GENERAL MOTORS IMPLEMENTATION GUIDELINES

FOR

CONTRL MESSAGE

ACKNOWLEDGEMENT/REJECTION ADVICE MESSAGE

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GENERAL INFORMATION

PURPOSE

This Implementation Guideline details how General Motors intends to exchange information using the Acknowledgement/Rejection Advice message. The same interpretation of the data elements should used by both trading partners, whether they are the sender or receiver of the message. This message is commonly referred to as the CONTRL Message. CONTRL is a message syntactically acknowledging or rejecting, an interchange. Within the interchange it might also be used to notify the trading partners of an acknowledgement or rejection of any of its functional groups or messages. Explanations for the rejection are also clarified and communicated within the message.

APPLICATION

General Motors plans to send the EDIFACT CONTRL message when either a business situation indicates the need to acknowledge each interchange received, or to notify trading partners of a syntactically problem received in a previous interchange. Plans to migrate from the ANSI ASC X12 997 or other proprietary standards will be communicated as business plans dictate the need to change.

The typical business practice with most GM applications will be to send a separate application communication (envelops) for each interchange. Thus, the use of functional groups will not be widely used. The effect of this on the CONTRL Guideline will be to limit the message to the use of the header, the UCI Segment, Segment Group 1, Segment Group 2 and the trailer.

Occasionally there may be a need for the use of functional groups. Responses to message with functional groups should only use the header, the UCI Segment, Segment Group 3, Segment Group 4, Segment Group 5 and the trailer.

A single CONTRL Message should never include both Segment Group 1 and Segment Group 3.

STRUCTURE OF THE GM IMPLEMENTATION GUIDELINE

The GM Implementation Guideline appearing on the following pages, include the EDIFACT Boilerplate, the Segment Table, Segment explanations and various examples of the CONTRL Message. The Segment Table is a summary of the entire EDIFACT Message, in the left-hand column GM has identified when/if each Segment Group/ Segment is used. Each segment is defined as "Must Use", Not Used or a blank denotes that the segment may be used by some GM entities. User documentation may also be available for the GM Application using the data provided from the message. In the next portion of the document, the Segment information requirements for data element usage are also defined. GM will use the following symbols in the left column:

- >> GM requires that information is provided
- X GM does not expect to receive this information
- (blank) Some GM locations may expect to receive this data.

The Attributes column, located on the right side of the Segment information, provides the EDIFACT status and element size. GM plans to conform to the EDIFACT field parameters.

VERSION

The CONTRL message has been developed based on version 2/release 2 of the EDIFACT Standard.

RESPONSIBILITY

This document was developed by the General Motors EDIFACT Guideline Development group with the approval of the GM Electronic Commerce Business Process Team (ECBPT) and distributed internally to all General Motors EDI and CISCO Coordinators.

MAINTENANCE

Changes to this document will be reviewed by one of the General Motors Maintenance Work Group and will be subject to corporate approval through the ECBPT. The change process can only be initiated by individuals/ organizations within the General Motors Corporation.

SEGMENT DIRECTORY

CONTRL Syntax and Service Report Message

Introduction:

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 acknowledge or reject a received interchange, functional group or message and list any errors contained therein.

Must Use	Pos. <u>No.</u> 010	Seg. <u>ID</u> UNH	<u>Name</u> Message Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Group <u>Repeat</u>	Notes and <u>Comments</u>
Must Use	020	UCI	Interchange Response	М	1		
			Segment Group 1: UCM-SG2	С		9999999	Messages without Functional Groups
	030	UCM	Message Response	М	1		
			Segment Group 2: UCS-UCD	С		999	
	040	UCS	Segment Error Indication	М	1		
	050	UCD	Data Element Error Indication	С	1		
			Segment Group 3: UCF-SG4	С		9999999	Messages with Functional Groups
	060	UCF	Functional Group Response	М	1		1
			Segment Group 4: UCM-SG5	С		999999	
	070	UCM	Message Response	М	1		
			Segment Group 5: UCS-UCD	С		999	
	080	UCS	Segment Error Indication	М	1		
	090	UCD	Data Element Error Indication	С	99		
Must Use	100	UNT	Message Trailer	М	1		

