

# **EDIFACT CONTRL D96B (Acknowledgment) Implementation Guide**

**Version: 3.0**

**Company: CargoSmart Limited**

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# CONTRL

## Syntax and service report message

### Message Status=1

**Purpose:** CONTRL is a message syntactically acknowledging or rejecting, with error indication, a received interchange, functional group or message. A CONTRL message can be used to: a) acknowledge or reject a received interchange, functional group or message and list any errors contained therein, or b) indicate only the receipt of an interchange.

#### Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
	UNB	INTERCHANGE HEADER	M	1		Must use	3
	UNG	FUNCTIONAL GROUP HEADER	C	1		Used	6
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use	9

#### Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0020	UCI	INTERCHANGE RESPONSE	M	1	N2/0020	Must use	11
<b>0030</b>		<b>Segment Group 1</b>	<b>C</b>	<b>999999</b>	<b>N2/0030</b>	<b>Used</b>	14
0040	UCM	MESSAGE RESPONSE	M	1	N2/0040	Must use	15
<b>0050</b>		<b>Segment Group 2</b>	<b>C</b>	<b>999</b>	<b>N2/0050</b>	<b>Used</b>	18
0060	UCS	SEGMENT ERROR INDICATION	M	1	N2/0060	Must use	19
0070	UCD	DATA ELEMENT ERROR INDICATION	C	99	N2/0070	Used	21
<b>* 0080</b>		<b>Segment Group 3</b>	<b>C</b>	<b>999999</b>	<b>N2/0080</b>	<b>Not used</b>	N/A
* 0090	UCF	FUNCTIONAL GROUP RESPONSE	M	1	N2/0090		N/A
<b>* 0100</b>		<b>Segment Group 4</b>	<b>C</b>	<b>999999</b>	<b>N2/0100</b>	<b>Not used</b>	N/A
* 0110	UCM	MESSAGE RESPONSE	M	1	N2/0110		N/A
<b>* 0120</b>		<b>Segment Group 5</b>	<b>C</b>	<b>999</b>	<b>N2/0120</b>	<b>Not used</b>	N/A
* 0130	UCS	SEGMENT ERROR INDICATION	M	1	N2/0130		N/A
* 0140	UCD	DATA ELEMENT ERROR INDICATION	C	99	N2/0140		N/A

#### Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0150	UNT	MESSAGE TRAILER	M	1	N3/0150	Must use	23
	UNE	FUNCTIONAL GROUP TRAILER	C	1		Used	24
	UNZ	INTERCHANGE TRAILER	M	1		Must use	25

#### Conventions:

- 1 The segment hierarchy lists all the segments of EDIFACT standard. Segments which are not used by CargoSmart are indicated with \* sign.
- 2 A detailed description of each segment is listed with the segment ID and name, level (header, detail, or summary), loop (if the segment is contained within a loop), loop repeat (for the first segment in the loop), requirement within the transaction set (as required by CS), maximum use, purpose (as defined by EDIFACT), EDIFACT syntax notes, EDIFACT comments for segment usage, notes that explain CS convention for the segment within the transaction set and a valid sample of that segment.
- 3 The data element summary lists each data element, in order, for the segment. The data element summary includes the following types of information:

