APERAK D96B

EDI User Manual

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Functional Definition

Change History

Date	Version	Change
25.04.2017	1.0	MIG Created
29.08.2018	1.1	Message Guide reviewed

Status Indicators

Status Indicators (M and C) form part of the UN/EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure.

The Status Indicators are:

Indicator	Value	Description
M	Mandatory	This entity must appear in all messages. Shown as usage indicator "M" in Implementation Guidelines.
C	Conditional	This entity is used by agreement between the parties to the transaction.

A 'Conditional' Status Indicator may be represented by a supporting Usage Indicator which is either M, O, D or X.

Usage Indicators

Throughout this document reference is made to indicators (M, D, O and X) which are shown adjacent to data items and which dictate for the particular message or set thereof the agreed usage of the data items or entities.

Set out below are the indicators and their respective uses:

Indicator	Value	Description
M	Mandatory	Indicates that this entity is mandatory and must be sent in this implementation.
O	Optional	Indicates that this entity is at the need or discretion of the sender of the message.
D	Dependent	Indicates that the use of the entity depends upon a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
X	Not Used	Indicates that the entity is not to be used in this message implementation.

Please be aware that each usage indicator describes the usage of an entity within it's parent entity. For example, a segment that is marked to be (M)andatory within an optional segment group must only be sent when the segment group is used.

Message Structure

Tag	Name	Status	Max. Use	Usage
UNA	Service String Advice	M	1	O
UNB	Interchange Header	M	1	M
UNG	Functional Group Header	C	1	X
UNH	Message Header	M	1	M
BGM	Beginning of Message	M	1	M
DTM	Date/Time/Period	C	9	M
FTX	Free Text	C	9	X
CNT	Control Total	C	9	X
Group1		**C**	**9**	**O**
RFF	Reference	M	1	M
DTM	Date/Time/Period	C	9	O
Group2		**C**	**9**	**X**
NAD	Name and Address	M	1	X
CTA	Contact Information	C	9	X
COM	Communication Contact	C	9	X
Group3		**C**	**99999**	**X**
ERC	Application Error Information	M	1	X
FTX	Free Text	C	1	X
Group4		**C**	**1**	**X**
RFF	Reference	M	1	X
FTX	Free Text	C	9	X
UNT	Message Trailer	M	1	M
UNE	Functional Group Trailer	C	1	X
UNZ	Interchange Trailer	M	1	M

Description of used Message Segments

UNA Service String Advice

Status: M Usage: O Min/Max: 1/1
Group: N/A

up

Example:

```
UNA:+.? '
```

Tag	Element Name	Status	Type	Usage
U001	COMPONENT DATA ELEMENT SEPARATOR	M	a1	X
U002	DATA ELEMENT SEPARATOR	M	a1	X
U003	DELEMITTER NOTATION	M	an1	X
U004	RELEASE INDICATOR	M	an1	X
U005	RESERVED FOR FUTURE USE	M	an1	X
U006	SEGMENT TERMINATOR	M	an1	X

UNB Interchange Header

Status: M Usage: M Min/Max: 1/1
Group: N/A

up

Description:

To identify an interchange.

Example:

```
UNB+UNOB:1+HAPAGLLOYDID+PARTNERID+091013:1209+46++++++1'
```

Tag	Element Name	Status	Type	Usage
S001	**SYNTAX IDENTIFIER**	**M**		**M**
	Description: Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.			
0001	Syntax identifier	M	a4	M
	Description: Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.			
0002	Syntax version number	M	n1	M
	Description: Version number of the syntax.			
S002	**INTERCHANGE SENDER**	**M**		**M**
	Description: Identification of the sender of the interchange.			
0004	Sender identification	M	an..35	M
	Description: Name or coded identification of the sender of the interchange.			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
0008	Address for reverse routing	C	an..14	O
	Description: Identification (for example, a division, branch or computer system/process) specified by the sender of interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.			
S003	**INTERCHANGE RECIPIENT**	**M**		**M**
	Description: Identification of the recipient of the interchange.			
0010	Recipient identification	M	an..35	M
	Description: Name or coded identification of the recipient of the interchange.			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
0014	Routing address	C	an..14	O
	Description: Identification (for example, a division, branch or computer system/process) specified by the recipient of interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing.			

