

# 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: a) acknowledge or reject a received interchange, functional group or message and list any errors contained therein, or b) acknowledge only the receipt of an interchange. This requires that the UNB, UNZ, and the UNA if used, be checked.

## Notes:

**AAFES requires to receive CONTRL files at the message and Group level for all transactions that AAFES sends to partners.**

### TEST EXAMPLE

```
UNB+UNOC:3+YOURID:YOUR QUALIFER+001695568GT:14+060425:0800+65++CONTRL++++1'
UNH+1+CONTRL:D:96A:UN:EAN008'
UCI+86+001695568GT:14+YOURID:YOURQUALIFER+7'
UCM+72+ORDERS:D:96A:UN:EAN008+7'
UCF+57+001695568GT:14+YOURID:YOURQUALIFER+7'
UNT+5+1'
UNZ+1+65'
```

### PRODUCTION EXAMPLE

```
UNB+UNOC:3+YOURID:YOUR QUALIFER+001695568GP:14+060425:0800+65++CONTRL'
UNH+1+CONTRL:D:96A:UN:EAN008'
UCI+86+001695568GP:14+YOURID:YOURQUALIFER+7'
UCM+72+ORDERS:D:96A:UN:EAN008+7'
UCF+57+001695568GP:14+YOURID:YOURQUALIFER+7'
UNT+5+1'
UNZ+1+65'
```

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
2	0010	UNH	Message Header	M	1		
3	0020	UCI	Interchange Response	M	1		
	0030		Segment Group 1: UCM-SG2	C		999999	
6	0031	UCM	Message Response	M	1		
	0040		Segment Group 2: UCS-UCD	C		999	
9	0041	UCS	Segment Error Indication	M	1		
10	0050	UCD	Data Element Error Indication	C	99		
	0060		Segment Group 3: UCF-SG4	C		999999	
12	0061	UCF	Functional Group Response	M	1		
	0070		Segment Group 4: UCM-SG5	C		999999	
15	0071	UCM	Message Response	M	1		
	0080		Segment Group 5: UCS-UCD	C		999	
18	0081	UCS	Segment Error Indication	M	1		
19	0090	UCD	Data Element Error Indication	C	99		
20	0100	UNT	Message Trailer	M	1		

**Segment:** UNH Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To head, identify and specify a message.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

**Example UNH+1+CONTRL:A:D96:UN**

#### Data Element Summary

	Data	Component		Attributes
	Element	Element		
M	0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	<b>M an..14</b>
M	S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	<b>M</b>
M		0065	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. CONTRL Syntax and service report message Message syntactically acknowledging or rejecting, with error indication, a received interchange, functional group or message.	<b>M an..6</b>
M		0052	<b>Message type version number</b> Version number of a message type.	<b>M an..3</b>
M		0054	<b>Message type release number</b> Release number within the current message type version number (0052).	<b>M an..3</b>
M		0051	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	<b>M an..2</b>
X		0057	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	<b>C an..6</b>
X	0068		<b>COMMON ACCESS REFERENCE</b> Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	<b>C an..35</b>
X	S010		<b>STATUS OF THE TRANSFER</b> Statement that the message is one in a sequence of transfers relating to the same topic.	<b>C</b>
X		0070	<b>Sequence message transfer number</b> Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	<b>M n..2</b>
X		0073	<b>First/last sequence message transfer indication</b> Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C a1</b>

**Segment:** UCI Interchange Response  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** 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.