- . **Ref** - This is the segment identifier with the data element sequence number within the segment.
- . **Id** - This is the number assigned to the data element by EDIFACT. This number may be used for direct reference into the EDIFACT Data Element Dictionary
- . **Element Name** - This is the name assigned to the data element by EDIFACT, in the EDIFACT Data Element Dictionary.
- . **Req** - Element Usage based on EDIFACT standard and CS requirement. Below are the values used:
  - . **M Mandatory** The data element must be used if the segment is used.
  - . **O Optional** The data element may be used if the segment is used.
  - . **C Conditional** The data element may be used - its presence is dependent on the presence or absence of other data elements in the same segment. The particular condition/relation will be stated in the CS Notes section for that segment.
- . **Type** - Element Type based on EDIFACT standard (Reference: [http://www.unece.org/trade/untdid/texts/d426\\_d.htm#p2.9](http://www.unece.org/trade/untdid/texts/d426_d.htm#p2.9)) and CS requirement. Below are the values used:
  - . **ID (Identifier)** Values for the identifier-type data elements are taken from a predefined list in the EDIFACT Data Element Dictionary.
  - . **AN (String)** Values for the string-type data element are a sequence of any printable characters.
  - . **N (Numeric)** Values for a numeric data element are in an implied decimal format. For negative values the leading minus sign (-) is used. Absence of a minus sign indicates a positive number. The decimal point is not transmitted in the character stream.
- . **Minimum/Maximum** - This is the minimum and maximum length the field can be.
- . **Usage** - Element Usage based on CS mapping. Below are values used:
  - . **Must Use** CS is mapping this data element to a mandatory field in internal files and CS DB. Unavailability of this element will lead to CS failure.
  - . **Used** CS may map this data element but unavailability will not cause failure.
  - . **Not Used** CS is not mapping this data element to internal files and data is not extracted/loaded to CS DB.
- . **Code values** - CS supported values for each element.

### Revision History:

Version Number	Version Date	Change Description
3.0	Dec 24, 2008	Reviewed IG
2.0	Aug 17, 2006	Revised the presentation
1.0	Apr 05, 2003	Initial Release

# UNB INTERCHANGE HEADER

Pos:	Max: 1
Mandatory	
Group:	Elements: 11
N/A	

**User Option (Usage):** Must use

**Purpose:** To start, identify and specify an interchange.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB010	S001	<b>SYNTAX IDENTIFIER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the agency controlling the syntax and indication of syntax level.				
	0001	<b>Syntax identifier</b>	M	a	4/4	Must use
		<b>Description:</b> Coded identification of the agency controlling a syntax and syntax level used in an interchange.				
		<b>Code</b>	<b>Name</b>			
		UNOA	UN/ECE level A			
		UNOB	UN/ECE level B			
	0002	<b>Syntax version number</b>	M	n	1/1	Must use
		<b>Description:</b> Version number of the syntax identified in the syntax identifier (0001).				
UNB020	S002	<b>INTERCHANGE SENDER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the sender of the interchange.				
	0004	<b>Sender identification</b>	M	an	1/35	Must use
		<b>Description:</b> Name or coded representation of the sender of a data interchange.				
		<b>Code</b>	<b>Name</b>			
		YOUR_ID	Your Interchange ID			
		<b>CS Note:</b> <i>If you are sender</i>				
		CARGOSM	CargoSmart Interchange ID			
		ART				
		<b>CS Note:</b> <i>If CargoSmart is sender</i>				
	0007	<b>Partner identification code qualifier</b>	C	an	1/4	Used
		<b>Description:</b> Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		<b>Code</b>	<b>Name</b>			
		01	CargoSmart Interchange ID Qualifier			
		<b>CS Note:</b> <i>If CargoSmart is sender</i>				
		ZZ	Your Interchange ID Qualifier			
		<b>CS Note:</b> <i>If you are sender</i>				
	0008	<b>Address for reverse routing</b>	C	an	1/14	Used
		<b>Description:</b> Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB030	S003	<b>INTERCHANGE RECIPIENT</b>	M	Comp		Must use
		<b>Description:</b> Identification of the recipient of the interchange.				
	0010	<b>Recipient identification</b>	M	an	1/35	Must use
		<b>Description:</b> Name or coded representation of the recipient of a data interchange.				
		<b>Code</b>	<b>Name</b>			
		YOUR_ID	Your Interchange ID			
			<b>CS Note:</b> <i>If you are recipient</i>			
		CARGOSM ART	CargoSmart Interchange ID			
			<b>CS Note:</b> <i>If CargoSmart is recipient</i>			
	0007	<b>Partner identification code qualifier</b>	C	an	1/4	Used
		<b>Description:</b> Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		<b>Code</b>	<b>Name</b>			
		01	CargoSmart Interchange ID Qualifier			
			<b>CS Note:</b> <i>If CargoSmart is recipient</i>			
		ZZ	Your Interchange ID Qualifier			
			<b>CS Note:</b> <i>If you are recipient</i>			
	0014	<b>Routing address</b>	C	an	1/14	Used
		<b>Description:</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.				
UNB040	S004	<b>DATE/TIME OF PREPARATION</b>	M	Comp		Must use
		<b>Description:</b> Date/time of preparation of the interchange.				
	0017	<b>Date of preparation</b>	M	n	6/6	Must use
		<b>Description:</b> Local date when an interchange or a functional group was prepared.				
	0019	<b>Time of preparation</b>	M	n	4/4	Must use
		<b>Description:</b> Local time of day when an interchange or a functional group was prepared.				
UNB050	0020	<b>Interchange control reference</b>	M	an	1/14	Must use
		<b>Description:</b> Unique reference assigned by the sender to an interchange.				
UNB060	S005	<b>RECIPIENTS REFERENCE PASSWORD</b>	C	Comp		Used
		<b>Description:</b> Reference or password as agreed between the communicating partners.				
	0022	<b>Recipient's reference/password</b>	M	an	1/14	Must use
		<b>Description:</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.				
	0025	<b>Recipient's reference/password qualifier</b>	C	an	2/2	Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Qualifier for the recipient's reference or password.				
		<b><u>Code</u> <u>Name</u></b>				
		AA Reference				
		BB Password				
UNB070	0026	<b>Application reference</b>	C	an	1/14	Used
		<b>Description:</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.				
UNB080	0029	<b>Processing priority code</b>	C	a	1/1	Used
		<b>Description:</b> Code determined by the sender requesting processing priority for the interchange.				
		<b><u>Code</u> <u>Name</u></b>				
		A Highest priority				
UNB090	0031	<b>Acknowledgement request</b>	C	n	1/1	Used
		<b>Description:</b> Code determined by the sender for acknowledgement of the interchange.				
		<b><u>Code</u> <u>Name</u></b>				
		1 Requested				
UNB100	0032	<b>Cumunications agreement ID</b>	C	an	1/35	Used
		<b>Description:</b> Identification by name or code of the type of agreement under which the interchange takes place.				
UNB110	0035	<b>Test indicator</b>	C	n	1/1	Used
		<b>Description:</b> Indication that the interchange is a test.				
		<b><u>Code</u> <u>Name</u></b>				
		1 Interchange is a test				

