



UN /APERAK /D 03A/COMMON : Application Error and Acknowledgement Message

PROTECT 2.0

UN/APERAK/D 03A: Application Error and Acknowledgement Message

Message Function:

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.

Branching Diagram:

Group	Segment	SegReq	Description
1	UNH	M/1	Message Header
10	BGM	M/1	Beginning of Message
20	DTM	C/9	Date/Time/Period
30	FTX	X	Free Text
40	CNT	X	Control Total
Grp 1	DOC-DTM	M 1/1	
50	DOC	M/1	Document/Message Details
60	DTM	X	Date/Time/Period
Grp 2	RFF-DTM	C 0/1	
70	RFF	M/1	Reference
80	DTM	X	Date/Time/Period
Grp 3	NAD-COM	M 2/2	
90	NAD	M/1	Name and Address
100	CTA	X	Contact Information
110	COM	X	Communication Contact
Grp 4	ERC-FTX	C 0/999	
120	ERC	M/1	Application Error Information
130	FTX	C/1	Free Text
Grp 5	RFF-FTX	C 0/2	
140	RFF	M/1	Reference
150	FTX	X	Free Text
160	UNT	M/1	Message Trailer

UNH: Message Header

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Nesting: UNH (Seq. 1)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group
Purpose:
Remarks:

DataElem	Component	Description	Status	Usage	Format
0062		Message Reference Number	M		an..14
S009		Message Identifier	M		
	0065	Message Type <i>Fixed Value : APERAK</i>	M		an..6
	0052	Message Version Number <i>Fixed Value : D</i>	M		an..3
	0054	Message Release Number <i>Fixed Value : 03A</i>	M		an..3
	0051	Controlling Agency <i>Fixed Value : UN</i>	M		an..2
	0057	Association assigned code <i>Fixed Value : PROT20 PROTECT 2.0</i>	C		an..6
0068		Common Access Reference	C		an..35
S010		Status of the transfer	C		
	0070	Sequence of transfers	M		n..2
	0073	Message Reference Number	C		a1

BGM: Beginning of Message

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Nesting: BGM (Seq. 10)
Status (Min/Max): Mandatory /1
Purpose: Beginning of Message
Remarks:

DataElem	Component	Description	Status	Usage	Format
C002		Document/Message Name <i>Identification of a type of document/message by code or name. Code preferred.</i>	C	R	
	1001	Document name code <i>Code specifying the document name.</i> <i>Valid codes : EL/1001C</i> <i>294 Application acknowledgement and error report</i>	C	R	an..3
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	1000	Document name <i>Name of a document.</i>	C	X	an..35
C106		Document/Message Identification <i>Identification of a document/message by its number and eventually its version or revision.</i>	C	R	
	1004	Document identifier <i>To identify a document.</i> <i>Usage: Unique Message Reference of the APERAK message</i>	C	R	an..35
	1056	Version identifier <i>To identify a version.</i>	C	X	an..9
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6
1225		Message function code <i>Code indicating the function of the message.</i> <i>Fixed Value : 9 Original</i>	C	R	an..3
4343		Response type code <i>Code specifying the type of acknowledgment required or transmitted.</i> <i>Valid codes : DGN/4343P2</i> <i>AP Accepted</i> <i>CA Conditionally accepted</i> <i>RE Rejected</i>	C	R	an..3

Description: Status:

DTM: Date/Time/Period

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Nesting: DTM (Seq. 20)
Status (Min/Max): Conditional /9
Usage: Required 1/1
Purpose: Date/Time/Period
Remarks:

DataElem	Component	Description	Status	Usage	Format
C507		Date/Time/Period <i>Date and/or time, or period relevant to the specified date/time/period type.</i>	M		
	2005	Date or time or period function code qualifier <i>Code qualifying the function of a date, time or period.</i> <i>Fixed Value : 137 Document/message date/time</i>	M		an..3
	2380	Date or time or period text <i>The value of a date, a date and time, a time or of a period in a specified representation.</i> <i>Usage: Message reference answered to processing date/time</i>	C	R	an..35
	2379	Date or time or period format code <i>Code specifying the representation of a date, time or period.</i> <i>Fixed Value : 203 CCYYMMDDHHMM</i>	C	R	an..3