DATA SEGMENTS

Segment:	UNH Message Header
Position:	010
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To head, identify and specify a Message
Notes:	UNH+0001+CONTRL:2:2:UN'

	Data	Componen	t		
	Element	Element	Name		<u>ributes</u>
>>	0062		Message reference number	Μ	an14
			Unique message reference assigned by the sender.		
			Must match the message reference number in the UNT.		
>>	S009		Message Identifier	М	
			Identification of the type, version etc. of the message being	interc	hanged.
>>		0065	Message type identifier	Μ	an6
			Code identifying a type of message and assigned by its contra	colling	g agency.
			CONTRL Control message		
>>		0052	Message type version number	Μ	an3
			Version number of a message type.		
			2		
>>		0054	Message type release number	Μ	an3
			Release number within the current message type version nur	nber ((0052).
			2		
>>		0051	Controlling agency	Μ	an3
			Code identifying the agency controlling the specification, m	ainter	nance and
			publication of the message type.		
			UN UN/ECE/TRADE/WP.4, United Natio	ns Sta	andard
			Messages (UNSM)	a	
X		0057	Association assigned code	C	an6
			Code, assigned by the association responsible for the design of the massage time concerned, which further identifies the		
X		0110	of the message type concerned, which further identifies the n Code list directory version number	C C	an6
X		0110	Message type sub-function identification	C C	an6
X	0068	0115	Common access reference	C C	an35
Λ	0000		Reference serving as a key to relate all subsequent transfers	-	
			business case or file.	or ua	ta to the same
X	S010		Status of the Transfer	С	
			Statement that the message is one in a sequence of transfers	relati	ng to the same
			topic.		-
Х		0070	Sequence message transfer number	Μ	n2
			Number assigned by the sender indicating that the message i		addition or
V		00=0	change of a previously sent message relating to the same top		
X		0073	First/last sequence message transfer indication	С	a1

		message relating to the same topic.	~	
S016		Message subset identification	С	
	0115	Message subset identification	Μ	an1
	0116	Message subset version number	С	an3
	0118	Message subset version release number	С	an3
	0051	Controlling agency, coded	С	an3
S017		Message Implementation Guideline Identification	С	
	0121	Message implementation guideline identification	Μ	an14
	0122	Message implementation guideline version number	С	an3
	0124	Message implementation guideline release number	С	an3
	0051	Controlling agency, coded	С	an3
S018		Scenario Identification	С	
	0127	Scenario identification	Μ	an14
	0128	Scenario version number	С	an3
	0130	Scenario release number	С	an3
	0051	Controlling agency, coded	С	an3

X X X

UCI
020
0
Mandatory
1
To identify

UCI Interchange Response

To identify the subject interchange and 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.

Syntax Notes: Semantic Notes: Comments: Notes:

UCI+000000000064+BFT:ZZ+MZ7:ZZ+7'

			Data Element Summary		
	Data	Componen			
>>	<u>Element</u> 0020	<u>Element</u>	<u>Name</u> Interchange control reference	<u>Att</u> M	<u>ributes</u> an14
//	0020		Unique reference assigned by the sender to an interchange.	171	an14
			Reference identification number unique for a calendar year		
>>	S002		Interchange sender	Μ	
//	5002		Identification of the sender of the interchange.	IVI	
>>		0004	Sender identification	М	an35
		0001	Name or coded representation of the sender of a data interc		
			Com Code or Mailbox of the sender of the initial interchan	-	•
		0007	Identification code qualifier	с.	an4
		0007	Qualifier referring to the source of codes for the identifiers		
			partners.	or me	erenanging
Х		0008	Address for reverse routing	С	an14
			Address specified by the sender of an interchange to be inc	luded	by the
			recipient in the response interchanges to facilitate internal r		-
X		0042	Interchange sender internal sub-identification	С	an35
			Sub-level of sender internal identification, when further sub is required.	-level	lidentification
>>	S003		Interchange recipient	Μ	
			Identification of the recipient of the interchange.		
>>		0010	Recipient identification	Μ	an35
			Name or coded representation of the recipient of a data inte	rchan	ge.
			Com Code or Mailbox of the receiver of the initial intercha	nge.	
		0007	Identification code qualifier	С	an4
			Qualifier referring to the source of codes for the identifiers partners.	of int	erchanging
Χ		0014	Routing address	С	an14
			Address specified by the recipient of an interchange to be in sender and used by the recipient for routing of received inter organization.		•

