



# INTTRA eVGM Service From Carrier/Terminal to INTTRA

February 6, 2017

Implementation Guide for:  
**CONTRL** (In response to a VERMAS Transaction)  
**EDIFACT Version D Release 99B**

**User Guide**  
**Version 1.1**



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## I. Audience

This document is intended for business, technical and EDI personnel engaged in electronic connection with INTTRA for the purpose of receiving an EDI CONTRL (technical acknowledgement) transaction in response to an EDI VERMAS transaction.

The following sections provide information regarding General Conventions, Message Flow, and Message Specifications. Additional reference guides for purposes of establishing Internet based file exchange are also identified.

## II. Business Process Rules

Message is used to support the delivery to Carrier/Terminals the CONTRL transaction as an acknowledgment.

1. Carrier/Terminal receives EDI VERMAS transaction, performs syntax validation.
2. Carrier/Terminal sends the CONTRL message to INTTRA.

## III. General Conventions

### A. Implementation

Version 1.0 of the INTTRA CONTRL Message represents the EDI transaction format by which Carrier/Terminal reports transaction syntax errors and to acknowledge receipt of the VERMAS transaction.

All examples of Segment data are provided as guides only and not to be taken literally.

The Segment/Element Attributes in this document are defined as:

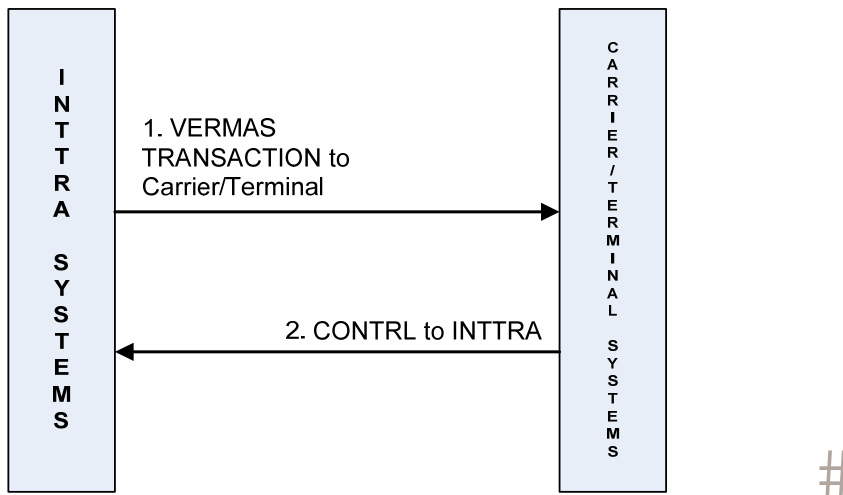
M= Mandatory

O= Optional

C= Conditional



## IV. Message Flow



1. INTTRA sends a VERMAS Transaction to Carrier/Terminal.
2. Carrier/Terminal sends CONTRL to INTTRA.

## V. CONTRL Message Revision History

### A. Changes from version 1.0 (August 5, 2016) to version 1.1 (February 6, 2017)

0005-UNB S004, 0017 (Date) reduced size from 8 to 6.



## VI. CONTRL Message Specification

### A. Message Hierarchy

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
6	0005	UNB	Interchange Header	M	1		
8	0010	UNH	Message Header	M	1		
11	0020	UCI	Interchange Response	M	1		
	0030		Segment Group 1: UCM-SG2	O		1	
14	0040	UCM	Message/Package Response	M	1		
	0050		Segment Group 2: UCS-UCD	O		999	
18	0060	UCS	Segment Error Indication	M	1		
19	0070	UCD	Data Element Error Indication	O	99		
Not Used	0080		Segment Group 3: UCF-SG4	C		999999	
Not Used	0090	UCF	Group Response	M	1		
Not Used	0100		Segment Group 4: UCM-SG5	C		999999	
Not Used	0110	UCM	Message/Package Response	M	1		
Not Used	0120		Segment Group 5: UCS-UCD	C		999	
Not Used	0130	UCS	Segment Error Indication	M	1		
Not Used	0140	UCD	Data Element Error Indication	C	99		
20	0150	UNT	Message Trailer	M	1		
21	0160	UNZ	Interchange Trailer	M	1		



