******* U.S. Customs Implementation Guideline - Approved for ACE-FASTuse *******

CONTRL Syntax and Service Report Message for Batch Edi

Introduction:

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

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	UCI	Interchange Response	M	1		
	0030		Segment Group 1: UCM-SG2	C		999999	
M	0040	UCM	Message/Package Response	M	1		
	0050		Segment Group 2: UCS-UCD	C		999	
M	0060	UCS	Segment Error Indication	M	1		
	0070	UCD	Data Element Error Indication	C	99		
	0080		Segment Group 3: UCF-SG4	C		999999	
M	0090	UCF	Group Response	M	1		
	0100		Segment Group 4: UCM-SG5	C		999999	
M	0110	UCM	Message/Package Response	M	1		
	0120		Segment Group 5: UCS-UCD	C		999	
M	0130	UCS	Segment Error Indication	M	1		
	0140	UCD	Data Element Error Indication	C	99		
M	0150	UNT	Message Trailer	M	1		

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.
Note: Syntax and service report messages conforming to this document shall contain the following data in segment UNH, composite S009:
Data element 0065 CONTRL 0052 4 0054 1 0051 UN
Semantic Notes:

Data Element Summary

Data Element	Component Element	Name	Attributes
0062		**MESSAGE REFERENCE NUMBER** Unique message reference assigned by the sender.	**M 1 an..14**
S009		**MESSAGE IDENTIFIER** Identification of the type, version, etc. of the message feing interchanged.	**M 1**
	0065	**Message type** Code identifying a type of message and assigned by its controlling agency.	**M an..6**
	0052	**Message version number** Version number of a message type.	**M an..3**
	0054	**Message release number** Release number within the current message version number.	**M an..3**
	0051	**Controlling agency, coded** Code identifying a controlling agency.	**M an..3**
	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**
	0110	**Code list directory version number** Version number of the code list directory.	**C an..6**
	0113	**Message type sub-function identification** Code identifying a sub-function of a message type.	**C an..6**
0068		**COMMON ACCESS REFERENCE** Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	**C 1 an..35**
S010		**STATUS OF THE TRANSFER** Statement that the message is one in a sequence of transfers relating to the same topic.	**C 1**
	0070	**Sequence of transfers**	**M n..2**

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.

	0073	**First and last transfer**	**C**	**a1**
		Indication used for the first and last message in a sequence of messages related to the same topic.		
S016		**MESSAGE SUBSET IDENTIFICATION**	**C**	**1**
		To identify a message subset by its identifier, version, release and source.		
	0115	**Message subset identification**	**M**	**an..14**
		Coded identification of a message subset, assigned by its controlling agency.		
	0116	**Message subset version number**	**C**	**an..3**
		Version number of the message subset.		
	0118	**Message subset release number**	**C**	**an..3**
		Release number within the message subset version number.		
	0051	**Controlling agency, coded**	**C**	**an..3**
		Code identifying a controlling agency.		
S017		**MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION**	**C**	**1**
		To identify a message implementation guideline by its identifier, version, release and source.		
	0121	**Message implementation guideline identification**	**M**	**an..14**
		Coded identification of the message implementation guideline, assigned by its controlling agency.		
	0122	**Message implementation guideline version number**	**C**	**an..3**
		Version number of the message implementation guideline.		
	0124	**Message implementation guideline release number**	**C**	**an..3**
		Release number within the message implementation guideline version number.		
	0051	**Controlling agency, coded**	**C**	**an..3**
		Code identifying a controlling agency.		
S018		**SCENARIO IDENTIFICATION**	**C**	**1**
		To identify a scenario.		
	0127	**Scenario identification**	**M**	**an..14**
		Code identifying scenario.		
	0128	**Scenario version number**	**C**	**an..3**
		Version number of a scenario.		
	0130	**Scenario release number**	**C**	**an..3**
		Release number within the scenario version number.		
	0051	**Controlling agency, coded**	**C**	**an..3**
		Code identifying a controlling agency.		

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. Depending on the action code, it may also indicate the action taken on the groups, messages, and packages within that interchange. The subject interchange shall be identified by copying its Interchange Sender, Interchange Recipient, and Interchange Control Reference data elements into the identical data elements in this segment. An erroneous or missing UNA, UNB or UNZ segment may be identified. If no segment is identified, the error relates to the complete interchange.