Х		0046	Interchange recipion	ent internal sub-identification	С	an35
	0000		identification is requ	nt internal identification, when further su ired.		
>>	0083		Action, coded		Μ	an3
			-	cknowledgement, or rejection (the actior of the subject interchange. This level and all lower levels rejected		n) of a subject
				The corresponding referenced-level an	d all	its lower
				referenced-levels are rejected. One or		
				reported at this reporting-level or a low level.		porting-
			7	This level acknowledged, next lower lo acknowledged if not explicitly rejected		
				The corresponding referenced-level is All messages or functional groups at the referenced-level are acknowledged exc	ackno ne nex	t lower
				explicitly reported as rejected at the ne	-	
				reporting-level in this CONTRL messa	ige.	
			8	Interchange received		
	0085		Syntax error, code	Indication of interchange receipt	С	an3
			A code indicating th		C	
	0135		Service segment ta		С	a3
			Code identifying a s	_		
	S011		Data Element Iden	tification	С	
			position of a simple	position for an erroneous data element. or composite data element in the definit ement in the definition a composite data	ion o	f a segment or
		0098	Erroneous data ele	ment position in segment.	Μ	n3
		0104	The segment code a defined in the segment tag has	-	lata e	lement
		0104	_	ent data element position t position of the component data elemen	-	
				nent position defined in the composite d		
				ise the count to be incremented. The co		
		0136	Erroneous data ele		С	n6
X 7	0504		element in error. Ea shall cause the coun	rrence of the repeating stand-alone or co ach occurrence (as indicated by the repeat t to be incremented. The count starts at	tition 1.	separator)
X	0534		Security reference		С	An14
X	0138		-	mber assigned by the security originator security trailer groups.	r to a	n6
2	0130		• • •	t position of a specific security segment		
			actual received secu security reference no segment as segment	rity header/trailer segment group pair, id umber. The numbering starts with, and in number 1. To identify a security segmen- herical count position of that security seg	dentif nclud nt tha	ied by its es, the USH t contains an
				ent is missing, this is the numerical cour t that was processed before the position		

security segment was expected to be. A missing security segment group is denoted by identifying the first segment in the security segment group as missing.

Segment:	UCM Message Response
Position:	030
Group:	Segment Group 1 Conditional
Level:	1
Usage:	Mandatory
Max Use:	1
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.
Syntax Notes: Semantic Notes: Comments:	
Notes:	All elements contained within this Segment were extracted from the UNH Segment of the originating message.
	UCM+640001+DELFOR:D:97A:UN+7'

				ement Summary	
	Data	Componen			
	<u>Element</u>	<u>Element</u>	Name		tributes
>>	0062		Message reference number		an14
			Unique message reference	assigned by the sender.	
>>	S009		Message Identifier	Μ	
			Identification of the type, w	ersion etc. of the message being inte	rchanged.
>>		0065	Message type identifier	Μ	an6
			Code identifying a type of	message and assigned by its controlli	ng agency.
>>		0052	Message type version nur	nber M	an3
			Version number of a messa	ge type.	
>>		0054	Message type release nun	iber M	an3
			• • •	current message type version numbe	r (0052).
>>		0051	Controlling agency	М	
				y controlling the specification, maint	enance and
			publication of the message		
X		0057	Association assigned code	e C	an6
			Code, assigned by the asso	ciation responsible for the design and	l maintenance
			••••	ned, which further identifies the mes	sage.
X		0110	Code list directory versio		an6
			Version number of the cod	e list directory.	
X		0113	Message type sub-functio	n identification C	an6
			Code identifying a sub-fund	ction of a message type.	
>>	0083		Action, coded	Μ	an3
			A code indicating acknowl	edgement, or rejection (the action tak	ten) of a subject
			interchange, or part of the		
			4 This l	evel and all lower levels rejected	
				orresponding referenced-level and al	
				nced-levels are rejected. One or mo	
			-	ted at this reporting-level or a lower	reporting-
			7 level. 7 This l	aval asknowladgad, navt lower laws	
				evel acknowledged, next lower level wledged if not explicitly rejected	
				orresponding referenced-level is ack	nowledged
				essages or functional groups at the n	
			All III	essages of functional groups at the li	CAT IOWCI