**Sample:**

*UNB+UNOC:2+CARGOSMART:01+YOUR\_ID:ZZ+020918:1813+1661'*

# UNG FUNCTIONAL GROUP HEADER

Pos:	Max: 1
Group:	Elements: 8
N/A	

**User Option (Usage):** Used

**Purpose:** To head, identify and specify a functional group.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNG010	0038	<b>Functional group identification</b>	M	an	1/6	Must use

**Description:** Identification of the one type of messages in a functional group.

**Code Name**

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UNG020	S006	<b>APPLICATION SENDER'S IDENTIFICATION</b>	M	Comp		Must use
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**Description:** Identification of the sender's division, department etc. from which a group of messages is sent.

0040		<b>Application sender's identification</b>	M	an	1/35	Must use
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**Description:** Name or code identifying the originating division, department etc. within the sender's organization.

**Code Name**

YOUR\_ID Your Interchange ID

**CS Note:**

*If you are sender*

CARGOSM CargoSmart Interchange ID  
ART

**CS Note:**

*If CargoSmart is sender*

0007		<b>Partner identification code qualifier</b>	C	an	1/4	Used
------	--	--	---	----	-----	------

**Description:** Qualifier referring to the source of codes for the identifiers of interchanging partners.

**Code Name**

01 CargoSmart Interchange ID Qualifier

**CS Note:**

*If CargoSmart is sender*

ZZ Your Interchange ID Qualifier

**CS Note:**

*If you are sender*

UNG030	S007	<b>APPLICATION RECIPIENTS IDENTIFICATION</b>	M	Comp		Must use
--------	------	--	---	------	--	----------