DOC: Document/Message Details

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Nesting: DOC (Seq. 50)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 1
 Group Required 1/1
Purpose: Document/Message Details
Remarks:

DataElem	Component	Description	Status	Usage	Format
C002		Document/Message Name <i>Identification of a type of document/message by code or name. Code preferred.</i>	M	R	
	1001	Document name code <i>Code specifying the document name.</i> <i>Usage: Message reference answered to message type</i> <i>Fixed Value : 298 Dangerous goods list</i> <i>Reference Name : doc1001</i>	C	R	an..3
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	1000	Document name <i>Name of a document.</i>	C	X	an..35
C503		Document/Message Details <i>Identification of document/message by number, status, source and/or language.</i>	C	R	
	1004	Document identifier <i>To identify a document.</i> <i>Usage: Message reference answered to</i>	C	R	an..35
	1373	Document status code <i>Code specifying the status of a document.</i>	C	X	an..3
	1366	Document source description <i>Free form description of the source of a document.</i>	C	X	an..70
	3453	Language name code <i>Code specifying the language name.</i>	C	X	an..3
	1056	Version identifier <i>To identify a version.</i>	C	X	an..9
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6
3153		Communication medium type code	C	X	an..3

	<i>Code specifying the type of communication medium.</i>			
1220	Document copies required quantity <i>Quantity of document copies required.</i>	C	X	n..2
1218	Document originals required quantity <i>Quantity of document originals required.</i>	C	X	n..2

RFF: Reference

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Nesting: RFF (Seq. 70)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 2
 Group Optional 0/1
Purpose: Reference
Remarks:

DataElem	Component	Description	Status	Usage	Format
C506		Reference <i>Identification of a reference.</i>	M		
	1153	Reference code qualifier <i>Code qualifying a reference.</i> <i>Reference Name : rff1153</i> <i>Fixed Value : ALG Dangerous goods security number</i>	M		an..3
	1154	Reference identifier <i>Identifies a reference.</i> <i>Usage: DGN Declaration Number</i>	C	R	an..70
	1156	Document line identifier <i>To identify a line of a document.</i>	C	X	an..6
	4000	Reference version identifier <i>To identify the version of a reference.</i>	C	X	an..35
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6

NAD: Name and Address

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Nesting: NAD (Seq. 90)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 3
 Group Required 2/2
Purpose: Name and Address
Remarks:

DataElem	Component	Description	Status	Usage	Format
3035		Party function code qualifier <i>Code giving specific meaning to a party.</i> <i>Valid codes : EL/3035C</i> <i>MR Message recipient</i> <i>MS Document/message issuer/sender</i> <i>Reference Name : nad3035</i>	M		an..3
C082		Party Identification Details <i>Identification of a transaction party by code.</i>	C	R	
	3039	Party identifier <i>Code specifying the identity of a party.</i> <i>Usage:</i> <i>If 3035 = MS: code 'BEANR' in case of response from Antwerp</i> <i>Port Authorities</i> <i>If 3035 = MR: Message recipient id (APCS code)</i>	M		an..35
	1131	Code list identification code <i>Code identifying a user or association maintained</i> <i>code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
C058		Name and Address <i>Unstructured name and address: one to five lines.</i>	C	X	
	3124	Name and address description <i>Free form description of a name and address line.</i>	M		an..35
	3124	Name and address description <i>Free form description of a name and address line.</i>	C		an..35
	3124	Name and address description <i>Free form description of a name and address line.</i>	C		an..35
	3124	Name and address description <i>Free form description of a name and address line.</i>	C		an..35
	3124	Name and address description <i>Free form description of a name and address line.</i>	C		an..35
C080		Party Name	C	X	