			referenced-level are acknowledged exc explicitly reported as rejected at the ne	-	
			reporting-level in this CONTRL messa		wei
X	0085		Syntax error, coded	C	an3
			A code indicating the error detected.		
X	0135		Service segment tag, coded	С	a3
			Code identifying a service segment		
X	S011		Data Element Identification	С	
X		0098	Identification of the position for an erroneous data element. position of a simple or composite data element in the definit a component data element in the definition a composite data Erroneous data element position in segment.	tion o	of a segment or
			The numerical count position of the simple or composite dat The segment code and each following simple or composite of defined in the segment description shall cause the count to b The segment tag has position number 1.	data e	element
Х		0104	Erroneous component data element position	С	n3
			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.		
Х		0136	Erroneous data element occurrence	С	n6
			The numerical occurrence of the repeating stand-alone or co element in error. Each occurrence (as indicated by the repea- shall cause the count to be incremented. The count starts at	tition 1.	separator)
X	0800		Package reference number	С	an35
			Unique package reference number assigned by the sender.	~	
X	S020		Reference identification	С	
**		0010	Identification of the reference relating to the object.	a	
Х		0813	Reference qualifier	С	an3
			Code giving specific meaning to a reference identification number.		
X		0802	Reference identification number	С	an35
			Reference number to identify a message, message group		
x	0534		and/or interchange, which relates to the object. Security reference number	С	An14
2	0554		Unique reference number assigned by the security originator		
			security header and security trailer groups.	0 u	puil of
Χ	0138		Security segment position	С	n6
			The numerical count position of a specific security segment actual received security header/trailer segment group pair, ic security reference number. The numbering starts with, and is segment as segment number 1. To identify a security segment error, this is the numerical count position of that security seg that a security segment is missing, this is the numerical cour last security segment that was processed before the position security segment was expected to be. A missing security seg denoted by identifying the first segment in the security segment missing.	dentif nclud nt tha gmen nt pos wher gment	fied by its les, the USH at contains an t. To report dition of the re the missing group is

Segment: Position: Group: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	040 Segment 2 Mandator 1 To identi complete This Seg 4 - reject UCS+3'	Group 2 ry fy either a se segment. ment will onl ed. (Data eleme	Error Indication Conditional gment containing an error or a missing segmen ly be used when the UCM Segment/data element ent error - additional information in UCD Segment	nt 0083 is value	ror related to the
	003+3+	15 (Segmen	t error - syntax error included in this segment)		
			Data Element Summary		
Data <u>Element</u>	Component Element			<u>Attributes</u>	
<u>0096</u>	Element		osition in message	M n6	
0085		received me as segment numerical c this is the m before the p	cal count position of a specific segment that is essage. The numbering starts with, and includes number 1. To identify a segment that contains a count position of that segment. To report that a umerical count position of the last segment that position where the missing segment was expected oup is denoted by identifying the first segment is or, coded	s, the UNH segment an error, this is the segment is missing, t was processed ed to be. A missing	
		-	cating the error detected.		
		This element element. 13 15 35 36	nt will only occur if the error is related to a segree Missing Notification that a mandatory (or oth service or user segment, data element element or component data element i Not supported in this position Notification that the recipient does not the segment type, simple data element data element type or component data specific in the identified position. Too many segment repetitions Notification that a segment was repea- times. Too many segment group repetitions Notification that a segment group is n times.	erwise required) t, composite data s missing. ot support use of at type, composite element type in the ated too many	

>>

UCD Data Element Error Indication

Conditional

Segment: **Position:** Group: Level: Usage: Max Use: **Purpose:** Syntax Notes: Semantic Notes: **Comments:** Notes:

This segment will only occur if the error is related to an element rather than a segment.