**Segment:** UNB Interchange Header  
**Position:** 0005  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify an interchange.  
**Semantic Notes:**  
**Comments:**  
**Notes:** UNB+UNOC:3+EDI\_ID:ZZZ+INTTRA:ZZZ+160621:1435+2701

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
S001		<b>SYNTAX IDENTIFIER</b>	M	1
		Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.		
	0001	<b>Syntax identifier</b>	M	a4
		Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.		
		Accepted Value:		
		UNOC UN/ECE level C		
		As defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1.		
	0002	<b>Syntax version number</b>	M	an1
		Version number of the syntax.		
		Accepted Values:		
		1 Version 1		
		ISO 9735:1988.		
		2 Version 2		
		ISO 9735:1990.		
		3 Version 3		
		ISO 9735 Amendment 1:1992.		
Not Used	0080	<b>Service code list directory version number</b>	C	an..6
Not Used	0133	<b>Character encoding, coded</b>	C	an..3
	S002	<b>INTERCHANGE SENDER</b>	M	1
		Identification of the sender of the interchange.		
	0004	<b>Interchange sender identification</b>	M	an..35
		Name or coded identification of the sender of the interchange.		
	0007	<b>Identification code qualifier</b>	O	an..4
		Qualifier referring to the identification code.		
		Accepted Value:		
		ZZZ Mutually defined		
Not Used	0008	<b>Interchange sender internal identification</b>	C	an..35
Not Used	0042	<b>Interchange sender internal sub-identification</b>	C	an..35
	S003	<b>INTERCHANGE RECIPIENT</b>	M	1



		Identification of the recipient of the interchange.		
	<b>0010</b>	<b>Interchange recipient identification</b>	<b>M</b>	<b>an..35</b>
		Name or coded identification of the recipient of the interchange.		
		Accepted Value:		
		INTRA		
	<b>0007</b>	<b>Identification code qualifier</b>	<b>O</b>	<b>an..4</b>
		Qualifier referring to the identification code.		
		Accepted Value:		
		ZZZ Mutually defined		
Not Used	<b>0014</b>	<b>Interchange recipient internal identification</b>	<b>C</b>	<b>an..35</b>
Not Used	<b>0046</b>	<b>Interchange recipient internal sub-identification</b>	<b>C</b>	<b>an..35</b>
	<b>S004</b>	<b>DATE AND TIME OF PREPARATION</b>	<b>M</b>	<b>1</b>
		Date and time of preparation of the interchange.		
	<b>0017</b>	<b>Date</b>	<b>M</b>	<b>n6</b>
		Local date when an interchange or a group was prepared.		
	<b>0019</b>	<b>Time</b>	<b>M</b>	<b>n4</b>
		Local time of day when an interchange or a group was prepared.		
	<b>0020</b>	<b>INTERCHANGE CONTROL REFERENCE</b>	<b>M</b>	<b>1 an..14</b>
		Unique reference assigned by the sender to an interchange.		
Not Used	<b>S005</b>	<b>RECIPIENT REFERENCE/PASSWORD DETAILS</b>	<b>C</b>	<b>1</b>
		Reference or password as agreed between the communicating partners.		
Not Used	<b>0022</b>	<b>Recipient reference/password</b>	<b>M</b>	<b>an..14</b>
		Reference or password to the recipient's system or to a third party network as specified in the partners' interchange agreement.		
Not Used	<b>0025</b>	<b>Recipient reference/password qualifier</b>	<b>C</b>	<b>an2</b>
		Qualifier for the recipient's reference or password.		
		Refer to 8TBM Data Element Dictionary for acceptable code values.		
	<b>0026</b>	<b>APPLICATION REFERENCE</b>	<b>O</b>	<b>1 an..14</b>
		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.		
Not Used	<b>0029</b>	<b>PROCESSING PRIORITY CODE</b>	<b>C</b>	<b>1 a1</b>
		Refer to 8TBM Data Element Dictionary for acceptable code values.		
	<b>0031</b>	<b>ACKNOWLEDGEMENT REQUEST</b>	<b>O</b>	<b>1 n1</b>
		Code requesting acknowledgement for the interchange.		
		Refer to 8TBM Data Element Dictionary for acceptable code values.		
Not Used	<b>0032</b>	<b>INTERCHANGE AGREEMENT IDENTIFIER</b>	<b>C</b>	<b>1 an..35</b>
	<b>0035</b>	<b>TEST INDICATOR</b>	<b>O</b>	<b>1 n1</b>
		Indication that the structural level containing the test indicator is a test.		
		Refer to 8TBM Data Element Dictionary for acceptable code values.		



