction.	C	an..35
Not Used		3045	<b>Party name format code</b> Code specifying the representation of a party name.	C	an..3
Not Used	C059		<b>STREET</b> Street address and/or PO Box number in a structured address: one to four lines.	C	1
Not Used		3042	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	M	an..35
Not Used		3042	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	C	an..35
Not Used		3042	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	C	an..35
Not Used		3042	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	C	an..35
Not Used	3164		<b>CITY NAME</b> Name of a city (a town, a village) for addressing purposes.	C	1 an..35
Not Used	C819		<b>COUNTRY SUB-ENTITY DETAILS</b> To specify a part of a country (e.g. county or part of a city).	C	1
Not Used		3229	<b>Country sub-entity name code</b> Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	C	an..9
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used		3228	<b>Country sub-entity name</b> Name of sub-entities (state, province) defined by appropriate governmental agencies.	C	an..35
Not Used	3251		<b>POSTAL IDENTIFICATION CODE</b> Code specifying the postal zone or address.	C	1 an..17
Not Used	3207		<b>COUNTRY NAME CODE</b> Identification of the name of the country or other geographical entity as specified in ISO 3166.	C	1 an..3



**Group:** **ERC** Segment Group 4: Application Error Information  
**Position:** 0160  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 99999  
**Purpose:** A group of segments to identify the application error(s) within a specified received message and to give specific details related to the error type or to precise the type of acknowledgement.

**Segment Summary**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
0170	ERC	Application Error Information	M	1	
0180	FTX	Free Text	M	1	

**Segment:** **ERC** **Application Error Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** Segment Group 4 (Application Error Information)      Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the type of application error or acknowledgement within the referenced message. In case of an error, the error code may specify the error in detail (e.g. a measurement relating to a piece of equipment is wrong) or as a rough indication (e.g. a measurement is wrong).

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** ERC+221001

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
		<b>APPLICATION ERROR DETAIL</b>	<b>M</b>	<b>1</b>
		Code assigned by the recipient of a message to indicate a data validation error condition.		
	<b>9321</b>	<b>Application error identification</b>	<b>M</b>	<b>an..8</b>
		The code assigned by the receiver of a message to the identification of a data validation error condition.		
		INTRA Error Code		
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		

**Segment:** **FTX** Free Text  
**Position:** 0180  
**Group:** Segment Group 4 (Application Error Information) Optional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to provide explanation and/or supplementary information related to the specified application error or acknowledgement. For example, the explanation may provide exact details relating to a generic error code.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AAO+++The Customer Shipment ID provided is not unique.  
 [Segment 0020 BGM: Shipment ID TEST\_BK\_010 provided for an Original Transaction is invalid. It must be unique among all Active and Replaced bookings for the Booking Company.]

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	4451		<b>TEXT SUBJECT CODE QUALIFIER</b> Code specifying the subject of the text.	M 1 an..3
			Supplied Value:	
		AAO	Error description (free text)	
Not Used	4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C 1 an..3
Not Used	C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C 1
Not Used		4441	<b>Free text value code</b> Code specifying free form text.	M an..17
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3
	C108		<b>TEXT LITERAL</b> Free text; one to five lines.	M 1
		4440	<b>Free text value</b> Free form text.	M an..512
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used		4440	<b>Free text value</b> Free form text.	C an..512
Not Used	3453		<b>LANGUAGE NAME CODE</b> Code specifying the language name.	C 1 an..3
Not Used	4447		<b>TEXT FORMATTING, CODED</b>	C 1 an..3

Code specifying the formatting parameters for the text.

**Segment:** **UNT** Message Trailer  
**Position:** 0220  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** UNT+12+1

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0074		NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M 1 n..6
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M 1 an..14

**Segment:** UNZ Interchange Trailer  
**Position:** 0230  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** UNZ+1+7394756

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0036		INTERCHANGE CONTROL COUNT	M 1 n..6
		Count either of the number of messages or, if used, of the number of functional groups in an interchange.	
0020		INTERCHANGE CONTROL REFERENCE	M 1 an..14
		Unique reference assigned by the sender to an interchange.	

## VII. APERAK Message Revision History

## VIII. Appendix

### A. Message Samples

#### ACCEPTED Acknowledgement Message

UNB+UNOC:3+INTTRA:ZZZ+EDI\_ID:ZZZ+150430:1545+521840'  
UNH+1+APERAK:D:99B:UN:01'  
BGM+312+8099859+9'  
DTM+137:201505041542:203'  
FTX+AHN+++ACCEPTED'  
DOC+335:::IFTMBF+BHT05011500003'  
DTM+137:201505012135:203'  
RFF+CT:CTO500303'  
RFF+BM:BLNO500303'  
RFF+AGB:AGBContractparty563'  
RFF+ANT:ANTCNO500303'  
RFF+FF:FFNO5181303'  
RFF+ON:PURO5181303'  
RFF+SI:SHIPO5183523'  
NAD+ZZZ+CU21:160:86+CUSTOMER NAME'  
NAD+CA+CA20:160:86+CARRIER NAME'  
UNT+16+1'  
UNZ+1+521840'

#### REJECTED Acknowledgement Message (with error codes and descriptions)

UNB+UNOC:3+INTTRA:ZZZ+EDI\_ID:ZZZ+150430:1545+521240'  
UNH+1+APERAK:D:99B:UN:01'  
BGM+312+8099220+9'  
DTM+137:201505041542:203'  
FTX+AHN+++REJECTED'  
DOC+335:::IFTMBF+BHT05011500001'  
DTM+137:201505012135:203'  
RFF+CT:CTO500301'  
RFF+BM:BLNO500301'  
RFF+FF:FFNO5181301'  
RFF+SI:SHIPO5183521'  
NAD+ZZZ+CU21:160:86+CUSTOMER NAME'  
NAD+CA+CA20:160:86+CARRIER NAME'  
ERC+221025'

FTX+AAO+++Segment 0130 DTM: Provision of Date Type '?196?', Departure Date, with Location Type 7 is invalid. Departure Date may only be provided with Location Type '?88?', Place of Receipt'  
ERC+215077'  
FTX+AAO+++Segment 0710 GID: Package Count 0 provided for Cargo Item Number 1, Package Level Outer Pack is invalid. It must be a whole number greater than zero'  
UNT+17+1'  
UNZ+1+521240'