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

UCD+13+4'

050

3

1

Segment Group 2

Conditional

	Data	Component		·	
>>	<u>Element</u> 0085	<u>Element</u>	<u>Name</u> Syntax error, code	4	<u>Attributes</u> M an3
//	0005		A code indicating th		
			12	Invalid value	
			13	Notification that the value of a simple of composite data element or component of not conform to the relevant specification Missing	data element does
			16	Notification that a mandatory (or other service or user segment, data element, o element or component data element is n Too many constituents	composite data
			37	Notification that the identified segment many data elements or that the identified element contained too many componen Invalid type of character(s)	ed composite data
			39	Notification that one or more numeric of used in an alphabetic (component) data one or more alphabetic characters were numeric (component) data element. Data element too long	element or that
			40	Notification that the length of the data of exceeded the maximum length specified element description. Data element too short	
				Notification that the length of the data of is shorter than the minimum length specelement description.	
>>	S011		Data Element Iden	tification	Μ
			position of a simple	position for an erroneous data element. or composite data element in the definiti ement in the definition a composite data	ion of a segment or

0098	Erroneous data element position in segment.	Μ	n3					
	The numerical count position of the simple or compo	osite data eler	ment 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	С	n3					
	The numerical count position of the component data component data element position defined in the comp description shall cause the count to be incremented.	posite data el	ement					
0136	Erroneous data element occurrence	C	n6					
	The numerical occurrence of the repeating stand-alon element in error. Each occurrence (as indicated by the shall cause the count to be incremented. The count st	he repetition						

>>

U U I Functional Group Response	UCF	Functional	Group	Response
--	-----	------------	-------	----------

U		
Position:	060	
Group:	Segment Group 3	Conditional
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify a function	onal group in the s
	taken) of the UNG a	and UNE segment
		1 1 1 1

subject interchange and to indicate acknowledgement or rejection (action its, and to identify any error related to these segments. Depending on the action code, it may also indicate the action taken on the messages within that functional group.

Syntax Notes: Semantic Notes: **Comments:**

Notes:

Segment:

UCF+0000000000004+BFT:ZZ+MZ7:ZZ+7'

	Data	Componer	t		
	Element	Componen <u>Element</u>	Name	A ##	ributes
>>	0048	<u>Element</u>	Functional group reference number	M	an14
			Reference number for the functional group assigned by and u		
			sender's division, department etc.	inqu	e wrunn the
>>	S006		Application sender's identification	Μ	
			Identification of the sender's division, department etc. from v messages is sent.	vhich	a group of
>>		0040	Application sender's identification	Μ	an35
			Name or code identifying the originating division, departmer sender's organization.	nt etc	. within the
		0007	Partner identification code qualifier	С	an4
			Qualifier referring to the source of codes for the identifiers o partners.	f inte	erchanging
>>	S007		Application recipients identification	Μ	
			Identification of the recipient's division, department etc. for v messages is intended.	whicl	h a group of
>>		0044	Application recipient's identification	М	an35
			Name or code identifying the division, department etc. within	n the	recipient's
			organization for which the group of messages is intended.		
		0007	Partner identification code qualifier	С	an4
			Qualifier referring to the source of codes for the identifiers o partners.	f inte	erchanging
>>	0083		Action, coded	Μ	an3
			A code indicating acknowledgement, or rejection (the action interchange, or part of the subject interchange. 7 This level acknowledged, next lower level acknowledged if not explicitly rejected The corresponding referenced-level is a All messages or functional groups at the referenced level are acknowledged are	vel ickno e nex	owledged. tt lower
			referenced-level are acknowledged exce explicitly reported as rejected at the new reporting level in this CONTRL message	kt lov	
X	0085		reporting-level in this CONTRL message Syntax error, coded	c C	an3
4 B	0000		A code indicating the error detected.	C	u