**Segment:** UNH Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for Syntax and service report message is CONTRL.

**Semantic Notes:**

**Comments:**

**Notes:** UNH+3948+CONTRL:D:99B:UN

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M 1 an..14
S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version, etc. of the message.	M 1
0065		<b>Message type</b> Code identifying a type of message and assigned by its controlling agency. Accepted Value: CONTRL Syntax and service report message Message syntactically acknowledging or rejecting, with error indication, a received interchange, functional group or message.	M an..6
0052		<b>Message version number</b> Version number of a message type. Will also accept versions "4" and "2" Accepted Value: D Draft version Message approved and issued as a draft message. (Valid for directories published after March 1993)	M an..3
0054		<b>Message release number</b> Release number within the current message version number. Will also accept release "1" Accepted Value: 99B Release 1999 - B	M an..3
0051		<b>Controlling agency, coded</b> Code identifying a controlling agency. Accepted Value: UN UN/ECE/TRADE/WP.4 United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	M an..3





Not Used		<b>0057</b>	<b>Association assigned code</b>	<b>C</b>	<b>an..6</b>
Not Used		<b>0110</b>	<b>Code list directory version number</b>	<b>C</b>	<b>an..6</b>
Not Used		<b>0113</b>	<b>Message type sub-function identification</b>	<b>C</b>	<b>an..6</b>
Not Used	<b>0068</b>		<b>COMMON ACCESS REFERENCE</b>	<b>C</b>	<b>1 an..35</b>
Not Used	<b>S010</b>		<b>STATUS OF THE TRANSFER</b>	<b>C</b>	<b>1</b>
			Statement that the message is one in a sequence of transfers relating to the same topic.		
Not Used		<b>0070</b>	<b>Sequence of transfers</b>	<b>M</b>	<b>n..2</b>
			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.		
Not Used		<b>0073</b>	<b>First and last transfer</b>	<b>C</b>	<b>a1</b>
			Indication used for the first and last message in a sequence of messages related to the same topic.		
			Refer to 8TBM Data Element Dictionary for acceptable code values.		
Not Used	<b>S016</b>		<b>MESSAGE SUBSET IDENTIFICATION</b>	<b>C</b>	<b>1</b>
			To identify a message subset by its identifier, version, release and source.		
Not Used		<b>0115</b>	<b>Message subset identification</b>	<b>M</b>	<b>an..14</b>
			Coded identification of a message subset, assigned by its controlling agency.		
Not Used		<b>0116</b>	<b>Message subset version number</b>	<b>C</b>	<b>an..3</b>
			Version number of the message subset.		
Not Used		<b>0118</b>	<b>Message subset release number</b>	<b>C</b>	<b>an..3</b>
			Release number within the message subset version number.		
Not Used		<b>0051</b>	<b>Controlling agency, coded</b>	<b>C</b>	<b>an..3</b>
			Code identifying a controlling agency.		
			Refer to 8TBM Data Element Dictionary for acceptable code values.		
Not Used	<b>S017</b>		<b>MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION</b>	<b>C</b>	<b>1</b>
			To identify a message implementation guideline by its identifier, version, release and source.		
Not Used		<b>0121</b>	<b>Message implementation guideline identification</b>	<b>M</b>	<b>an..14</b>
			Coded identification of the message implementation guideline, assigned by its controlling agency.		
Not Used		<b>0122</b>	<b>Message implementation guideline version number</b>	<b>C</b>	<b>an..3</b>
			Version number of the message implementation guideline.		
Not Used		<b>0124</b>	<b>Message implementation guideline release number</b>	<b>C</b>	<b>an..3</b>
			Release number within the message implementation guideline version number.		
Not Used		<b>0051</b>	<b>Controlling agency, coded</b>	<b>C</b>	<b>an..3</b>
			Code identifying a controlling agency.		
			Refer to 8TBM Data Element Dictionary for acceptable code values.		
Not Used	<b>S018</b>		<b>SCENARIO IDENTIFICATION</b>	<b>C</b>	<b>1</b>
			To identify a scenario.		
Not Used		<b>0127</b>	<b>Scenario identification</b>	<b>M</b>	<b>an..14</b>
			Code identifying scenario.		
Not Used		<b>0128</b>	<b>Scenario version number</b>	<b>C</b>	<b>an..3</b>
			Version number of a scenario.		



