

MSC Message Implementation Guide

APERAK Application Error and Acknowledgement Message

Introduction:

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.

	<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>
	0005	UNB	Interchange Header	C	1		
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	9		
M	0040	FTX	Free Text	M	9		
Not Used	0050	CNT	Control Total	C	9		
M	0060		Segment Group 1: DOC-DTM	M		99	
M	0070	DOC	Document/Message Details	M	1		
	0080	DTM	Date/Time/Period	C	99		
M	0090		Segment Group 2: RFF-DTM	M		9	
M	0100	RFF	Reference	M	1		
	0110	DTM	Date/Time/Period	C	9		
M	0120		Segment Group 3: NAD-CTA-COM	C		9	
	0130	NAD	Name and Address	M	1		
	0140	CTA	Contact Information	C	9		
	0150	COM	Communication Contact	C	9		
M	0160		Segment Group 4: ERC-FTX-SG5	C		99999	
	0170	ERC	Application Error Information	M	1		
	0180	FTX	Free Text	C	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		
M	0220	UNT	Message Trailer	M	1		
	0230	UNZ	Interchange Trailer	C	1		

Segment: UNB Interchange Header
Position: 0005
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To start, identify and specify an interchange

Dependency Notes:

Semantic Notes:

Comments:

Notes: UNB+UNOC:3+MSCU:ZZZ+RECIPIENT_ID:ZZZ+210517:0327+00000001381643'

Data Element Summary

Attributes		Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	S001		SYNTAX IDENTIFIER	M	1
			Identification of the agency controlling the syntax and indication of syntax level. Supplied Value: UNOC UN/ECE level C		
M		0001	Syntax identifier	M	a4
			Coded identification of the agency controlling a syntax and syntax level used in an interchange. Refer to D.99B Data Element Dictionary for acceptable code values.		
M		0002	Syntax version number	M	n1
			Version number of the syntax identified in the syntax identifier (0001). Supplied Value: 3 Version 3		
M	S002		INTERCHANGE SENDER	M	1
			Refer to D.99B Data Element Dictionary for acceptable code values. Identification of the sender of the interchange.		
M		0004	Sender identification	M	an..35
			Name or coded representation of the sender of a data interchange. MSCU		
		0007	Partner identification code qualifier	C	an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners. ZZZ Mutually defined		
X		0008	Address for reverse routing	C	an..14
			Refer to D.99B Data Element Dictionary for acceptable code values.		
M	S003		INTERCHANGE RECIPIENT	M	1
			Identification of the recipient of the interchange.		
M		0010	Recipient identification	M	an..35
			Name or coded representation of the recipient of a data interchange. Customer Partner ID		
		0007	Partner identification code qualifier	C	an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners. ZZZ Mutually defined		
			Refer to D.99B Data Element Dictionary for acceptable code values.		
X		0014	Routing address	C	an..14
M	S004		DATE AND TIME OF PREPARATION	M	1
			Date and time of preparation of the interchange.		

M	0017	Date of preparation	M	n6
		Local date when an interchange or a functional group was prepared. Formatted as 'YYMMDD'		
M	0019	Time of preparation	M	n4
		Local time of day when an interchange or a functional group was prepared. Formatted as 'HHMM'		
M	0020	INTERCHANGE CONTROL REFERENCE	M	1 an..14
		Unique reference assigned by the sender to an interchange.		
X	S005	RECIPIENTS REFERENCE PASSWORD	C	1
		Reference or password as agreed between the communicating partners.		
X	0022	Recipient reference/password	M	an..14
		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.		
X	0025	Recipient reference/password qualifier	C	an2
		Qualifier for the recipient's reference or password. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	0026	APPLICATION REFERENCE	C	1 an..14
X	0029	PROCESSING PRIORITY CODE	C	1 a1
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	0031	ACKNOWLEDGEMENT REQUEST	C	1 n1
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	0032	COMMUNICATIONS AGREEMENT ID	C	1 an..35
X	0035	TEST INDICATOR	C	1 n1
		Refer to D.99B Data Element Dictionary for acceptable code values.		