**Description:** Identification of the recipient's division, department etc. for which a group of messages is intended.

0044		<b>Application recipient's identification</b>	M	an	1/35	Must use
------	--	---	---	----	------	----------

**Description:** Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.

<u>Code</u>	<u>Name</u>
YOUR_ID	Your Interchange ID

**CS Note:**  
If you are recipient

CARGOSM ART	CargoSmart Interchange ID
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**CS Note:**  
If CargoSmart is recipient

0007 **Partner identification code qualifier** C an 1/4 Used

**Description:** Qualifier referring to the source of codes for the identifiers of interchanging partners.

<u>Code</u>	<u>Name</u>
01	CargoSmart Interchange ID Qualifier

**CS Note:**  
If CargoSmart is recipient

ZZ	Your Interchange ID Qualifier
----	-------------------------------

**CS Note:**  
If you are recipient

UNG040 S004 **DATE/TIME OF PREPARATION** M Comp Must use

**Description:** Date/time of preparation of the interchange.

0017 **Date of preparation** M n 6/6 Must use

**Description:** Local date when an interchange or a functional group was prepared.

0019 **Time of preparation** M n 4/4 Must use

**Description:** Local time of day when an interchange or a functional group was prepared.

UNG050 0048 **Functional group reference number** M an 1/14 Must use

**Description:** Reference number for the functional group assigned by and unique within the sender's division, department etc.

UNG060 0051 **Controlling agency** M an 1/2 Must use

**Description:** Code identifying the agency controlling the specification, maintenance and publication of the message type.

<u>Code</u>	<u>Name</u>
UN	UN/CEFACT

UNG070 S008 **MESSAGE VERSION** M Comp Must use

**Description:** Specification of the type of messages in the functional group.

0052 **Message version number** M an 1/3 Must use

**Description:** Version number of a message type.

<u>Code</u>	<u>Name</u>
D	Draft version/UN/EDIFACT Directory

0054 **Message release number** M an 1/3 Must use

**Description:** Release number within the current message version number.

<u>Code</u>	<u>Name</u>
96B	Release 1996 - B

0057 **Association assigned code** C an 1/6 Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
UNG080	0058	<b>Application password</b>	C	an	1/14	Used
		<b>Description:</b> Password to the recipient's division, department or sectional system.				

**CS Note:**

*UNG+CONTRL+CARGOSMART:01+YOUR\_ID:ZZ+070618:2132+995+UN+D:96B'*

# UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To head, identify and specify a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	<b>Message reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				
UNH020	S009	<b>MESSAGE IDENTIFIER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the type, version etc. of the message being interchanged.				
	0065	<b>Message type</b>	M	an	1/6	Must use
		<b>Description:</b> Code identifying a type of message and assigned by its controlling agency.				
		<b>Code</b>		<b>Name</b>		
		CONTRL		Syntax and service report message		
	0052	<b>Message version number</b>	M	an	1/3	Must use
		<b>Description:</b> Version number of a message type.				
		<b>Code</b>		<b>Name</b>		
		D		Draft version/UN/EDIFACT Directory		
	0054	<b>Message release number</b>	M	an	1/3	Must use
		<b>Description:</b> Release number within the current message type version number (0052).				
		<b>Code</b>		<b>Name</b>		
		96B		Release 1996 - B		
	0051	<b>Controlling agency</b>	M	an	1/2	Must use
		<b>Description:</b> Code to identify the agency controlling the specification, maintenance and publication of the message type.				
		<b>Code</b>		<b>Name</b>		
		UN		UN/CEFACT		
*	0057	<b>Association assigned code</b>	C	an	1/6	Not used
		<b>Description:</b> A code assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
* UNH030	0068	<b>Common access reference</b>	C	an	1/35	Not used
		<b>Description:</b> Reference serving as a key to relate all subsequent transfers of data to the same business case or file.				
* UNH040	S010	<b>STATUS OF THE TRANSFER</b>	C	Comp		Not used
		<b>Description:</b> Statement that the message is one in a sequence of transfers relating to the same topic.				
*	0070	<b>Sequence of transfers</b>	M	n	1/2	Not used
		<b>Description:</b> Number assigned by the sender indicating the numerical sequence of one or more transfers.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	0073	<b>First and last transfer</b>	C	a	1/1	Not used