<i>Identification of a transaction party by name, one to five lines. Party name may be formatted.</i>				
3036	Party name	M		an..35
	<i>Name of a party.</i>			
3036	Party name	C		an..35
	<i>Name of a party.</i>			
3036	Party name	C		an..35
	<i>Name of a party.</i>			
3036	Party name	C		an..35
	<i>Name of a party.</i>			
3045	Party name format code	C		an..3
	<i>Code specifying the representation of a party name.</i>			
C059	Street	C	X	
	<i>Street address and/or PO Box number in a structured address: one to four lines.</i>			
3042	Street and number or post office box identifier	M		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3164	City name	C	X	an..35
	<i>Name of a city.</i>			
C819	Country Sub–entity Details	C	X	
	<i>To specify a part of a country (eg county or part of a city).</i>			
3229	Country sub–entity name code	C		an..9
	<i>Code specifying the name of a country sub–entity.</i>			
1131	Code list identification code	C		an..17
	<i>Code identifying a user or association maintained code list.</i>			
3055	Code list responsible agency code	C		an..3
	<i>Code specifying the agency responsible for a code list.</i>			
3228	Country sub–entity name	C		an..70
	<i>Name of a country sub–entity.</i>			
3251	Postal identification code	C	X	an..17
	<i>Code specifying the postal zone or address.</i>			
3207	Country name code	C	X	an..3
	<i>Identification of the name of the country or other geographical entity as defined in ISO 3166–1.</i>			

ERC: Application Error Information

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Nesting: ERC (Seq. 120)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 4
 Group Optional 0/999
Purpose: Application Error Information
Remarks: The ERC group will be used in case data element 4343 Response type code in BGM segment has the value RE or CA, in order to explain the reason of rejection.

DataElem	Component	Description	Status	Usage	Format
C901		Application Error Detail <i>Code assigned by the recipient of a message to indicate a data validation error condition.</i>	M		
	9321	Application error code <i>Code specifying an application error.</i> Usage: <i>Code from Error codelist provided by APCS for Dangerous goods</i>	M		an..8
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3

FTX: Free Text

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Nesting: ERC.FTX (Seq. 130)
Status (Min/Max): Conditional /1
Usage: Optional 0/1
Purpose: Free Text
Remarks:

DataElem	Component	Description	Status	Usage	Format
4451		Text subject code qualifier <i>Code qualifying the subject of the text.</i> <i>Fixed Value : AAO Error description (free text)</i>	M		an..3
4453		Free text function code <i>Code specifying the function of free text.</i>	C	X	an..3
C107		Text Reference <i>Coded reference to a standard text and its source.</i>	C	X	
	4441	Free text description code <i>Code specifying free form text.</i>	M		an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
C108		Text Literal <i>Free text; one to five lines.</i>	C	R	
	4440	Free text <i>Free form text.</i> <i>Usage: APCS Error Description</i>	M		an..512
	4440	Free text <i>Free form text.</i>	C		an..512
	4440	Free text <i>Free form text.</i>	C		an..512
	4440	Free text <i>Free form text.</i>	C		an..512
	4440	Free text <i>Free form text.</i>	C		an..512
3453		Language name code <i>Code specifying the language name.</i>	C	X	an..3
4447		Free text format code <i>Code specifying the format of free text.</i>	C	X	an..3

RFF: Reference

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Nesting: ERC.RFF (Seq. 140)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 5
 Group Optional 0/2
Purpose: Reference
Remarks:

DataElem	Component	Description	Status	Usage	Format
C506		Reference <i>Identification of a reference.</i>	M		
	1153	Reference code qualifier <i>Code qualifying a reference.</i> Valid codes : DGN/1153APE CNI (Identification CNI group) GID (Identification GID group)	M		an..3
	1154	Reference identifier <i>Identifies a reference.</i> Usage: Consignment/Goods ID Serial	C	R	an..70
	1156	Document line identifier <i>To identify a line of a document.</i>	C		an..6
	4000	Reference version identifier <i>To identify the version of a reference.</i>	C		an..35
	1060	Revision identifier <i>To identify a revision.</i>	C		an..6

UNT: Message Trailer

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Nesting: UNT (Seq. 160)

Status (Min/Max): Mandatory /1

Purpose:

Remarks:

DataElem	Component Description	Status	Usage	Format
0074	Number of segments	M		n..6
0062	Message Reference Number	M		an..14