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

Attributes	Data	Component		Req/Repeat/Repr
	Element	Element	Name	
M	0062		MESSAGE REFERENCE NUMBER	M 1 an..14
			Unique message reference assigned by the sender.	
M	S009		MESSAGE IDENTIFIER	M 1
			Identification of the type, version etc. of the message being interchanged.	
M		0065	Message type identifier	M an..6
			Code identifying a type of message and assigned by its controlling agency.	
			Supplied Value: APERAK Application error and acknowledgment message Refer to D.99B Data Element Dictionary for acceptable code values.	
M		0052	Message type version number	M an..3
			Version number of a message type.	
			Supplied Value: D Draft version/UN/EDIFACT Directory Refer to D.99B Data Element Dictionary for acceptable code values.	
M		0054	Message type release number	M an..3
			Release number within the current message type version number (0052).	
			Supplied Value: 99B Release 1999 - B Refer to D.99B Data Element Dictionary for acceptable code values.	
M		0051	Controlling agency	M an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
			Supplied Value: UN UN/CEFACT Refer to D.99B Data Element Dictionary for acceptable code values.	
		0057	Association assigned code	C an..6
			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 MSC version	
			Supplied Value: 1.0 Version 1.0	
X	0068		COMMON ACCESS REFERENCE	C 1 an..35
X	S010		STATUS OF THE TRANSFER	C 1
			Statement that the message is one in a sequence of transfers relating to the same topic.	

X	0070	Sequence message transfer number	M	n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
X	0073	First/last sequence message transfer indication	C	a1
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.99B Data Element Dictionary for acceptable code values.		

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+3527315+9'

Data Element Summary

Attributes		Data	Component			
		<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
		C002		DOCUMENT/MESSAGE NAME	C 1	
				Identification of a type of document/message by code or name. Code preferred.		
			1001	Document name code	C an..3	
				Code specifying the document name.		
				Supplied Value: 312 Acknowledgement message		
				Refer to D.99B Data Element Dictionary for acceptable code values.		
X			1131	Code list identification code	C an..3	
				Refer to D.99B Data Element Dictionary for acceptable code values.		
X			3055	Code list responsible agency code	C an..3	
				Refer to D.99B Data Element Dictionary for acceptable code values.		
X			1000	Document name	O an..35	
M	C106			DOCUMENT/MESSAGE IDENTIFICATION	M 1	
				Identification of a document/message by its number and eventually its version or revision.		
			1004	Document/message number	C an..35	
				Reference number assigned to the document/message by the issuer.		
				MSC Transaction Identifier		
X			1056	Version	C an..9	
X			1060	Revision number	C an..6	
M	1225			MESSAGE FUNCTION CODE	M 1 an..3	
				Code indicating the function of the message.		
				Supplied Value: 9 Original		
				Refer to D.99B Data Element Dictionary for acceptable code values.		
X			4343	RESPONSE TYPE CODE	O 1 an..3	
				Refer to D.99B Data Element Dictionary for acceptable code values.		

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 9
Purpose: A segment to specify related date/time.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

DTM+137:202104290628:203'
 APERAK Creation Date in MSC's Database
 Time will be UTC/GMT

Data Element Summary

Attributes	Data Component		Req/Repeat/Repr	
	<u>Element</u>	<u>Element</u> <u>Name</u>		
M	C507	DATE/TIME/PERIOD	M	1
		Date and/or time, or period relevant to the specified date/time/period type.		
M	2005	Date/time/period function code qualifier	M	an..3
		Code giving specific meaning to a date, time or period.		
		Supplied Value: 137 APERAK Creation Date		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
	2380	Date/time/period value	C	an..35
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date/time/period format code	C	an..3
		Code specifying the representation of a date, time or period.		
		Supplied Value: 203 CCYYMMDDHHMM		
		Refer to D.99B Data Element Dictionary for acceptable code values.		