<b>Not Used</b>	<b>0130</b>	<b>Scenario release number</b> Release number within the scenario version number.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>	<b>0051</b>	<b>Controlling agency, coded</b> Code identifying a controlling agency. Refer to 8TBM Data Element Dictionary for acceptable code values.	<b>C</b>	<b>an..3</b>



**Segment:** UCI Interchange Response  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the interchange being responded to (the subject interchange). It also indicates interchange receipt, acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and identifies any error related to these segments

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

**Notes:** UCI+209117+INTTRA:ZZZ+EDI\_ID:ZZZ+7  
 or  
 UCI+209117+INTTRA+EDI\_ID+4  
 or  
 UCI+209117+INTTRA+EDI\_ID+1

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
		<b>INTERCHANGE CONTROL REFERENCE</b>	M	1 an..14
		Unique reference assigned by the sender to an interchange.		
		The Interchange control reference of the submitted VERMAS transaction.		
	<b>S002</b>	<b>INTERCHANGE SENDER</b>	M	1
		Identification of the sender of the interchange.		
	<b>0004</b>	<b>Interchange sender identification</b>	M	an..35
		Name or coded identification of the sender of the interchange.		
	<b>0007</b>	<b>Identification code qualifier</b>	O	an..4
		Qualifier referring to the identification code.		
		Accepted Value:		
		ZZZ Mutually defined		
Not Used	<b>0008</b>	<b>Interchange sender internal identification</b>	C	an..35
Not Used	<b>0042</b>	<b>Interchange sender internal sub-identification</b>	C	an..35
	<b>S003</b>	<b>INTERCHANGE RECIPIENT</b>	M	1
		Identification of the recipient of the interchange.		
	<b>0010</b>	<b>Interchange recipient identification</b>	M	an..35
		Name or coded identification of the recipient of the interchange.		
	<b>0007</b>	<b>Identification code qualifier</b>	O	an..4
		Qualifier referring to the identification code.		
		Accepted Value:		
		ZZZ Mutually defined		
Not Used	<b>0014</b>	<b>Interchange recipient internal identification</b>	C	an..35
Not Used	<b>0046</b>	<b>Interchange recipient internal sub-identification</b>	C	an..35
	<b>0083</b>	<b>ACTION, CODED</b>	M	1 an..3
		A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.		
		Accepted Values:		



1 Acknowledged (this level and all lower levels)  
 The currently identified interchange is acknowledged

4 This level and all lower levels rejected  
 The corresponding referenced-level and all its lower referenced-levels are rejected. One or more errors are reported at this reporting-level or a lower reporting-level.

