



Kimball Electronics Group

1600 Royal Street

GO-149

Jasper, IN 47549 812-634-9497

Functional Acknowledgment

EDI Transaction CONTRL

Specifications

UN/EDIFACT

Inbound to Kimball

CONTRL

CONTRL

Syntax and service report message for batch EDI

Message Status=**1**

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
0010	UNH	MESSAGE HEADER	M	1	N0/0010	Must use
0020	UCI	INTERCHANGE RESPONSE	M	1	N0/0020	Must use
0030		Segment Group 1	C	999999	N0/0030	Used
0040	UCM	MESSAGE/PACKAGE RESPONSE	M	1	N0/0040	Must use
0150	UNT	MESSAGE TRAILER	M	1	N0/0150	Must use

CONTRL

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

To head, identify and specify a message. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.

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	Message reference number Description: Unique message reference assigned by the sender.	M	an	1/14	Must use
UNH020	S009	MESSAGE IDENTIFIER Description: Identification of the type, version, etc. of the message being interchanged.	M	Comp		Must use
	0065	Message type Description: Code identifying a type of message and assigned by its controlling agency.	M	an	1/6	Must use
		Code Name CONTRL Syntax and service report message				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0052	Message version number Description: Version number of a message type.	M	an	1/3	Must use
		Code Name 2 Status 2 version				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0054	Message release number Description: Release number within the current message version number.	M	an	1/3	Must use
		Code Name 2 Second release				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0051	Controlling agency, coded Description: Code identifying a controlling agency.	M	an	1/3	Must use
		Code Name UN UN/CEFACT				

Comments:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

CONTRL

UCI

INTERCHANGE RESPONSE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): Must use

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.

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	Interchange control reference Description: Unique reference assigned by the sender to an interchange.	M	an	1/14	Must use
UCI020	S002	INTERCHANGE SENDER Description: Identification of the sender of the interchange.	M	Comp		Must use
	0004	Interchange sender identification Description: Name or coded identification of the sender of the interchange.	M	an	1/35	Must use
	0007	Identification code qualifier Description: Qualifier referring to the identification code. All valid standard codes are used.	C	an	1/4	Used
UCI030	S003	INTERCHANGE RECIPIENT Description: Identification of the recipient of the interchange.	M	Comp		Must use
	0010	Interchange recipient identification Description: Name or coded identification of the recipient of the interchange.	M	an	1/35	Must use
	0007	Identification code qualifier Description: Qualifier referring to the identification code. All valid standard codes are used.	C	an	1/4	Used
UCI040	0083	Action, coded 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. All valid standard codes are used.	M	an	1/3	Must use

Syntax:

1. D5(060,050) - If UCI060 is present, then all of UCI050 are required
2. D5(070,060,050) - If UCI070 is present, then all of UCI060,UCI050 are required
3. D5(080,060,050,090) - If UCI080 is present, then all of UCI060,UCI050,UCI090 are required
4. D5(090,080,060,050) - If UCI090 is present, then all of UCI080,UCI060,UCI050 are required

Comments:

1. 0135, may only contain the values UNA, UNB, UNZ, USA, USC, USD, USH, USR, UST, or USU.
2. 0534, 0138 This data element shall be present when reporting an error in a security segment.

CONTRL

Segment Group 1

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

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0040	UCM	MESSAGE/PACKAGE RESPONSE	M	1	Must use

CONTRL

UCM MESSAGE/PACKAGE RESPONSE

Pos: 0040	Max: 1
Mandatory	
Group: 1	Elements: 3

User Option (Usage): Must use

To identify a message or package in the subject interchange, and to indicate that message's or package's acknowledgement or rejection (action taken), and to identify any error related to the UNH, UNT, UNO, and UNP segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the message or package level.

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	Message reference number Description: Unique message reference assigned by the sender.	C	an	1/14	Used
UCM020	S009	MESSAGE IDENTIFIER Description: Identification of the type, version, etc. of the message being interchanged.	C	Comp		Used
	0065	Message type Description: Code identifying a type of message and assigned by its controlling agency. All valid standard codes are used.	M	an	1/6	Must use
	0052	Message version number Description: Version number of a message type.	M	an	1/3	Must use
		Code Name D Draft version/UN/EDIFACT Directory				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0054	Message release number Description: Release number within the current message version number.	M	an	1/3	Must use
		Code Name 97A Release 1997 - A				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0051	Controlling agency, coded Description: Code identifying a controlling agency.	M	an	1/3	Must use
		Code Name UN UN/CEFACT				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UCM030	0083	Action, coded 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. All valid standard codes are used.	M	an	1/3	Must use

Syntax:

1. D1(010,070) - One and only one of the UCM010,UCM070 should be present
2. D2(010,020) - If either UCM010,UCM020 is present, then all are required
3. D2(070,080) - If either UCM070,UCM080 is present, then all are required
4. D5(050,040) - If UCM050 is present, then all of UCM040 are required
5. D5(060,050,040) - If UCM060 is present, then all of UCM050,UCM040 are required
6. D5(090,050,040,100) - If UCM090 is present, then all of UCM050,UCM040,UCM100 are required
7. D5(100,090,050,040) - If UCM100 is present, then all of UCM090,UCM050,UCM040 are required

CONTRL

Comments:

1. 0135, may only contain the values UNH, UNT, UNO, UNP, USA, USC, USD, USH, USR, UST, or USU.
2. 0534, 0138 This data element shall be present when reporting an error in a security segment.

CONTRL

UNT MESSAGE TRAILER

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

User Option (Usage): Must use

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	Number of segments in a message Description: The number of segments in a message body, plus the message header segment and message trailer segment.	M	n	1/10	Must use
UNT020	0062	Message reference number Description: Unique message reference assigned by the sender.	M	an	1/14	Must use

Comments:

- 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.

Inbound CONTRL Sample Data

UNB+UNOA:2+ABC123:ZZ+8126344400HARB:12+050413:1203+2025++CONTRL'
UNH+1+CONTRL:2:2:UN'
UCI+1158+8126344400HARB:ZZ+ABC123:ZZ+7'
UCM+1+DESADV:D:97A:UN+7'
UCM+2+DESADV:D:97A:UN+7'
UNT+5+1'
UNH+2+CONTRL:2:2:UN'
UCI+1159+KI8:ZZ+VG6:ZZ+7'
UCM+1+DESADV:D:97A:UN+7'
UNT+4+2'
UNZ+2+2025'