			Refer to 93.1 Data Element Dictionary for acceptable code	value	s.
X	0135		Service segment tag, coded	С	An3
			Code identifying a service segment		
Χ	S011		Data Element Identification	С	
			Identification of the position for an erroneous data element.	This	can be the
			position of a simple or composite data element in the definit a component data element in the definition a composite data		-
X		0098	Erroneous data element position in segment.	Μ	n3
			The numerical count position of the simple or composite da The segment code and each following simple or composite of defined in the segment description shall cause the count to b The segment tag has position number 1.	data e	element
Х		0104	Erroneous component data element position	С	n3
		0136	The numerical count position of the component data element component data element position defined in the composite of description shall cause the count to be incremented. The co Erroneous data element occurrence	lata e	lement
X	0534		The numerical occurrence of the repeating stand-alone or co element in error. Each occurrence (as indicated by the repeating shall cause the count to be incremented. The count starts at Security reference number	tition	site data
Λ	0334		-	-	
			Unique reference number assigned by the security originator security header and security trailer groups.	r to a	pair of
X	0138		Security segment position	С	n6
			The numerical count position of a specific security segment actual received security header/trailer segment group pair, is security reference number. The numbering starts with, and is segment as segment number 1. To identify a security segment error, this is the numerical count position of that security seg that a security segment is missing, this is the numerical cour last security segment that was processed before the position security segment was expected to be. A missing security seg denoted by identifying the first segment in the security segment	dentif nclud nt tha gment nt pos wher gment	Tied by its es, the USH t contains an t. To report ition of the re the missing group is
			missing.		

Segment:	UCM Message Response
Position:	070
Group:	Segment Group 4 Conditional
Level:	2
Usage:	Mandatory
Max Use:	1
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.
Syntax Notes: Semantic Notes: Comments:	
Notes:	All elements contained within this Segment were extracted from the UNH Segment of the originating message.
	UCM+640001+DELFOR:D:97A:UN+7'

		Data Element Summary					
	Data	Componen					
	<u>Element</u>	<u>Element</u>	<u>Name</u>		<u>ributes</u>		
>>	0062		Message reference number	Μ	an14		
			Unique message reference assigned by the sender.				
>>	S009		Message Identifier	Μ			
			Identification of the type, version etc. of the message bei	ing interc	changed.		
>>		0065	Message type identifier	Μ	an6		
			Code identifying a type of message and assigned by its c	ontrollin	g agency.		
>>		0052	Message type version number	Μ	an3		
			Version number of a message type.				
>>		0054	Message type release number	Μ	an3		
			Release number within the current message type version	number	(0052).		
>>		0051	Controlling agency	Μ	an2		
			Code identifying the agency controlling the specification	n, mainte	nance and		
			publication of the message type.				
X		0057	Association assigned code	С	an6		
			Code, assigned by the association responsible for the des	-			
		0110	of the message type concerned, which further identifies t		-		
X		0110	Code list directory version number	С	an6		
			Version number of the code list directory.		_		
X		0113	Message type sub-function identification	С	an6		
			Code identifying a sub-function of a message type.				
>>	0083		Action, coded	Μ	an3		
			A code indicating acknowledgement, or rejection (the ac	tion take	en) of a subject		
			interchange, or part of the subject interchange.	- 4 - J			
			4 This level and all lower levels reject		· . 1		
			The corresponding referenced-leve				
			referenced-levels are rejected. One or more errors are reported at this reporting-level or a lower reporting-				
			level.				
			7 This level acknowledged, next low	er level			
			acknowledged if not explicitly rejea	cted			
			The corresponding referenced-leve		-		
			All messages or functional groups a	at the nex	xt lower		

			referenced-level are acknowledged except those				
			explicitly reported as rejected at the next lower				
			reporting-level in this CONTRL messa	ige.			
X	0085		Syntax error, coded	С	an3		
			A code indicating the error detected.				
X	0135		Service segment tag, coded	С	a3		
			Code identifying a service segment				
X	S011		Data Element Identification	С			
			Identification of the position for an erroneous data element. position of a simple or composite data element in the definit a component data element in the definition a composite data	tion of	f a segment or		
Χ		0098	Erroneous data element position in segment.	Μ	n3		
			The numerical count position of the simple or composite da The segment code and each following simple or composite of defined in the segment description shall cause the count to b The segment tag has position number 1.	data e	lement		
X		0104	Erroneous component data element position	С	n3		
			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: Position: Group: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	080 Segment 3 Mandator 1 To identit complete This Segr 4 - rejecto	Group 5 ry fy either a se segment. ment will onl ed.	Error Indication Conditional gment containing an error or a missing segment ly be used when the UCM Segment/data elemer ent error - additional information in UCD Segm	nt 0083 is value	any error related to the
			t error - syntax error included in this segment))	
			Data Element Summary		
Data	Component	t			
<u>Element</u>	<u>Element</u>		.,	<u>Attributes</u>	
0096		-	osition in message cal count position of a specific segment that is	M n6	
0097	s, the UNH segme an error, this is the segment is missin t was processed ed to be. A missin in the group as	e ng,			
0085		Syntax err		C an3	
			cating the error detected.		
		element.	nt will only occur if the error is related to a seg	ment rather than a	n
		13	Missing Notification that a mandatory (or othe service or user segment, data element element or component data element is Not supported in this position	, composite data	
		35	Notification that the recipient does not the segment type, simple data elemen data element type or component data specific in the identified position. Too many segment repetitions	it type, composite	
			Notification that a segment was repeatimes.	ated too many	
		36	Too many segment group repetitions		
			Notification that a segment group is r times.	repeated to many	