Segment: **FTX** Free Text
Position: 0040
Group:
Level: 1
Usage: Mandatory
Max Use: 9
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+++ACCEPTED'
 or
 FTX+AHN+++REJECTED'

Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	4451		TEXT SUBJECT CODE QUALIFIER Code specifying the subject of the text. Supplied Value: AHN Status details	M 1 an..3	
X	4453		TEXT FUNCTION, CODED Refer to D.99B Data Element Dictionary for acceptable code values.	C 1 an..3	
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	
X		4441	Free text value code Code specifying free form text.	M an..17	
X		1131	Code list identification code Identification of a code list.	C an..3	
X		3055	Code list responsible agency code Refer to D.99B Data Element Dictionary for acceptable code values. Code specifying the agency responsible for a code list.	C an..3	
M	C108		TEXT LITERAL Free text; one to five lines. Supplied Value: ACCEPTED REJECTED	M 1	
M		4440	Free text value Free form text.	M an..512	
		4440	Free text value Free form text.	C an..512	
		4440	Free text value Free form text.	C an..512	
		4440	Free text value Free form text.	C an..512	
		4440	Free text value Free form text.	C an..512	
X	3453		LANGUAGE NAME CODE	C 1 an..3	

Group: **DOC** Segment Group 1: Document/Message Details
Position: 0060
Group:
Level: 1
Usage: Mandatory
Max Use: 99
Purpose: A segment group to provide information on the document being acknowledged.
Notes: DOC+335:::IFTMBF+03527315'
 DOC+340:::IFTMIN+03527315'
 DOC+749:::VERMAS+03527315'

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0070	DOC	Document/Message Details	M	1	
	0080	DTM	Date/Time/Period	C	99	

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:

Data Element Summary

Attributes		Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	C002		DOCUMENT/MESSAGE NAME	M	1
			Identification of a type of document/message by code or name. Code preferred.		
M		1001	Document name code	M	an..3
			Code specifying the document name.		
			Supplied Values:		
			335 Booking Request		
			340 Shipping Instructions		
			712 Verified Gross Mass		
			Refer to D.99B Data Element Dictionary for acceptable code values.		
		1131	Code list identification code	C	an..3
			Identification of a code list.		
			Refer to D.99B Data Element Dictionary for acceptable code values.		
		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.99B Data Element Dictionary for acceptable code values.		
		1000	Document name	C	an..35
			Free form description of the document.		
			Supplied Values:		
			IFTMBF Booking Request		
			IFTMIN Shipping Instructions		
			VERMAS Verified Gross Mass		
M	C503		DOCUMENT/MESSAGE DETAILS	M	1
			Identification of document/message by number, status, source and/or language.		
		1004	Document/message number	C	an..35
			Reference number assigned to the document/message by the issuer.		
			Unique transaction identifier provided by the Submitter		
		1373	Document status code	C	an..3
			Code specifying the status of a document.		
			Refer to D.99B Data Element Dictionary for acceptable code values.		
		1366	Document/message source	C	an..70
			Indication of the source from which the printed information is to be or has been obtained.		
		3453	Language name code	C	an..3
			Code specifying the language name.		
		1056	Version	C	an..9
			To specify the version number or name of an object.		
		1060	Revision number	C	an..6

To specify a revision number.