**Description:** Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

**Sample:**

*UNH+166100001+CONTRL:D:96B:UN'*

# UCI INTERCHANGE RESPONSE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 7

**User Option (Usage):** Must use

**Purpose:** 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. Depending on the action code, it may also indicate the action taken on the functional groups and messages within that interchange.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UCI010	0020	<b>Interchange control reference</b>	M	an	1/14	Must use

**Description:** Unique reference assigned by the sender to an interchange.

UCI020	S002	<b>INTERCHANGE SENDER</b>	M	Comp		Must use
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**Description:** Identification of the sender of the interchange.

0004		<b>Sender identification</b>	M	an	1/35	Must use
------	--	------------------------------	---	----	------	----------

**Description:** Name or coded representation of the sender of a data interchange.

<u>Code</u>	<u>Name</u>
YOUR_ID	Your Interchange ID

**CS Note:**  
*If you are sender*

0007		<b>Partner identification code qualifier</b>	C	an	1/4	Used
------	--	--	---	----	-----	------

**Description:** Qualifier referring to the source of codes for the identifiers of interchanging partners.

<u>Code</u>	<u>Name</u>
ZZ	Your Interchange ID Qualifier

**CS Note:**  
*If you are sender*

*	0008	<b>Address for reverse routing</b>	C	an	1/14	Not used
---	------	------------------------------------	---	----	------	----------

**Description:** Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.

UCI030	S003	<b>INTERCHANGE RECIPIENT</b>	M	Comp		Must use
--------	------	------------------------------	---	------	--	----------

**Description:** Identification of the recipient of the interchange.

0010		<b>Recipient identification</b>	M	an	1/35	Must use
------	--	---------------------------------	---	----	------	----------

**Description:** Name or coded representation of the recipient of a data interchange.

<u>Code</u>	<u>Name</u>
CARGOSM	CargoSmart Interchange ID
ART	

**CS Note:**  
*If CargoSmart is recipient*

0007		<b>Partner identification code qualifier</b>	C	an	1/4	Used
------	--	--	---	----	-----	------

**Description:** Qualifier referring to the source of codes for the identifiers of interchanging partners.

**Code Name**

01 CargoSmart Interchange ID Qualifier

**CS Note:**

*If CargoSmart is recipient*

\* 0014 **Routing address** C an 1/14 Not used

**Description:** 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.

UCI040 0083 **Action, coded** M an 1/3 Must use

**Description:** A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.

**Code Name**

- 1 Acknowledged (this level and all lower levels)
- 2 Acknowledged - errors detected and reported
- 3 One or more rejected - next lower level
- 4 This level and all lower levels rejected
- 5 UNB/UNZ accepted
- 6 UNB/UNZ rejected
- 7 This level acknowledged, next lower level acknowledged if not explicitly rejected
- 8 Interchange received

UCI050 0085 **Syntax error, coded** C an 1/3 Used

**Description:** A code indicating the syntax error detected.

**Code Name**

- 1 UNA not supported
- 2 Syntax version or level not supported
- 3 Message version/release not supported
- 4 Service segment missing/invalid
- 5 Trailer check in error
- 6 Data segment missing/invalid
- 7 Interchange recipient not actual recipient
- 8 Too many data elements in segment
- 9 Mandatory data element missing
- 10 Data element attribute error
- 11 Password invalid
- 12 Invalid value
- 13 Missing
- 15 Not supported in this position
- 16 Too many constituents
- 17 No agreement
- 18 Unspecified error
- 19 Invalid decimal notation
- 20 Character invalid as service character
- 21 Invalid character(s)
- 22 Invalid service character(s)
- 23 Unknown Interchange sender
- 24 Too old
- 25 Test indicator not supported
- 26 Duplicate detected
- 27 Security function not supported