S004	**DATE AND TIME OF PREPARATION**	**M**		**M**
	Description: Date and time of preparation of the interchange.			
0017	Date of preparation	M	n6	M
	Description: Local date when an interchange or a group was prepared.			
0019	Time of preparation	M	n4	M
	Description: Local time of day when an interchange or a group was prepared.			

0020	INTERCHANGE CONTROL REFERENCE	M	an..14	M
	Description: Unique reference assigned by the sender to an interchange.			

S005	**RECIPIENTS REFERENCE PASSWORD**	**C**		**O**
	Description: Reference or password as agreed between the communicating partners.			
0022	Recipient reference/password	M	an..14	M
	Description: Reference or password to the recipient's system or to a third party network as specified in the partners' interchange agreement.			
0025	Recipient reference/password qualifier	C	an2	O
	Description: Qualifier for the recipient's reference or password.			

0026	APPLICATION REFERENCE	C	an..14	O
	Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message type, if all the messages in the interchange are of the same type.			
0029	PROCESSING PRIORITY CODE	C	a1	O
	Description: Code determined by the sender requesting processing priority for the interchange.			
0031	ACKNOWLEDGEMENT REQUEST	C	n1	O
	Description: Code requesting acknowledgement for the interchange.			
0032	COMMUNICATIONS AGREEMENT ID	C	an..35	O
	Description: Identification by name or code of the type of agreement under which the interchange takes place.			
0035	TEST INDICATOR	C	n1	O
	Description: Indication that the structural level containing the test indicator is a test.			

UNH Message Header

Status: M Usage: M Min/Max: 1/1
Group: N/A

up

Description:

To head, identify and specify a message.

Example:

```
UNH+1+APERAK:D:96B:UN'
```

Tag	Element Name	Status	Type	Usage
0062	MESSAGE REFERENCE NUMBER	M	an..14	M
	Description: Unique message reference assigned by the sender. **Note:** `Unique Hapag-Lloyd reference number.`			
S009	**MESSAGE IDENTIFIER**	**M**		**M**
	Description: Identification of the type, version, etc. of the message being interchanged.			
0065	Message type identifier	M	an..6	M
	Description: Code identifying a type of message and assigned by its controlling agency.			
0052	Message type version number	M	an..3	M
	Description: Version number of a message type.			
0054	Message type release number	M	an..3	M
	Description: Release number within the current message version number.			
0051	Controlling agency	M	an..2	M
	Description: Code identifying a controlling agency.			
0057	Association assigned code	C	an..6	O
	Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.			
0068	COMMON ACCESS REFERENCE	C	an..35	X
	Description: Reference serving as a key to relate all subsequent transfers of data to the same business case or file.			

S010	STATUS OF THE TRANSFER	C		X
	Description: Statement that the message is one in a sequence of transfers relating to the same topic.			
0070	Sequence message transfer number	M	n..2	X
	Description: Number assigned by the sender indicating the transfer sequence of a message related to the same topic. The message could be an addition or a change to an earlier transfer related to the same topic.			
0073	First/last sequence message transfer indication	C	a1	X
	Description: Indication used for the first and last message in a sequence of messages related to the same topic.			

BGM Beginning of Message

Status: M Usage: M Min/Max: 1/1
Group: N/A

up

Description:

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

Example:

```
BGM+340+AUS2391492+9+AP'
```

Tag	Element Name	Status	Type	Usage
C002	**DOCUMENT/MESSAGE NAME**	**C**		**M**
	Description: Identification of a type of document/message by code or name. Code preferred.			
1001	Document/message name, coded	C	an..3	M
	Description: Document/message identifier expressed in code. **Note:** **Value(s):** 335 The causing message was an IFTMBF; 340 The causing message was an IFTMIN			
1131	Code list qualifier	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency, coded	C	an..3	X
	Description: Code identifying the agency responsible for a code list.			
1000	Document/message name	C	an..35	X
	Description: Plain language identifier specifying the function of a document/message.			
C106	**DOCUMENT/MESSAGE IDENTIFICATION**	**C**		**O**
	Description: Identification of a document/message by its number and eventually its version or revision.			
1004	Document/message number	C	an..35	M
	Description: Reference number assigned to the document/message by the issuer. **Note:** Value of the BGM-C106-1004 in the corresponding IFTMIN/IFTMBF.			
1056	Version	C	an..9	X
	Description: To specify the version number or name of an object.			
1060	Revision number	C	an..6	X
	Description: To specify a revision number.			
1225	MESSAGE FUNCTION, CODED	C	an..3	M
	Description: Code indicating the function of the message. **Note:** **Value(s):** 9 Original			