Semantic Notes:

Data Element Summary

Data Element	Component Element	Name	Attributes
0020		**INTERCHANGE CONTROL REFERENCE** Unique reference assigned by the sender to an interchange.	**M1 an..14**
S002		**INTERCHANGE SENDER** Identification of the sender of the interchange.	**M 1**
	0004	**Interchange sender identification** Name or coded identification of the sender of the interchange.	**M an..35**
	0007	**Identification code qualifier** Qualifier referring to the identification code.	**C an..4**
	0008	**Interchange sender internal identification** Identification (for example, a division, branch or computer system/process) specified by the sender of interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.	**C an..35**
	0042	**Interchange sender internal sub-idenficiation** Sub-level of sender internal identification, when further sub-level identification is required.	**C an..35**
S003		**INTERCHANGE RECIPIENT** Identification of the recipient of the interchange.	**M 1**
	0010	**Interchange recipient identification** Name or coded identification of the recipient of the interchange.	**M an..35**

0007	**Identification code qualifier**	C		an..4
	Qualifier referring to the identification code.			
0014	**Interchange recipient internal identification**	C		an..35
	Identification (for example, a division, branch or computer system/process) specified by the recipient of interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing.			
0046	**Interchange recipient internal sub-identification**	C		an..35
	Sub-level of recipient internal identification, when further sub-level identification is required.			
0083	**ACTION, CODED**	M	1	an..3
	A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.			
0085	**SYNTAX ERROR, CODED**	C	1	an..3
	A code indicating the error detected.			
0135	**SERVICE SEGMENT TAG, CODED**	C	1	an..3
	Code identifying a service segment.			
S011	**DATA ELEMENT IDENTIFICATION**	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.			
0098	**Erroneous data element position in segment**	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.			
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.			
0134	**Erroneous data element occurrence**	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.			

Segment: UCM Message/Package Response

Position: 0040 (Trigger Segment)
Group: Segment Group 1 (Message/Package Response) Conditional (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), and identifying any error related to the UNH, UNT, UNO, and UNP segments. A message shall be identified by copying its Message Identifier and Message Reference Number data elements into the identical data elements in this segment. An erroneous or missing UNH or UNT segment may be identified. If no segment is identified, the error relates to the complete message. A package shall be identified by copying its Reference Identification and Package Reference Number data elements into the identical data elements in this segment. An erroneous or missing UNO or UNP segment may be identified. If no segment is identified, the error relates to the complete package.

Semantic Notes:

Data Element Summary

Data Element	Component Element	Name	Attributes
0062		**MESSAGE REFERENCE NUMBER** Unique message reference assigned by the sender.	**C 1 an..14**
S009		**MESSAGE IDENTIFIER** Identification of the type, version, etc. of the message feing interchanged.	**C 1**
	0065	**Message type** Code identifying a type of message and assigned by its controlling agency.	**M an..6**
	0052	**Message version number** Version number of a message type.	**M an..3**
	0054	**Message release number** Release number within the current message version number.	**M an..3**
	0051	**Controlling agency, coded** Code identifying a controlling agency.	**M an..3**
	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**
	0110	**Code list directory version number** Version number of the code list directory.	**C an..6**
	0113	**Message type sub-function identification** Code identifying a sub-function of a message type.	**C an..6**
0083		**ACTION, CODED** A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.	**M 1 an..3**
0085		**SYNTAX ERROR, CODED** A code indicating the error detected.	**C 1 an..3**
0135		**SERVICE SEGMENT TAG, CODED**	**C 1 an..3**

Code identifying a service segment.

S011		**DATA ELEMENT IDENTIFICATION**	**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.		
	0098	**Erroneous data element position in segment**	**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.		
	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.		
	0134	**Erroneous data element occurrence**	**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.		
0800		**PACKAGE REFERENCE NUMBER**	**C**	**1 an..35**
		Unique package reference number assigned by the sender.		
S020		**REFERENCE IDENTIFICATION**	**C**	**99**
		To identify the reference relating to the object.		
	0813	**Reference qualifier**	**M**	**an..3**
		Code giving specific meaning to a reference identification number.		
	0802	**Reference identification number**	**M**	**an..35**
		Reference number to identify a message, message group and/or interchange, which relates to the object.		

Segment: UCS Segment Error Indication

Position: 0060 (Trigger Segment)
Group: Segment Group 2 (Segment Error Indication) Conditional (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:

Data Element Summary

Data Element	Component Element	Name	Attributes
0096		**SEGMENT POSITION IN MESSAGE** 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.	**M 1 n..6**
0085		**SYNTAX ERROR, CODED** A code indicating the error detected.	**C 1 an..3**

Segment: UCD Data Element Error Indication

Position: 0070
Group: Segment Group 2 (Segment Error Indication) Conditional (Optional)
Level: 3
Usage: Conditional (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:

Data Element Summary

Data Element	Component Element	Name	Attributes
0085		**SYNTAX ERROR, CODED** A code indicating the error detected.	**M 1 an..3**
S011		**DATA ELEMENT IDENTIFICATION** 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	**Erroneous data element position in segment**	**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.

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.

0134 Erroneous data element occurrence **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.

Segment: UCF Group Response

Position: 0090 (Trigger Segment)
Group: Segment Group 3 (Group Response) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a group in the subject interchange. It also indicates acknowledgement or rejection (action taken) of the UNG and UNE segments, and identifies any error related to these segments. Depending on the action code, it may also indicate the action taken on the messages and packages within that group. The group shall be identified by copying its Application Sender's Identification, Application Recipient's identification, and Group Reference Number data elements into the identical data elements in this segment. An erroneous or missing UNG or UNE segment may be identified. If no segment is identified, the error relates to the complete group.