UCD Data Element Error Indication

Conditional

Segment: **Position:** Group: Level: Usage: Max Use: **Purpose:** Syntax Notes: Semantic Notes: **Comments:** Notes:

This segment will only occur if the error is related to an element rather than a segment.

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

UCD+13+4'

090

4

99

Segment Group 5

Conditional

	Data	Componen	t		
	Element	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
>>	0085		Syntax error, coded		M an3
			A code indicating the		
			12	Invalid value	
			12	Notification that the value of a simple of composite data element or component of not conform to the relevant specification	lata element does
			13	Missing	
			16	Notification that a mandatory (or otherw service or user segment, data element, or element or component data element is r Too many constituents	composite data
			37	Notification that the identified segment many data elements or that the identifie element contained too many component Invalid type of character(s)	d composite data
			39	Notification that one or more numeric c used in an alphabetic (component) data one or more alphabetic characters were numeric (component) data element. Data element too long	element or that
			40	Notification that the length of the data e exceeded the maximum length specified element description. Data element too short	
			10	Notification that the length of the data e is shorter than the minimum length spec element description.	
>>	S011		Data Element Ident	ification	Μ
			position of a simple	position for an erroneous data element. or composite data element in the definiti ement in the definition a composite data	on of a segment or

>>		0098	Erroneous data element position in segment.	Μ	n3
			The numerical count position of the simple or composite da The segment code and each following simple or composite of defined in the segment description shall cause the count to b	data e	element
			The segment tag has position number 1.	~	
X		0104	Erroneous component data element position	C	n3
			The numerical count position of the component data element component data element position defined in the composite of description shall cause the count to be incremented. The co	lata el	lement
X		0136	Erroneous data element occurrence	C C	n6
		0100	The numerical occurrence of the repeating stand-alone or co element in error. Each occurrence (as indicated by the repeating shall cause the count to be incremented. The count starts at	ompos tition 1.	site data separator)
X	0800		Package reference number	С	an35
			Unique package reference number assigned by the sender.		
X	S020		Reference identification	С	
			Identification of the reference relating to the object.		
Χ		0813	Reference qualifier	С	an3
			Code giving specific meaning to a reference identification number.		
Х		0802	Reference identification number	С	an35
			Reference number to identify a message, message group and/or interchange, which relates to the object.		
X	0534		Security reference number	С	An14
			Unique reference number assigned by the security originato	r to a	pair of
X	0138		security header and security trailer groups.	С	n6
Λ	0138		Security segment position		
			The numerical count position of a specific security segment actual received security header/trailer segment group pair, ic security reference number. The numbering starts with, and it segment as segment number 1. To identify a security segment error, this is the numerical count position of that security seg- that a security segment is missing, this is the numerical cour- last security segment that was processed before the position security segment was expected to be. A missing security seg- denoted by identifying the first segment in the security segment missing.	dentif nclud nt tha gment nt pos wher gment	ied by its es, the USH t contains an t. To report ition of the e the missing group is

Segment:	UNT Message Trailer
Position:	100
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To end and check the completeness of a Message
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	UNT+5+0001'

	Data	Component			
	<u>Element</u>	Element	Name	Att	<u>ributes</u>
>>	0074		Number of segments in a message	Μ	n10
			Control count of number of segments in a message.		
>>	0062		Message reference number	Μ	an14
			Unique message reference assigned by the sender.		