7 This level acknowledged and all lower levels acknowledged if not explicitly rejected  
 The corresponding referenced-level is acknowledged. All messages, packages, or groups at the lower referenced-levels are acknowledged except those explicitly reported as rejected at their lower reporting-level in this CONTRL message.

Not Used	0085	<b>SYNTAX ERROR, CODED</b>	C	1	an..3
Not Used	0135	<b>SERVICE SEGMENT TAG, CODED</b>	C	1	an..3
Not Used	S011	<b>DATA ELEMENT IDENTIFICATION</b>	C	1	

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 a composite data element.

Not Used	0098	<b>Erroneous data element position in segment</b>	M	n..3	
----------	------	---	---	------	--

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.

Not Used	0104	<b>Erroneous component data element position</b>	C	n..3	
----------	------	--	---	------	--

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.

Not Used	0134	<b>Erroneous data element occurrence</b>	C	n..6	
----------	------	--	---	------	--

The numerical occurrence of the repeating stand-alone or composite data element in error. Each occurrence (as indicated by the repetition separator) shall cause the count to be incremented. The count starts at 1.



**Group:** UCM Segment Group 1: Message/Package Response  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments sent in response to a message or package in the subject interchange identified in the UCI segment. This segment group shall only be used if the subject interchange does not contain groups.

**Segment Summary**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
0040	UCM	Message/Package Response	M	1	
0050		Segment Group 2: Segment Error Indication	O		999



**Segment:** UCM Message/Package Response  
**Position:** 0040 (Trigger Segment)  
**Group:** Segment Group 1 (Message/Package Response) Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying a message or package in the subject interchange, indicating that message's or package's acknowledgement or rejection (action taken).

**Semantic Notes:**

**Comments:**

**Notes:** UCM+001+VERMAS:D:16A:UN:1.0+7  
 or  
 UCM+001+VERMAS:D:16A:UN:1.0+4  
 or  
 UCM+002+VERMAS:D:16A:UN:0.8+7'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
0062		<b>MESSAGE REFERENCE NUMBER</b>	M	1 an..14
		Unique message reference assigned by the sender.		
S009		<b>MESSAGE IDENTIFIER</b>	M	1
		Identification of the type, version, etc. of the message.		
0065		<b>Message type</b>	M	an..6
		Code identifying a type of message and assigned by its controlling agency.		
		Accepted Value:		
		VERMAS Verified gross mass		
0052		<b>Message version number</b>	M	an..3
		Version number of a message type.		
		Will also accept prior versions		
		Accepted Value:		
		D Draft version		
		Message approved and issued as a draft message. (Valid for directories published after March 1993)		
0054		<b>Message release number</b>	M	an..3
		Release number within the current message version number.		
		Accepted Value:		
		16A Release 2016 A		
0051		<b>Controlling agency, coded</b>	M	an..3
		Code identifying a controlling agency.		
		Accepted Value:		
		UN UN/ECE/TRADE/WP.4		
		United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).		
0057		<b>Association assigned code</b>	M	an..6



Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

Accepted Values:

0.8  
1.0

Not Used		0110	<b>Code list directory version number</b>	C	an..6
Not Used		0113	<b>Message type sub-function identification</b>	C	an..6
	0083		<b>ACTION, CODED</b>	M	1 an..3
A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.					
Accepted Values:					
		4	This level and all lower levels rejected		
			The corresponding referenced-level and all its lower referenced-levels are rejected. One or more errors are reported at this reporting-level or a lower reporting-level.		
		7	This level acknowledged and all lower levels acknowledged if not explicitly rejected		
			The corresponding referenced-level is acknowledged. All messages, packages, or groups at the lower referenced-levels are acknowledged except those explicitly reported as rejected at their lower reporting-level in this CONTRL message.		
Not Used	0085		<b>SYNTAX ERROR, CODED</b>	C	1 an..3
Not Used	0135		<b>SERVICE SEGMENT TAG, CODED</b>	C	1 an..3
Not Used	S011		<b>DATA ELEMENT IDENTIFICATION</b>	C	1
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 a composite data element.					
Not Used		0098	<b>Erroneous data element position in segment</b>	M	n..3
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.					
Not Used		0104	<b>Erroneous component data element position</b>	C	n..3
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.					
Not Used		0134	<b>Erroneous data element occurrence</b>	C	n..6
The numerical occurrence of the repeating stand-alone or composite data element in error. Each occurrence (as indicated by the repetition separator) shall cause the count to be incremented. The count starts at 1.					
Not Used	0800		<b>PACKAGE REFERENCE NUMBER</b>	C	1 an..35
Not Used	S020		<b>REFERENCE IDENTIFICATION</b>	C	99
To identify the reference relating to the object.					
Not Used		0813	<b>Reference qualifier</b>	M	an..3
Code giving specific meaning to a reference identification number. Refer to 8TBM Data Element Dictionary for acceptable code values.					



Not Used

**0802 Reference identification number**

**M an..35**

Reference number to identify a message, message group and/or interchange, which relates to the object.





**Group:** UCS Segment Group 2: Segment Error Indication  
**Position:** 0050  
**Group:** Segment Group 1 (Message/Package Response) Optional (Optional)  
**Level:** 2  
**Usage:** Optional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments sent in response to a segment containing one or more errors, and which was part of the message identified by the UCM segment in segment group 1.

#### Segment Summary

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
0060	UCS	Segment Error Indication	M	1	
0070	UCD	Data Element Error Indication	O	99	



**Segment:** UCS Segment Error Indication  
**Position:** 0060 (Trigger Segment)  
**Group:** Segment Group 2 (Segment Error Indication) Optional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying a segment in the message, indicating that this segment contains an error, and identifying any error related to the complete segment.

**Semantic Notes:**

**Comments:**

**Notes:** UCS+5+13

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0096		SEGMENT POSITION IN MESSAGE	M 1 n..6
		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.	
0085		SYNTAX ERROR, CODED	C 1 an..3
		A code indicating the error detected.	
		Accepted Values:	
		See Appendix 1 Element 0085 syntax error code list	



**Segment:** **UCD** Data Element Error Indication  
**Position:** 0070  
**Group:** Segment Group 2 (Segment Error Indication) Optional (Optional)  
**Level:** 3  
**Usage:** Optional (Optional)  
**Max Use:** 99  
**Purpose:** A segment identifying an erroneous stand-alone, composite or component data element in the segment identified by the UCS segment in segment group 2, and identifying the nature of the error.

**Semantic Notes:**

**Comments:**

**Notes:** UCD+13+3:2

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0085		<b>SYNTAX ERROR, CODED</b> A code indicating the error detected. Accepted Values: See Appendix 1 Element 0085 syntax error code list Refer to 8TBM Data Element Dictionary for acceptable code values.	M 1 an..3
S011		<b>DATA ELEMENT IDENTIFICATION</b> 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 a composite data element.	M 1
	0098	<b>Erroneous data element position in segment</b> 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.	M n..3
	0104	<b>Erroneous component data element position</b> 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.	C n..3
	0134	<b>Erroneous data element occurrence</b> The numerical occurrence of the repeating stand-alone or composite data element in error. Each occurrence (as indicated by the repetition separator) shall cause the count to be incremented. The count starts at 1.	C n..6



**Segment:** **UNT** Message Trailer  
**Position:** 0150  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Semantic Notes:**

**Comments:**

**Notes:** UNT+3+3848

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0074		<b>NUMBER OF SEGMENTS IN A MESSAGE</b>	M 1 n..10
		The number of segments in a message, including the message header segment and message trailer segment.	
0062		<b>MESSAGE REFERENCE NUMBER</b>	M 1 an..14
		Unique message reference assigned by the sender.	