X	3153	COMMUNICATION MEDIUM TYPE CODE	C	1	an..3
		Refer to D.99B Data Element Dictionary for acceptable code values.			
X	1220	NUMBER OF COPIES OF DOCUMENT REQUIRED	C	1	n..2
X	1218	NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	C	1	n..2

Segment: **DTM** Date/Time/Period
Position: 0080
Group: Segment Group 1 (Document/Message Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to provide the relevant dates concerning the document being acknowledged.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

DTM+137:202104290628:203'

Transaction Assembled Date

Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	C507		DATE/TIME/PERIOD	M 1
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period function code qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			137 Document/message date/time	
			Refer to D.99B Data Element Dictionary for acceptable code values.	
M		2380	Date/time/period value	M an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
M		2379	Date/time/period format code	M an..3
			Code specifying the representation of a date, time or period.	
			Supplied Value:	
			102 CCYYMMDD	
			203 CCYYMMDDHHMM	
			Refer to D.99B Data Element Dictionary for acceptable code values.	

Group: **RFF** Segment Group 2: Reference
Position: 0090
Group:
Level: 1
Usage: Mandatory
Max Use: 9
Purpose: A group of segments to specify the document/message to which the current message relates, and related date and time.
Notes: Booking reference number:
RFF+BN:459IHA0000001'

MSC reference number:
RFF+ZZZ:00000001381643'

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0100	RFF	Reference	M	1	
	0110	DTM	Date/Time/Period	C	9	

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

Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr	
	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	C506		REFERENCE	M	1
			Identification of a reference.		
M		1153	Reference function code qualifier	M	an..3
			Code giving specific meaning to a reference segment or a reference number. Refer to D.99B Data Element Dictionary for acceptable code values.		
		1154	Reference identifier	C	an..35
			Identifies a reference.		
X		1156	Line number	O	an..6
X		4000	Reference version identifier	O	an..35
X		1060	Revision number	O	an..6

Segment: **DTM** Date/Time/Period
Position: 0110
Group: Segment Group 2 (Reference) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify the date and time of the referenced document/message.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	C507		DATE/TIME/PERIOD	M 1
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period function code qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			Supplied Values:	
			36 Expiry date	
			182 Issue date	
			Refer to D.99B Data Element Dictionary for acceptable code values.	
		2380	Date/time/period value	C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
		2379	Date/time/period format code	C an..3
			Code specifying the representation of a date, time or period.	
			Supplied Value:	
			102 CCYYMMDD	
			Refer to D.99B Data Element Dictionary for acceptable code values.	

Group: **NAD** Segment Group 3: Name and Address
Position: 0120
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to specify the identifications of message sender and message receiver with their contacts and communication channels.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0130	NAD	Name and Address	M	1	
	0140	CTA	Contact Information	C	9	
	0150	COM	Communication Contact	C	9	

Segment: **NAD** Name and Address
Position: 0130 (Trigger Segment)
Group: Segment Group 3 (Name and Address) Conditional (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:

Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	Element	Element	Name	
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. Refer to D.99B Data Element Dictionary for acceptable code values.	M 1 an..3
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code. Example: NAD+AM+999999:160:87+PARTY NAME:PARTY NAME2' NAD+CA+MSCU:160:87'	C 1
M		3039	Party identifier Code specifying the identity of a party.	M an..35
		1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
	C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1
M		3124	Name and address line Free form name and address description.	M an..35
		3124	Name and address line Free form name and address description.	C an..35
		3124	Name and address line Free form name and address description.	C an..35
		3124	Name and address line Free form name and address description.	C an..35
		3124	Name and address line Free form name and address description.	C an..35
	C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1
M		3036	Party name Name of a party involved in a transaction.	M an..35
		3036	Party name Name of a party involved in a transaction.	C an..35
		3036	Party name Name of a party involved in a transaction.	C an..35