4343	RESPONSE TYPE, CODED	C	an..3	O

Description:
Code specifying the type of acknowledgment required or transmitted.
Note:
Value(s):

AP	Accepted

DTM Date/Time/Period

Status: C Usage: M Min/Max: 0/9
Group: N/A

up

Description:

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

Example:

```
DTM+9:200910131209:203'
```

Tag	Element Name	Status	Type	Usage
C507	**DATE/TIME/PERIOD**	**M**		**M**
	Description: Date and/or time, or period relevant to the specified date/time/period type.			
2005	Date/time/period qualifier	M	an..3	M
	Description: Code giving specific meaning to a date, time or period. **Note:** **Value(s):** 9 Date/time when the IFTMIN/IFTMBF was processed; 171 Creation date/time of the causing IFTMIN/IFTMBF			
2380	Date/time/period	C	an..35	M
	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..3	M
	Description: Specification of the representation of a date, a date and time or of a period. **Note:** **Value(s):** 203 Format: CCYYMMDDHHMM			

RFF Reference

Status: M Usage: M Min/Max: 1/1
Group: 1

up

Description:

To specify a reference.

Example:

```
RFF+ACW:AUS2391492'
```

Tag	Element Name	Status	Type	Usage
C506	**REFERENCE**	**M**		**M**
	Description: Identification of a reference.			
1153	Reference qualifier	M	an..3	M
	Description: Code giving specific meaning to a reference segment or a reference number. **Note:** **Value(s):** ACW UNH-0020 control reference of the corresondinng IFTMIN/IFTMBF.			
1154	Reference number	C	an..35	M
	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..6	X
	Description: Number of the line in the document/message referenced in 1154 Reference number.			
4000	Reference version number	C	an..35	X
	Description: To uniquely identify a reference by its revision number.			

DTM Date/Time/Period

Status: C Usage: O Min/Max: 0/9
Group: 1

up

Description:

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

Example:

```
DTM+171:200910020239:203
```

Tag	Element Name	Status	Type		Usage
C507	**DATE/TIME/PERIOD**	**M**			**M**
	Description: Date and/or time, or period relevant to the specified date/time/period type.				
2005	Date/time/period qualifier	M	an..3		M
	Description: Code giving specific meaning to a date, time or period. **Note:** **Value(s):** 171 Creation date/time of the causing IFTMIN/IFTMBF				
2380	Date/time/period	C	an..35		M
	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..3		M
	Description: Specification of the representation of a date, a date and time or of a period. **Note:** **Value(s):** 203 Format: CCYYMMDDHHMM				

UNT Message Trailer

Status: M Usage: M Min/Max: 1/1
Group: 4

up

Description:

To end and check the completeness of a message.

Example:

```
UNT+6+1'
```

Tag	Element Name	Status	Type	Usage
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	n..6	M
	Description: The number of segments in a message body, plus the message header segment and message trailer segment.			
0062	MESSAGE REFERENCE NUMBER	M	an..14	M
	Description: Unique message reference assigned by the sender.			

UNZ Interchange Trailer

Status: M Usage: M Min/Max: 1/1
Group: 4

up

Description:

To end and check the completeness of an interchange.

Example:

```
UNZ+1+46'
```

Tag	Element Name	Status	Type	Usage
0036	INTERCHANGE CONTROL COUNT	M	n..6	M
	Description: The number of messages and packages in an interchange or, if used, the number of groups in an interchange.			
0020	INTERCHANGE CONTROL REFERENCE	M	an..14	M
	Description: Unique reference assigned by the sender to an interchange.			

Examples

```
UNA:+.? '
UNB+UNOB:1+HAPAGLLOYDID+PARTNERID+091013:1209+46++++++1'
UNH+1+APERAK:D:96B:UN'
BGM+340+REFERNCE+9+AP'
DTM+9:200910131209:203'
RFF+ACW:REFERNCE'
DTM+171:200910020239:203'
UNT+6+1'
UNZ+1+46'
```