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

**Example UCI+66+001695568GT:14+YOUR ID:YOUR QUALIFIER+7'**

#### Data Element Summary

	Data Element	Component Element	Name	Attributes
M	0020		<b>INTERCHANGE CONTROL REFERENCE</b> Unique reference assigned by the sender to an interchange. <b>This Value will match the AAFES Interchange Control Number sent from AAFES</b>	M an..14
M	S002		<b>INTERCHANGE SENDER</b> Identification of the sender of the interchange.	M
M		0004	<b>Sender identification</b> Name or coded representation of the sender of a data interchange.	M an..35
		0007	<b>Partner identification code qualifier</b> Qualifier referring to the source of codes for the identifiers of interchanging partners. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..4
		0008	<b>Address for reverse routing</b> Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.	C an..14
M	S003		<b>INTERCHANGE RECIPIENT</b> Identification of the recipient of the interchange.	M
M		0010	<b>Recipient identification</b> Name or coded representation of the recipient of a data interchange. <b>Production ID 001695568GP</b> <b>Test ID 001695568GT</b>	M an..35
		0007	<b>Partner identification code qualifier</b> Qualifier referring to the source of codes for the identifiers of interchanging partners. <b>AAFES Qualifier will always be 14</b>	C an..4
		0014	<b>Routing address</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.	C an..14
M	0083		<b>ACTION, CODED</b> A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange. 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. <b>This level and all lower levels rejected</b>	M an..3

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

**This level acknowledged, next lower level acknowledged if not explicitly rejected**

8 Interchange received  
 The subject interchange has been received. UNB, UNZ and UNA if present, is acknowledged. The other parts of the interchange will be acknowledged or rejected in a subsequent CONTRL message.

**Interchange received**

**0085 SYNTAX ERROR, CODED C an..3**

A code indicating the error detected.

Refer to D.96A Data Element Dictionary for acceptable code values.

**0013 SEGMENT TAG, CODED C a3**

Code identifying a segment.

**S011 DATA ELEMENT IDENTIFICATION C**

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.

**M**

**0098 Erroneous data element position in segment M n..3**

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..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.

**Group:** UCM Segment Group 1: Message Response  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999999  
**Purpose:**

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0031	UCM	Message Response	M	1	
	0040		Segment Group 2: Segment Error Indication	C		999

**Segment:** UCM Message Response  
**Position:** 0031 (Trigger Segment)  
**Group:** Segment Group 1 (Message Response) Conditional (Optional)  
**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.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

**Example UCM+66+ORDERS:D:96A:UN:EAN008+1'**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14
<b>This Value is the UNH Control number that is sent out by AAFES</b>				
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency.	M an..6
			INVOIC Invoice message Message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer. The UNSM invoice message, with correct data qualification, serves also as the specification for debit note and credit note messages.	
			ORDERS Purchase order message Message specifying details for goods or services ordered under conditions agreed between the seller and the buyer.	
M		0052	Message type version number Version number of a message type.	M an..3
M		0054	Message type release number Release number within the current message type version number (0052).	M an..3
M		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type.	M an..2
			UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	
X		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	C an..6
M	0083		ACTION, CODED A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.	M an..3
			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.	

			<b>This level and all lower levels rejected</b>
	7		This level acknowledged, next lower level acknowledged if not explicitly rejected The corresponding referenced-level is acknowledged. All messages or functional groups at the next lower referenced-level are acknowledged except those explicitly reported as rejected at the next lower reporting-level in this CONTRL message.
			<b>This level acknowledged and all lower levels acknowledged if not explicitly rejected</b>
	8		Interchange received The subject interchange has been received. UNB, UNZ and UNA if present, is acknowledged. The other parts of the interchange will be acknowledged or rejected in a subsequent CONTRL message.
			<b>Interchange received</b>
<b>0085</b>	<b>SYNTAX ERROR, CODED</b>	<b>C</b>	<b>an..3</b>
	A code indicating the error detected.		
	4		Service segment missing/invalid Notification that a service segment is missing, contains invalid data or cannot be processed for any reason.
			<b>This level and all lower levels rejected</b>
	7		Interchange recipient not actual recipient Notification that the Interchange recipient (S003) is different from the actual recipient.
			<b>This level acknowledged, next lower level acknowledged if not explicitly rejected</b>
<b>0013</b>	<b>SEGMENT TAG, CODED</b>	<b>C</b>	<b>a3</b>
	Code identifying a segment.		
<b>S011</b>	<b>DATA ELEMENT IDENTIFICATION</b>	<b>C</b>	
	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.		
<b>M</b>	<b>0098</b>	<b>Erroneous data element position in segment</b>	<b>M n..3</b>
	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.		
	<b>0104</b>	<b>Erroneous component data element position</b>	<b>C n..3</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.		