**Segment:** UNZ Interchange Trailer  
**Position:** 0160  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange.  
**Semantic Notes:**  
**Comments:**  
**Notes:** UNZ+1+2701

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0036		INTERCHANGE CONTROL COUNT	M 1 n..6
		The number of messages and packages in an interchange or, if used, the number of groups in an interchange.	
0020		INTERCHANGE CONTROL REFERENCE	M 1 an..14
		Unique reference assigned by the sender to an interchange.	



## VII. APPENDIX 1 – SYNTAX ERROR CODES

### A. Element 0085 Syntax Error Code List

Code	Description
2	Syntax version or level not supported
7	Interchange recipient not actual recipient
12	Invalid value
13	Missing
14	Value not supported in this position
15	Not supported in this position
16	Too many constituents
17	No agreement
18	Unspecified error
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
28	References do not match
29	Control count does not match number of instances received
30	Groups and messages/packages mixed
32	Lower level empty
33	Invalid occurrence outside message, package, or group
35	Too many repetitions
36	Too many segment group repetitions
37	Invalid type of character(s)
39	Data element too long
40	Data element too short
44	Trailing separator
45	Character set not supported
46	Envelope functionality not supported
70	Transaction set missing or invalid transaction set identifier
71	Transaction set or group control number mismatch
72	Unrecognized segment ID
74	Too few segment group repetitions



75	Too few segment repetitions
76	Too few data elements found

## VIII.APPENDIX 2 – CONTRL TRANSACTION EXAMPLES

### A. Interchange Level Acknowledgment (Acknowledged)

UNB+UNOC:3+CARRIER\_ID:ZZZ+INTTRA:ZZZ+160605:0400+309401'  
 UNH+001+CONTRL:D:99B:UN'  
 UCI+423401+ INTTRA:ZZZ+CARRIER\_ID:ZZZ+1'  
 UNT+3+001'  
 UNZ+1+309401'

### B. Interchange Level Acknowledgment (Accepted)

UNB+UNOC:3+CARRIER\_ID:ZZZ+INTTRA:ZZZ+160605:0400+309401'  
 UNH+001+CONTRL:D:99B:UN'  
 UCI+423401+ INTTRA:ZZZ+CARRIER\_ID:ZZZ+7'  
 UNT+3+001'  
 UNZ+1+309401'

### C. Interchange Level Acknowledgment (Rejected)

UNB+UNOC:3+CARRIER\_ID:ZZZ+INTTRA:ZZZ+160605:0400+309401'  
 UNH+001+CONTRL:D:99B:UN'  
 UCI+423401+ INTTRA:ZZZ+CARRIER\_ID:ZZZ+4'  
 UNT+3+001'  
 UNZ+1+309401'

### D. Transaction Level Acknowledgment (Accepted)

UNB+UNOC:3+CARRIER\_ID:ZZZ+INTTRA:ZZZ+160716:2340+906262012'  
 UNH+906256722+CONTRL:D:99B:UN'  
 UCI+696144+INTTRA:ZZZ+CARRIER\_ID:ZZZ+7'  
 UCM+1+VERMAS:D:16A:UN:0.8+7'  
 UNT+4+906256722'  
 UNZ+1+906262012'

### E. Transaction Level Acknowledgment (Rejected)

UNB+UNOC:3+CARRIER:ZZZ+INTTRA:ZZZ+160718:0438+977157'  
 UNH+97715700001+CONTRL:D:99B:UN'  
 UCI+52481+INTTRA:ZZZ+CARRIER\_ID:ZZZ+7'  
 UCM+52481+VERMAS:D:16A:UN:0.8+4'  
 UCS+26+13'



UNT+5+97715700001'  
UNZ+1+977157'