Semantic Notes:

Data Element Summary

Data Element	Component Element	Name	Attributes
0048		**GROUP REFERENCE NUMBER** Unique reference number for the group within an interchange.	**M1 an..14**
S006		**APPLICATION SENDER IDENTIFICATION** Sender identification of for example a division, branch or application computer system/process.	**C 1**

	0040	**Application sender identification** Name or coded identification of the application sender (for example, a division, branch or computer system/process).	**M**	**an..35**
	0007	**Identification code qualifier** Qualifier referring to the identification code.	**C**	**an..4**
S007		**APPLICATION RECIPIENT IDENTIFICATION** Recipient identification of for example a division, branch or application computer system/process.	**C**	**1**
	0044	**Application recipient idendification** Name or coded identification of the application recipient (for example, a division, branch or computer system/process).	**M**	**an..35**
	0007	**Identification code qualifier** Qualifier referring to the identification code.	**C**	**an..4**
0083		**ACTION, CODED** A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.	**M**	**1 an..3**
0085		**SYNTAX ERROR, CODED** A code indicating the error detected.	**C**	**1 an..3**
0135		**SERVICE SEGMENT TAG, CODED** Code identifying a service segment.	**C**	**1 an..3**
S011		**DATA ELEMENT IDENTIFICATION** 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.	**C**	**1**
	0098	**Erroneous data element position in segment** 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	**Erroneous component data element position** 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	**Erroneous data element occurrence** 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: UCM Message/Package Response

Position: 0110 (Trigger Segment)

Group: Segment Group 4 (Message/Package Response) Conditional (Optional)
Level: 2
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), and identifying any error related to the UNH, UNT, UNO, and UNP segments. A message shall be identified by copying its Message Identifier and Message Reference Number data elements into the identical data elements in this segment. An erroneous or missing UNH or UNT segment may be identified. If no segment is identified, the error relates to the complete message. A package shall be identified by copying its Reference Identification and Package Reference Number data elements into the identical data elements in this segment. An erroneous or missing UNO or UNP segment may be identified. If no segment is identified, the error relates to the complete package.

Semantic Notes:

Data Element Summary

Data Element	Component Element	Name	Attributes
0062		**MESSAGE REFERENCE NUMBER** Unique message reference assigned by the sender.	**C 1 an..14**
S009		**MESSAGE IDENTIFIER** Identification of the type, version, etc. of the message feing interchanged.	**C 1**
	0065	**Message type** Code identifying a type of message and assigned by its controlling agency.	**M an..6**
	0052	**Message version number** Version number of a message type.	**M an..3**
	0054	**Message release number** Release number within the current message version number.	**M an..3**
	0051	**Controlling agency, coded** Code identifying a controlling agency.	**M an..3**
	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**
	0110	**Code list directory version number** Version number of the code list directory.	**C an..6**
	0113	**Message type sub-function identification** Code identifying a sub-function of a message type.	**C an..6**
0083		**ACTION, CODED**	**M 1 an..3**

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

0085 **SYNTAX ERROR, CODED** **C** **1 an..3**
A code indicating the error detected.

0135 **SERVICE SEGMENT TAG, CODED** **C** **1 an..3**
Code identifying a service segment.

S011 **DATA ELEMENT IDENTIFICATION** **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.

0098 **Erroneous data element position in segment** **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.

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.

0134 **Erroneous data element occurrence** **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.

0800 **PACKAGE REFERENCE NUMBER** **C** **1 an..35**
Unique package reference number assigned by the sender.

S020 **REFERENCE IDENTIFICATION** **C** **99**
To identify the reference relating to the object.

0813 **Reference qualifier** **M** **an..3**
Code giving specific meaning to a reference identification number.

0802 **Reference identification number** **M** **an..35**
Reference number to identify a message, message group and/or interchange, which relates to the object.

Segment: UCS Segment Error Indication

Position: 0130 (Trigger Segment)
Group: Segment Group 5 (Segment Error Indication) Conditional (Optional)
Level: 3
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:

Data Element Summary

Data Element	Component Element	Name	Attributes
0096		**SEGMENT POSITION IN MESSAGE** 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.	**M 1 n..6**
0085		**SYNTAX ERROR, CODED** A code indicating the error detected.	**C 1 an..3**

Segment: UCD Data Element Error Indication

Position: 0140
Group: Segment Group 5 (Segment Error Indication) Conditional (Optional)
Level: 4
Usage: Conditional (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 5, and identifying the nature of the error.

Semantic Notes:

Data Element Summary

Data Element	Component Element	Name	Attributes
0085		**SYNTAX ERROR, CODED** A code indicating the error detected.	**M 1 an..3**

S011	**DATA ELEMENT IDENTIFICATION**		**M**	**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.			
0098	**Erroneous data element position in segment**		**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.			
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.			
0134	**Erroneous data element occurrence**		**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.			

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:

Data Element Summary

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