	3036	Party name	C	an..35
		Name of a party involved in a transaction.		
	3036	Party name	C	an..35
		Name of a party involved in a transaction.		
	3045	Party name format code	C	an..3
		Code specifying the representation of a party name. Refer to D.99B Data Element Dictionary for acceptable code values.		
C059		STREET	C	1
		Street address and/or PO Box number in a structured address: one to four lines.		
M	3042	Street and number/p.o. box	M	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
3164		CITY NAME	C	1 an..35
		Name of a city (a town, a village) for addressing purposes.		
C819		COUNTRY SUB-ENTITY DETAILS	C	1
		To specify a part of a country (eg county or part of a city).		
	3229	Country sub-entity name code	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
	1131	Code list identification code	C	an..3
		Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
	3228	Country sub-entity name	C	an..35
		Name of sub-entities (state, province) defined by appropriate governmental agencies.		
3251		POSTAL IDENTIFICATION CODE	C	1 an..17
		Code specifying the postal zone or address.		
3207		COUNTRY NAME CODE	C	1 an..3
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		

Segment: **CTA** Contact Information
Position: 0140
Group: Segment Group 3 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a person or department inside the party's organization, to which communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
	3139		CONTACT FUNCTION CODE	C 1 an..3
			Code specifying the function of a contact (e.g. department or person). Refer to D.99B Data Element Dictionary for acceptable code values.	
	C056		DEPARTMENT OR EMPLOYEE DETAILS	C 1
			Code and/or name of a department or employee. Code preferred.	
		3413	Department or employee identification	C an..17
			Internal identification code.	
		3412	Department or employee	C an..35
			The department or person within an organizational entity.	

Segment: **COM** Communication Contact
Position: 0150
Group: Segment Group 3 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate communication channel type and number inside the party's organization, to which communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr	
	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	C076		COMMUNICATION CONTACT	M	3
			Communication number of a department or employee in a specified channel.		
M		3148	Communication number	M	an..512
			The communication number.		
M		3155	Communication number code qualifier	M	an..3
			Code qualifying the communication number.		
			Refer to D.99B Data Element Dictionary for acceptable code values.		

Group: **ERC** Segment Group 4: Application Error Information
Position: 0160
Group:
Level: 1
Usage: Conditional (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

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

Segment: **ERC** Application Error Information
Position: 0170 (Trigger Segment)
Group: Segment Group 4 (Application Error Information) Conditional (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:

Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr	
	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	C901		APPLICATION ERROR DETAIL	M	1
			Code assigned by the recipient of a message to indicate a data validation error condition.		
M		9321	Application error identification	M	an..8
			The code assigned by the receiver of a message to the identification of a data validation error condition.		
X		1131	Code list identification code	C	an..3
			Refer to D.99B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.99B Data Element Dictionary for acceptable code values.		

Segment: **FTX** Free Text
Position: 0180
Group: Segment Group 4 (Application Error Information) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
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+++error description'

Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	<u>Element</u>	<u>Element</u>	<u>Name</u>	
M	4451		TEXT SUBJECT CODE QUALIFIER Code specifying the subject of the text. Supplied Value: AAO Error description (free text) Refer to D.99B Data Element Dictionary for acceptable code values.	M 1 an..3
X	4453		TEXT FUNCTION, CODED Refer to D.99B Data Element Dictionary for acceptable code values.	C 1 an..3
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1
X		4441	Free text value code Code specifying free form text.	M an..17
X		1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
M	C108		TEXT LITERAL Free text; one to five lines.	C 1
		4440	Free text value Free form text.	M an..512
		4440	Free text value Free form text.	C an..512
		4440	Free text value Free form text.	C an..512
		4440	Free text value Free form text.	C an..512
		4440	Free text value Free form text.	C an..512
X	3453		LANGUAGE NAME CODE	C 1 an..3
X	4447		TEXT FORMATTING, CODED Refer to D.99B Data Element Dictionary for acceptable code values.	C 1 an..3

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:

Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	<u>Element</u>	<u>Element</u>	<u>Name</u>	
M	0074		NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M 1 n..6
M	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: Conditional (Optional)
Max Use: 1
Purpose: To end and check the completeness of an interchange
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	<u>Element</u>	<u>Element</u>	<u>Name</u>	
M	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.	
M	0020		INTERCHANGE CONTROL REFERENCE	M 1 an..14
			Unique reference assigned by the sender to an interchange.	