**Group:** UCS Segment Group 2: Segment Error Indication  
**Position:** 0040  
**Group:** Segment Group 1 (Message Response) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:**

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0041	UCS	Segment Error Indication	M	1	
	0050	UCD	Data Element Error Indication	C	99	



**Segment:** UCS **Segment Error Indication**  
**Position:** 0041 (Trigger Segment)  
**Group:** Segment Group 2 (Segment Error Indication) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify either a segment containing an error or a missing segment, and to identify any error related to the complete segment.

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

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0096		SEGMENT POSITION IN MESSAGE	M 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 an..3
			A code indicating the error detected. Refer to D.96A Data Element Dictionary for acceptable code values.	

**Segment:** **UCD Data Element Error Indication**  
**Position:** 0050  
**Group:** Segment Group 2 (Segment Error Indication)      Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** To identify an erroneous simple, composite or component data element, and to identify the nature of the error.

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

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0085		<b>SYNTAX ERROR, CODED</b> A code indicating the error detected. Refer to D.96A Data Element Dictionary for acceptable code values.	M an..3
M	S011		<b>DATA ELEMENT IDENTIFICATION</b> 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.	M
M		0098	<b>Erroneous data element position in segment</b> 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.	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

**Group:** UCF Segment Group 3: Functional Group Response  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999999  
**Purpose:**  
**Notes:**

AAFES requires to receive this segment  
 Example UCF+52+001695568GT:14+YOUR ID:YOUR QUALIFIER+7'

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0061	UCF	Functional Group Response	M	1	
	0070		Segment Group 4: Message Response	C		999999

**Segment:** UCF Functional Group Response  
**Position:** 0061 (Trigger Segment)  
**Group:** Segment Group 3 (Functional Group Response) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a functional group in the subject interchange and to indicate acknowledgement or rejection (action taken) of the UNG and UNE segments, 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.

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

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0048		<b>FUNCTIONAL GROUP REFERENCE NUMBER</b>	M an..14
			Reference number for the functional group assigned by and unique within the sender's division, department etc.	
M	S006		<b>APPLICATION SENDER IDENTIFICATION</b>	M
			Identification of the sender's division, department etc. from which a group of messages is sent.	
M		0040	<b>Application sender identification</b>	M an..35
			Name or code identifying the originating division, department etc. within the sender's organization.	
		0007	<b>Partner identification code qualifier</b>	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners. Refer to D.96A Data Element Dictionary for acceptable code values.	
M	S007		<b>APPLICATION RECIPIENTS IDENTIFICATION</b>	M
			Identification of the recipient's division, department etc. for which a group of messages is intended.	
M		0044	<b>Application recipient's identification</b>	M an..35
			Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.	
			<b>Production 001695568GP</b>	
			<b>Test 001695568GT</b>	
		0007	<b>Partner identification code qualifier</b>	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners. <b>AAFES Qualifer will always be 14</b>	
			Refer to D.96A Data Element Dictionary for acceptable code values.	
M	0083		<b>ACTION, CODED</b>	M an..3
			A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.	
		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.	
			<b>This level and all lower levels rejected</b>	
		7	This level acknowledged, next lower level acknowledged if not explicitly rejected	
			The corresponding referenced-level is acknowledged. All messages or functional groups at the next lower referenced-level are acknowledged except those explicitly reported as rejected at the next lower reporting-level in	

this CONTRL message.

**This level acknowledged and all lower levels acknowledged if not explicitly rejected**

8

Interchange received

The subject interchange has been received. UNB, UNZ and UNA if present, is acknowledged. The other parts of the interchange will be acknowledged or rejected in a subsequent CONTRL message.

**Interchange received**

**0085 SYNTAX ERROR, CODED C an..3**

A code indicating the error detected.

Refer to D.96A Data Element Dictionary for acceptable code values.

**0013 SEGMENT TAG, CODED C a3**

Code identifying a segment.

