CBP ACE Technical Guide

CTLSET Service Message
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U.S. Customs and Border Protection

CTLSET Service Message

Introduction:

A message used to exchange service information relating to the use of EDIFACT syntax rules or security. A service message specification contains only service segments.

Notes:

This CTLSET Implementation Guideline (IG) identifies the Service Segments required to envelope the UN EDIFACT messages sent to the U.S. Customs and Border Protection (CBP) Automated Commercial Environment (ACE) electronic Certificate Information System (eCERT) application. UN EDIFACT response messages returned to the participating trading partner from ACE eCERT will contain similar content.

Notes:
Electronic data transmissions sent to Customs must not exceed 4 megabytes in length.
The UNA, UNG, and UNE segments are not used for eCERT messages.
Each transmission sent to Customs must be comprised of only one UNB through UNZ interchange header and trailer and one or more UNH through UNT message header and trailer groupings.

Unless otherwise requested, the following syntax is expected:
- the segment delimiter is an apostrophe (')
- the segment tag and data element separator is a plus sign (+)
- the sub-element separator is a colon (:).

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Not Used	0010	UNA	UNA Service String Advice	C			
M	0020	UNB	Interchange Header	M	1		
Not Used	0030	UNG	Functional Group Header	C	1		
Not Used	0040	UNE	Functional Group Trailer	C	1		
M	0050	UNZ	Interchange Trailer	C	1		

	Segment:	**UNB** Interchange Header
	Position:	0020
	Group:	
	Level:	0
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To identify an interchange.

Dependency Notes:	
Sematic Notes:	
Comments:	
Notes:	This document identifies the UNB Interchange Header segment syntax rules to be applied when exchanging UN/EDIFACT messages with the United States Customs Service Electronic Visa Program.

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	S001		**SYNTAX IDENTIFIER**	**M**	
			Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.		
M		0001	**Syntax identifier**	**M**	**a4**
			Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.		
			Always 'UNOA'.		
		UNOA	UN/ECE level A		
			As defined in ISO 646 (with the exception of letters, lower case a to z).		
M		0002	**Syntax version number**	**M**	**an1**
			Version number of the syntax.		
			Use '1'.		
		1	Version 1		
			ISO 9735:1990.		
X		0080	**Service code list directory version number**	**C**	**an..6**
			Version number of the service code list directory.		
X		0133	**Character encoding, coded**	**C**	**an..3**
			Coded identification of the character encoding used in the interchange.		
M	S002		**INTERCHANGE SENDER**	**M**	
			Identification of the sender of the interchange.		
M		0004	**Interchange sender identification**	**M**	**an..35**
			Name or codded identification of the sender of the interchange.		
			Sender ID as made known to United States Customs.		
M		0007	**Identification code qualifier**	**M**	**an..4**
			Qualifier referring to the identification code.		
			'ZZ' unless otherwise agreed to with United States Customs.		
X		0008	**Interchange sender internal identification**	**C**	**an..35**
			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.		
X		0042	**Interchange sender internal sub-identification**	**C**	**an..35**
			Sub-level of sender internal identification, when further sub-level identification is required.		
M	S003		**INTERCHANGE RECIPIENT**	**M**	
			Identification of the recipient of the interchange.		
M		0010	**Interchange recipient identification**	**M**	**an..35**
			Name or coded identification of the recipient of the interchange.		

			Value to be provided by U.S. Customs when program participation begins.		
M		**0007**	**Identification code qualifier**	M	an..4
			Qualifier referring to the identification code.		
			'ZZ' unless otherwise agreed to with United States Customs.		
			Refer to D.99A Data Element Dictionary for acceptable code values.		
X		**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.		
X		**0046**	**Interchange recipient internal sub-identification**	C	an..35
			Sub-level of recipient internal identification, when further sub-level identification is required.		
M	**S004**		**DATE AND TIME OF PREPARATION**	M	
			Date and time of preparation of interchange		
M		**0017**	**Date**	M	n6
			Local date when an interchange or a group was prepared.		
			U.S. Customs eCERT program supports either 6 or 8-byte data formats in the Interchange Date element. (Example CCYYMMDD OR YYMMDD)		
M		**0019**	**Time**	M	a4
			Local time of day when an interchange or a group was prepared.		
M	**0020**		**INTERCHANGE CONTROL REFERENCE**	M	an..14
			Unique reference assigned by the sender to an interchange.		
X	**S005**		**RECIPIENT REFERENCE/PASSWORD DETAILS**	C	
			Reference or password to the recipient's system or to a third party network as specified in the partner's interchange agreement.		
X		**0022**	**Recipient reference/password**	M	an..14
			Reference or password to the recipient's system or to a third party network as specified in the partners' interchange agreement.		
X		**0025**	**Recipient reference/password qualifier**	C	an2
			Qualifier for the recipient's reference or password.		
			Refer to D.99A Data Element Dictionary for acceptable code values.		
>>	**0026**		**APPLICATION REFERENCE**	C	an..14
			Identification of the application area assigned by the sender, to which the message in the interchange relate e.g. the message type, if all the messages in the interchange are of the same type.		
			Always 'ECERT'.		
X	**0029**		**PROCESSING PRIORITY CODE**	C	a1
			Code determined by the sender requesting processing priority for the interchange.		
			Refer to D.99A Data Element Dictionary for acceptable code values.		
X	**0031**		**ACKNOWLEDGEMENT REQUEST**	C	n1
			Code requesting acknowledgement for the interchange.		
			Refer to D.99A Data Element Dictionary for acceptable code values.		
X	**0032**		**INTERCHANGE AGREEMENT IDENTIFIER**	C	an..35
			Identification by name or code of the type of agreement under which the interchange takes place.		
X	**0035**		**TEST INDICATOR**	C	n1
			Indication that the structural level containing the test indicator is a test.		
			Refer to D.99A Data Element Dictionary for acceptable code values.		

Segment: # UNZ Interchange Trailer

Position: 0050
Group:
Level: 0
Usage: Conditional (Required)
Max Use: 1
Purpose: To end and check the completeness of an interchange.

Dependency Notes:
Sematic Notes:
Comments:
Notes:

Data Element Summary

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