**Code Name**

- 28 References do not match
- 29 Control count does not match number of instances received
- 30 Functional groups and messages mixed
- 31 More than one message type in group
- 32 Lower level empty
- 33 Invalid occurrence outside message or functional group
- 34 Nesting indicator not allowed
- 35 Too many segment repetitions
- 36 Too many segment group repetitions
- 37 Invalid type of character(s)
- 38 Missing digit in front of decimal sign
- 39 Data element too long
- 40 Data element too short
- 41 Permanent communication network error
- 42 Temporary communication network error
- 43 Unknown interchange recipient
- 44 Application temporarily unavailable

\* UCI060 0013 **Service segment tag, coded** C a 3/3 Not used

**Description:** Code identifying a segment.

UCI070 S011 **DATA ELEMENT IDENTIFICATION** C Comp Used

**Description:** Identification of the position for an erroneous data element. This can be the position of a simple or composite data element in the definition of a segment or a component data element in the definition a composite data element.

0098 **Erroneous data element position in segment** M n 1/3 Must use

**Description:** The numerical count position of the simple or composite data element in error. The segment code and each following simple 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 1/3 Used

**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.

# Segment Group 1

Pos: 0030	Repeat: 999999
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0040	UCM	MESSAGE RESPONSE	M	1	Must use
0050		Segment Group 2	C	999	Used

# UCM MESSAGE RESPONSE

Pos: 0040	Max: 1
Mandatory	
Group: 1	Elements: 6

**User Option (Usage):** Must use

**Purpose:** To identify a message in the subject interchange, and to indicate that message's acknowledgement or rejection (action taken), and to identify any error related to the UNH and UNT segments.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UCM010	0062	<b>Message reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				
UCM020	S009	<b>MESSAGE IDENTIFIER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the type, version etc. of the message being interchanged.				
	0065	<b>Message type</b>	M	an	1/6	Must use
		<b>Description:</b> Code identifying a type of message and assigned by its controlling agency.				
		<b><u>Code</u>   <u>Name</u></b>				
		IFTMBC	Booking confirmation message			
		IFTMBF	Firm booking message			
		IFTMCS	Instruction contract status message			
		IFTMIN	Instruction message			
		IFTSAI	Forwarding and transport schedule and availability information message			
		IFTSTA	International multimodal status report message			
	0052	<b>Message version number</b>	M	an	1/3	Must use
		<b>Description:</b> Version number of a message type.				
		<b><u>Code</u>   <u>Name</u></b>				
		D	Draft version/UN/EDIFACT Directory			
	0054	<b>Message release number</b>	M	an	1/3	Must use
		<b>Description:</b> Release number within the current message type version number (0052).				
		<b><u>Code</u>   <u>Name</u></b>				
		96B	Release 1996 - B			
	0051	<b>Controlling agency</b>	M	an	1/2	Must use
		<b>Description:</b> Code to identify the agency controlling the specification, maintenance and publication of the message type.				
		<b><u>Code</u>   <u>Name</u></b>				
		UN	UN/CEFACT			
	0057	<b>Association assigned code</b>	C	an	1/6	Used
		<b>Description:</b> A code assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
UCM030	0083	<b>Action, coded</b>	M	an	1/3	Must use
		<b>Description:</b> A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.				
		<b><u>Code</u>   <u>Name</u></b>				
		1	Acknowledged (this level and all lower levels)			

**Code Name**

- 2 Acknowledged - errors detected and reported
- 3 One or more rejected - next lower level
- 4 This level and all lower levels rejected
- 5 UNB/UNZ accepted
- 6 UNB/UNZ rejected
- 7 This level acknowledged, next lower level acknowledged if not explicitly rejected
- 8 Interchange received