**S011 DATA ELEMENT IDENTIFICATION C**

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.

M

**0098 Erroneous data element position in segment M n..3**

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..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.

**Group:** UCM Segment Group 4: Message Response  
**Position:** 0070  
**Group:** Segment Group 3 (Functional Group Response) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999999  
**Purpose:**

Segment Summary						
	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0071	UCM	Message Response	M	1	
	0080		Segment Group 5: Segment Error Indication	C		999

**Segment:** UCM Message Response  
**Position:** 0071 (Trigger Segment)  
**Group:** Segment Group 4 (Message Response) Conditional (Optional)  
**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.

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

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M an..14
M	S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	M
M		0065	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. Refer to D.96A Data Element Dictionary for acceptable code values.	M an..6
M		0052	<b>Message type version number</b> Version number of a message type.	M an..3
M		0054	<b>Message type release number</b> Release number within the current message type version number (0052).	M an..3
M		0051	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. Refer to D.96A Data Element Dictionary for acceptable code values.	M an..2
		0057	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	C an..6
M	0083		<b>ACTION, CODED</b> A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.	M an..3
		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.	<b>This level and all lower levels rejected</b>
		7	This level acknowledged, next lower level acknowledged if not explicitly rejected The corresponding referenced-level is acknowledged. All messages or functional groups at the next lower referenced-level are acknowledged except those explicitly reported as rejected at the next lower reporting-level in this CONTRL message.	<b>This level acknowledged and all lower levels acknowledged if not explicitly rejected</b>
		8	Interchange received The subject interchange has been received. UNB, UNZ and UNA if present, is acknowledged. The other parts of the interchange will be acknowledged or rejected in a subsequent CONTRL message.	

**Interchange received**

	<b>0085</b>	<b>SYNTAX ERROR, CODED</b>	<b>C</b>	<b>an..3</b>
		A code indicating the error detected. Refer to D.96A Data Element Dictionary for acceptable code values.		
	<b>0013</b>	<b>SEGMENT TAG, CODED</b>	<b>C</b>	<b>a3</b>
		Code identifying a segment.		
	<b>S011</b>	<b>DATA ELEMENT IDENTIFICATION</b>	<b>C</b>	
		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.		
<b>M</b>	<b>0098</b>	<b>Erroneous data element position in segment</b>	<b>M</b>	<b>n..3</b>
		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.		
	<b>0104</b>	<b>Erroneous component data element position</b>	<b>C</b>	<b>n..3</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.		



**Group:** UCS Segment Group 5: Segment Error Indication  
**Position:** 0080  
**Group:** Segment Group 4 (Message Response) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:**

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0081	UCS	Segment Error Indication	M	1	
	0090	UCD	Data Element Error Indication	C	99	

**Segment:** UCS Segment Error Indication  
**Position:** 0081 (Trigger Segment)  
**Group:** Segment Group 5 (Segment Error Indication) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify either a segment containing an error or a missing segment, and to identify any error related to the complete segment.

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

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0096		SEGMENT POSITION IN MESSAGE	M 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 an..3
			A code indicating the error detected. Refer to D.96A Data Element Dictionary for acceptable code values.	

**Segment:** **UCD Data Element Error Indication**  
**Position:** 0090  
**Group:** Segment Group 5 (Segment Error Indication) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** To identify an erroneous simple, composite or component data element, and to identify the nature of the error.

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

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0085		<b>SYNTAX ERROR, CODED</b> A code indicating the error detected. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>M an..3</b>
M	S011		<b>DATA ELEMENT IDENTIFICATION</b> 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.	<b>M</b>
M		<b>0098</b>	<b>Erroneous data element position in segment</b> 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.	<b>M n..3</b>
		<b>0104</b>	<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.	<b>C n..3</b>

**Segment:** **UNT** Message Trailer  
**Position:** 0100  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of a message.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0074		<b>NUMBER OF SEGMENTS IN A MESSAGE</b> Control count of number of segments in a message.	M n..6
M	0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M an..14