EXAMPLES

Example #1 – Interchange Acknowledged (Interchange contained 2 UN/EDIFACT messages)

UNB+UNOA:2+J:ZZ+P:ZZ+980529:1639+0000000000065' UNH+0001+CONTRL:2:2:UN' UCI+000000000064+BFT+MZ7+7' UCM+640001+DELFOR:D:97A:UN+7' UCM+640002+DELFOR:D:97A:UN+7' UNT+5+0001' UNZ+1+000000000065'

Example #2 - 4 Message Interchange/ 1 Message Rejected Segment Error

UNB+UNOA:2+J:ZZ+P:ZZ+980603:1639+0000000000011' UNH+0002+CONTRL:2:2:UN' UCI+54321+BFT+MZ7+7' UCM+5324+DELFOR:D:97A:UN+7' UCM+5353+DELFOR:D:97A:UN+7' UCM+1167+DELFOR:D:97A:UN+4' UCS+3+13' UCM+53346+DELFOR:D:97A:UN+7' UNT+7+0002' UNZ+1+000000000611'

Example #3 - 3 Message Interchange/ 1 Message Rejected Data Element Error

UNB+UNOA:2+J:ZZ+P:ZZ+980601:1639+0000000210611' UNH+0003+CONTRL:2:2:UN' UCI+12345+BFT:ZZ+MZ7:ZZ+7' UCM+2224+DELFOR:D:97A:UN+7' UCM+1168+DELFOR:D:97A:UN+4' UCS+3' UCD+13+4' UCM+3340+DELFOR:D:97A:UN+7' UNT+7+0003' UNZ+1+0000000210611'

Example #4 – Functional Group Example

UNB+UNOA:2+BFT:01+MZ7:01+980612:1528+000000000007' UNG+CONTRL+BFT:01+MZ7:01+980612:1528+0000000000007+UN+D:97A' UNH+70001+CONTRL:D:97A:UN' UCI+000000000004+BFT:ZZ+MZ7:ZZ+7' UCF+0000000000004+BFT:ZZ+MZ7:ZZ+7' UCM+40001+DELFOR:D:97A:UN+7' UNT+4+70001' UNE+1+000000000007' UNZ+1+000000000007'

CONTRL Guideline Change Log

ltem Number	Segment	Composite Code	Component	Code Values	Detail of Change
98.1.1	UCI		0083	8	Added code value "8" – Interchange received. This code is sent to acknowledge the receipt and acceptance of an the complete interchange.
98.1.2	UNH				Numerous data elements and composite data elements were added as a result of the use of syntax version '4'. At this time GM only plans to adjust the size parameters for the modified data elements, but does NOT plan to utilize the data elements that were added to the segment.
99.2.1	UNH	S009	0057 (second occurrence)		Replace 0057 with data element 0113. Documentation was based on preliminary draft release information. This data element will remain "X" - not used.
99.2.2	UCI	S002	0042		Add data element 0042 - 'Interchange sender internal sub-identification' to composite service segment S002.
99.2.3	UCI	S003	0046		Add data element 0046 - 'Interchange recipient internal sub-identification' to composite service segment S003.
99.2.4	UCI UCM UCF		0013		Replace data element 0013 with data element number 0135. This appears to have been a typographical error.
99.2.5	UCI UCF	0534 0138			Add these segments to the end of the UCF Segment. 0534 - Security ref. No. 0138 - Security segment position.
99.2.6	UCM	S009	0110 0113		Add data elements 0110 - 'Code list directory version number' and 0113 - ' Message type sub-function identification' to service composite data element S009/
99.2.7	UCI UCM UCD UCF	S011	0136		Add data elements 0136 - 'Erroneous data element occurrence' to service composite data element S011.
99.2.8	UCM	0800 S020 0534 0138			Add these segments to the end of the UCM Segment. 0800 - Pkg. Ref. No., S020 - Ref. Id 0534 - Security ref. No. 0138 - Security segment position.
99.2.9	UNT	0074			Revise the field size from n6 to n10