UCM040 0085 **Syntax error, coded** C an 1/3 Used

**Description:** A code indicating the syntax error detected.

**Code Name**

- 1 UNA not supported
- 2 Syntax version or level not supported
- 3 Message version/release not supported
- 4 Service segment missing/invalid
- 5 Trailer check in error
- 6 Data segment missing/invalid
- 7 Interchange recipient not actual recipient
- 8 Too many data elements in segment
- 9 Mandatory data element missing
- 10 Data element attribute error
- 11 Password invalid
- 12 Invalid value
- 13 Missing
- 15 Not supported in this position
- 16 Too many constituents
- 17 No agreement
- 18 Unspecified error
- 19 Invalid decimal notation
- 20 Character invalid as service character
- 21 Invalid character(s)
- 22 Invalid service character(s)
- 23 Unknown Interchange sender
- 24 Too old
- 25 Test indicator not supported
- 26 Duplicate detected
- 27 Security function not supported
- 28 References do not match
- 29 Control count does not match number of instances received
- 30 Functional groups and messages mixed
- 31 More than one message type in group
- 32 Lower level empty
- 33 Invalid occurrence outside message or functional group
- 34 Nesting indicator not allowed
- 35 Too many segment repetitions
- 36 Too many segment group repetitions
- 37 Invalid type of character(s)
- 38 Missing digit in front of decimal sign
- 39 Data element too long
- 40 Data element too short

**Code Name**

- 41 Permanent communication network error
- 42 Temporary communication network error
- 43 Unknown interchange recipient
- 44 Application temporarily unavailable

\* UCM050 0013 **Service segment tag, coded** C a 3/3 Not used

**Description:** Code identifying a segment.

UCM060 S011 **DATA ELEMENT IDENTIFICATION** C Comp Used

**Description:** Identification of the position for an erroneous data element. This can be the position of a simple or composite data element in the definition of a segment or a component data element in the definition a composite data element.

0098 **Erroneous data element position in segment** M n 1/3 Must use

**Description:** The numerical count position of the simple or composite data element in error. The segment code and each following simple 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 1/3 Used

**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.

# Segment Group 2

Pos: 0050	Repeat: 999
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0060	UCS	SEGMENT ERROR INDICATION	M	1	Must use
0070	UCD	DATA ELEMENT ERROR INDICATION	C	99	Used

# UCS SEGMENT ERROR INDICATION

Pos: 0060	Max: 1
Mandatory	
Group: 2	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To identify either a segment containing an error or a missing segment, and to identify any error related to the complete segment.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UCS010	0096	<b>Segment position in message</b>	M	n	1/6	Must use

**Description:** The numerical count position of a specific segment that is within the actual received message. The numbering starts with, and includes, the UNH segment as segment number 1. To identify a segment that contains an error, this is the numerical count position of that segment. To report that a segment is missing, this is the numerical count position of the last segment that was processed before the position where the missing segment was expected to be. A missing segment group is denoted by identifying the first segment in the group as missing.

UCS020	0085	<b>Syntax error, coded</b>	C	an	1/3	Used
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**Description:** A code indicating the syntax error detected.

### Code Name

- 1 UNA not supported
- 2 Syntax version or level not supported
- 3 Message version/release not supported
- 4 Service segment missing/invalid
- 5 Trailer check in error
- 6 Data segment missing/invalid
- 7 Interchange recipient not actual recipient
- 8 Too many data elements in segment
- 9 Mandatory data element missing
- 10 Data element attribute error
- 11 Password invalid
- 12 Invalid value
- 13 Missing
- 15 Not supported in this position
- 16 Too many constituents
- 17 No agreement
- 18 Unspecified error
- 19 Invalid decimal notation
- 20 Character invalid as service character
- 21 Invalid character(s)
- 22 Invalid service character(s)
- 23 Unknown Interchange sender
- 24 Too old
- 25 Test indicator not supported
- 26 Duplicate detected
- 27 Security function not supported
- 28 References do not match
- 29 Control count does not match number of instances received
- 30 Functional groups and messages mixed
- 31 More than one message type in group

