CONTRL D99B ACKFORM

EDI User Manual

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Functional Definition

Change History

Date	Version	User	Change
06-11-2025	1.0	Michal Grygorowicz	MIG Created

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	C	1	X
UNB	Interchange Header	M	1	M
UNG	Functional Group Header	C	1	O
UNH	Message Header	M	1	M
UCI	Interchange Response	M	1	M
Group1		**C**	**999999**	**X**
UCM	Message Response	M	1	X
Group2		**C**	**999**	**X**
UCS	Segment Error Indication	M	1	X
UCD	Data Element Error Indication	C	99	X
Group3		**C**	**999999**	**X**
UCF	Functional Group Response	M	1	X
Group4		**C**	**999999**	**X**
UCM	Message Response	M	1	X
Group5		**C**	**999**	**X**
UCS	Segment Error Indication	M	1	X
UCD	Data Element Error Indication	C	99	X
UNT	Message Trailer	M	1	M
UNE	Functional Group Trailer	C	1	O
UNZ	Interchange Trailer	M	1	M

Description of used Message Segments

UNB Interchange Header

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

up

Description:
To identify an interchange.

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.			

UNG Functional Group Header

Status: C Usage: O Min/Max: 0/1
Group: N/A

up

Description:

To head, identify and specify a group of messages and/or packages, which may be used for internal routing and which may contain one or more message types and/or packages.

Tag	Element Name	Status	Type	Usage
0038	FUNCTIONAL GROUP IDENTIFICATION	M	an..6	M
	Description: Identification of the single message type in the group.			
S006	**APPLICATION SENDER IDENTIFICATION**	**M**		**M**
	Description: Sender identification of for example a division, branch or application computer system/process.			
0040	Application sender identification	M	an..35	M
	Description: Name or coded identification of the application sender (for example, a division, branch or computer system/process).			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
S007	**APPLICATION RECIPIENTS IDENTIFICATION**	**M**		**M**
	Description: Recipient identification of for example a division, branch or application computer system/process.			
0044	Application recipient's identification	M	an..35	M
	Description: Name or coded identification of the application recipient (for example, a division, branch or computer system/process).			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
S004	**DATE AND TIME OF PREPARATION**	**M**		**X**
	Description: Date and time of preparation of the interchange.			
0017	Date of preparation	M	n6	X
	Description: Local date when an interchange or a group was prepared.			
0019	Time of preparation	M	n4	X
	Description: Local time of day when an interchange or a group was prepared.			
0048	FUNCTIONAL GROUP REFERENCE NUMBER	M	an..14	X
	Description: Unique reference number for the group within an interchange.			
0051	CONTROLLING AGENCY	M	an..2	M
	Description: Code identifying a controlling agency.			

S008	**MESSAGE VERSION**	**M**		**M**
	Description: Specification of the version and release numbers of all of the messages of a single type in the group.			
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.			
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.			

0058	APPLICATION PASSWORD	C	an..14	X
	Description: Password to the recipient's division, department or sectional application system/process.			

UNH Message Header

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

up

Description:
To head, identify and specify a message.

Tag	Element Name	Status	Type	Usage
0062	MESSAGE REFERENCE NUMBER	M	an..14	M
	Description: Unique message reference assigned by the sender.			
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.			

UCI Interchange Response

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

up

Description:

To identify the subject interchange, to indicate interchange receipt, to indicate acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and to identify any error related to these segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the interchange level. Depending on the action code, it may also indicate the action taken on the groups, messages, and packages within that interchange.

Tag	Element Name	Status	Type	Usage
0020	INTERCHANGE CONTROL REFERENCE	M	an..14	M
	Description: Unique reference assigned by the sender to an interchange.			
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	X
	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	X
	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.			
0083	ACTION, CODED	M	an..3	M
	Description: A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange, or indication of interchange receipt.			
0085	SYNTAX ERROR, CODED	C	an..3	X
	Description: A code indicating the error detected.			
0013	SERVICE SEGMENT TAG CODED	C	a3	X

	Description: Code identifying a service segment.

S011	**S011**	**C**		**X**
	Description: Identification of the position for an erroneous data element. This can be the position of a stand-alone or composite data element in the definition of a segment or a component data element in the definition of a composite data element.			
0098	Erroneous data element position in segment.	M	n..3	X
	Description: The numerical count position of the stand-alone or composite data element in error. The segment code and each following stand-alone or composite data element defined in the segment description shall cause the count to be incremented. The segment tag has position number 1.			
0104	Erroneous component data element position.	C	n..3	X
	Description: The numerical count position of the component data element in error. Each component data element position defined in the composite data element description shall cause the count to be incremented. The count starts at 1.			

UNT Message Trailer

Status: M Usage: M Min/Max: 1/1
Group: 5

up

Description:

To end and check the completeness of a message.

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.			

UNE Functional Group Trailer

Status: C	Usage: O	Min/Max: 0/1
Group: 5		

up

Description:

To end and check the completeness of a group.

Tag	Element Name	Status	Type	Usage
0060	NUMBER OF MESSAGES	M	n..6	M
	Description: The number of messages and packages in the group.			
0048	FUNCTIONAL GROUP REFERENCE NUMBER	M	an..14	X
	Description: Unique reference number for the group within an interchange.			

UNZ Interchange Trailer

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

up

Description:

To end and check the completeness of an interchange.

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

Example 1

```
UNB+UNOB:3+HLCU+PARTNERNAME:ZZZ+251106:0930+5532'
UNH+1+CONTRL:D:99B:UN'
UCI+14434+PARTNERNAME:ZZZ+HLCU:ZZZ+7'
UNT+3+1'
UNZ+1+5532'
```

Example 2

```
UNB+UNOC:2+HAPAG-LLOYD+PARTNERNAME+251106:1157+233461'
UNH+1+CONTRL:D:99B:UN'
UCI+1070402+PARTNERNAME:01+HAPAG-LLOYD:ZZ+7'
UNT+3+1'
UNH+2+CONTRL:D:99B:UN'
UCI+1070400+PARTNERNAME:01+HAPAG-LLOYD:ZZ+7'
UNT+3+2'
UNH+3+CONTRL:D:99B:UN'
UCI+1070404+PARTNERNAME:01+HAPAG-LLOYD:ZZ+7'
UNT+3+3'
UNH+4+CONTRL:D:99B:UN'
UCI+1070399+PARTNERNAME:01+HAPAG-LLOYD:ZZ+7'
UNT+3+4'
UNH+5+CONTRL:D:99B:UN'
UCI+1070401+PARTNERNAME:01+HAPAG-LLOYD:ZZ+7'
UNT+3+5'
UNH+6+CONTRL:D:99B:UN'
UCI+1070403+PARTNERNAME:01+HAPAG-LLOYD:ZZ+7'
UNT+3+6'
UNZ+6+233461'
```