<b>Code</b>	<b>Name</b>
32	Lower level empty
33	Invalid occurrence outside message or functional group
34	Nesting indicator not allowed
35	Too many segment repetitions
36	Too many segment group repetitions
37	Invalid type of character(s)
38	Missing digit in front of decimal sign
39	Data element too long
40	Data element too short
41	Permanent communication network error
42	Temporary communication network error
43	Unknown interchange recipient
44	Application temporarily unavailable

# UCD DATA ELEMENT ERROR INDICATION

Pos: 0070	Max: 99
Conditional	
Group: 2	Elements: 2

**User Option (Usage):** Used

**Purpose:** To identify an erroneous simple, composite or component data element, and to identify the nature of the error.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UCD010	0085	Syntax error, coded	M	an	1/3	Must use

**Description:** A code indicating the syntax error detected.

### Code Name

- 1 UNA not supported
- 2 Syntax version or level not supported
- 3 Message version/release not supported
- 4 Service segment missing/invalid
- 5 Trailer check in error
- 6 Data segment missing/invalid
- 7 Interchange recipient not actual recipient
- 8 Too many data elements in segment
- 9 Mandatory data element missing
- 10 Data element attribute error
- 11 Password invalid
- 12 Invalid value
- 13 Missing
- 15 Not supported in this position
- 16 Too many constituents
- 17 No agreement
- 18 Unspecified error
- 19 Invalid decimal notation
- 20 Character invalid as service character
- 21 Invalid character(s)
- 22 Invalid service character(s)
- 23 Unknown Interchange sender
- 24 Too old
- 25 Test indicator not supported
- 26 Duplicate detected
- 27 Security function not supported
- 28 References do not match
- 29 Control count does not match number of instances received
- 30 Functional groups and messages mixed
- 31 More than one message type in group
- 32 Lower level empty
- 33 Invalid occurrence outside message or functional group
- 34 Nesting indicator not allowed
- 35 Too many segment repetitions
- 36 Too many segment group repetitions
- 37 Invalid type of character(s)
- 38 Missing digit in front of decimal sign
- 39 Data element too long

**Code Name**

- 40 Data element too short
- 41 Permanent communication network error
- 42 Temporary communication network error
- 43 Unknown interchange recipient
- 44 Application temporarily unavailable

UCD020 S011 **DATA ELEMENT IDENTIFICATION** M Comp Must use

**Description:** Identification of the position for an erroneous data element. This can be the position of a simple or composite data element in the definition of a segment or a component data element in the definition a composite data element.

0098 **Erroneous data element position in segment** M n 1/3 Must use

**Description:** The numerical count position of the simple or composite data element in error. The segment code and each following simple 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 1/3 Used

**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

Pos: 0150	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To end and check the completeness of a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	<b>Number of segments in the message</b>	M	n	1/6	Must use
<b>Description:</b> Control count of number of segments in a message.						
UNT020	0062	<b>Message reference number</b>	M	an	1/14	Must use
<b>Description:</b> Unique message reference assigned by the sender.						

# UNE FUNCTIONAL GROUP TRAILER

Pos:	Max: 1
	Conditional
Group:	Elements: 2
N/A	

**User Option (Usage):** Used

**Purpose:** To end and check the completeness of a functional group.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNE010	0060	<b>Number of messages</b>	M	n	1/6	Must use
		<b>Description:</b> A count of the number of messages in a functional group.				
UNE020	0048	<b>Functional group reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Reference number for the functional group assigned by and unique within the sender's division, department etc.				

# UNZ INTERCHANGE TRAILER

Pos:	Max: 1
Mandatory	
Group:	Elements: 2
N/A	

**User Option (Usage):** Must use

**Purpose:** To end and check the completeness of an interchange.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	<b>Interchange control count</b>	M	n	1/6	Must use
<b>Description:</b> Count either of the number of messages or, if used, of the number of functional groups in an interchange.						
UNZ020	0020	<b>Interchange control reference</b>	M	an	1/14	Must use
<b>Description:</b> Unique reference assigned by the sender to an interchange.						