

UN/EDIFACT Truck Manifest Implementation Guide

Message Envelope (CTLSET)

April 2018



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 ACE application. UN Edifact response messages returned to the participating trading partner from ACE will contain similar content.

Notes:

Electronic data transmissions sent to Customs must not exceed 4 megabytes in length.

The UNA Attribute Segment is optional.

Each transmission sent to Customs must be comprised of only one UNB through UNZ interchange header and trailer, one UNG through UNE group header and trailer, and one UNH through UNT message header and trailer.

Unless otherwise requested, the following syntax may be expected:

- the segment delimiter is a quote (')
- the element separator is a plus sign (+)
- the sub-element separator is a colon (:).

(Last Update: 04.27.2018) UNB and UNG Sender ID and Recipient ID Qualifier notes

	<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>
M	0020	UNB	Interchange Header	M	1		
	0030	UNG	Functional Group Header	C	1		
	0040	UNE	Functional Group Trailer	C	1		
M	0050	UNZ	Interchange Trailer	M	1		

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

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Attributes</u>
M	S001	SYNTAX IDENTIFIER M 1 Identification of the agency controlling the syntax and indication of syntax level.
M	0001	Syntax identifier M a4 Coded identification of the agency controlling a syntax and syntax level used in an interchange. Always 'UNOA'
M	0002	Syntax version number M n1 Version number of the syntax identified in the syntax identifier (0001). Value always '4' .
M	S002	INTERCHANGE SENDER M 1 Identification of the sender of the interchange.
M	0004	Sender identification M an..35 Name or coded representation of the sender of a data interchange. This value can represent different identities depending upon the directional nature of the Edifact message. On messages destined for Customs, the value in this field must represent the Standard Carrier Alpha Code (SCAC) of the Carrier or Service Center. On response messages from Customs, the value in this field will be 'CBP-ACE' -or- 'CBP-ACE-TEST' depending upon the nature of the message.
	0007	Partner identification code qualifier C an..4 Qualifier referring to the source of codes for the identifiers of interchanging partners. 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined (Qualifier for an ID of a sender that is not a SCAC) On messages destined for Customs, the value in this field is recommended to be a '02' to represent the Standard Carrier Alpha Code (SCAC) of the Carrier or Service Center; or 'ZZ' otherwise. On messages from Customs, the value returned in this field will be 'ZZ'.

M	S003	INTERCHANGE RECIPIENT	M	1	Identification of the recipient of the interchange.
M	0010	Recipient identification	M	an..35	Name or coded representation of the recipient of a data interchange. This value can represent different identities depending upon the directional nature of the Edifact message. On messages destined for Customs, the value in this field will be 'CBP-ACE' - or- 'CBP-ACE-TEST' depending upon the nature of the message. On response messages from Customs, the value in this field will represent the Standard Carrier Alpha Code (SCAC) of the Carrier or Service Center.
	0007	Partner identification code qualifier	C	an..4	Qualifier referring to the source of codes for the identifiers of interchanging partners. On messages destined for Customs, the value in this field is recommended to be 'ZZ'. On messages from Customs, the value returned in this field in CONTRL functional acknowledgement messages will be the same qualifier ('02' or 'ZZ') used with the Sender ID on the message sent to Customs. For non-CONTRL functional acknowledgments messages, e.g. CUSRES and MEDPID from Customs, the value in this field will be 'ZZ'.
M	S004	DATE AND TIME OF PREPARATION	M	1	Date and time of preparation of the interchange.
M	0017	Date of preparation	M	n6	Local date when an interchange or a functional group was prepared. Date formatted as CCYYMMDD.
M	0019	Time of preparation	M	n4	Local time of day when an interchange or a functional group was prepared. Formatted as: 'HHMM'
M	0020	INTERCHANGE CONTROL REFERENCE	M	1 an..14	Unique reference assigned by the sender to an interchange.
	S005	RECIPIENTS REFERENCE PASSWORD	C	1	Reference or password as agreed between the communicating partners. Not used for this implementation.
M	0022	Recipient reference/password	M	an..14	Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement. Not used for this implementation.
	0025	Recipient reference/password qualifier	C	an2	Qualifier for the recipient's reference or password. Not used for this implementation.
	0026	APPLICATION REFERENCE	C	1 an..14	Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type. The value in this field will be 'FAST' for FAST transmissions. Otherwise, the value in this field will be 'ACE'.

Segment: **UNG** Functional Group Header
Position: 0030
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To head, identify and specify a Functional Group
Dependency Notes: 1 All or None of UNG01 UNG06 UNG07 must be present.
Semantic Notes:
Comments:

Notes: The use of the UNG group header segment, as well as the UNE group trailer segment are optional for ACE.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
M	0038	FUNCTIONAL GROUP IDENTIFICATION Identification of the one type of messages in a functional group. The value in this data element should reflect the identity of the message set, identical to the value in the S009:0065 data element on the UNH segment.	M	1 an..6
M	S006	APPLICATION SENDER IDENTIFICATION Identification of the sender's division, department etc. from which a group of messages is sent.	M	1
M	0040	Application sender identification Name or code identifying the originating division, department etc. within the sender's organization. On messages destined for Customs, this value will be either the same as the value contained in the S002:0004 data element on the UNB segment or it may be the identification code of the preparer, agent, or broker preparing the manifest on behalf of the carrier. In this case truck manifest accepts only 4 positions. If a broker is using his 3 letter filer code as identification code it must be preceded by a '5'. On messages from Customs, the value returned in this field will be: <ul style="list-style-type: none"> On a CONTRL functional acknowledgement, the application recipient ID (UNG S007:0044) from the message to Customs. On a response CUSRES message, "ACE" On a MEDPID response, "CBP-ACE" 	M	an..35
	0007	Partner identification code qualifier Qualifier referring to the source of codes for the identifiers of interchanging partners. 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined (Qualifier for an ID of a sender that is not a SCAC) On messages destined for Customs, the value in this field can be a '02' to represent the Standard Carrier Alpha Code (SCAC) of the Carrier or Service Center; or 'ZZ' otherwise. On messages from Customs, the value returned in this field will be 'ZZ'.	C	an..4
M	S007	APPLICATION RECIPIENTS IDENTIFICATION Identification of the recipient's division, department etc. for which a group of messages is intended.	M	1

M	0044	Application recipient's identification	M	an..35	Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended. On messages destined for Customs, this value will be either the same as the value contained in the S002:0004 data element on the UNB segment or it may be the identification code of the preparer, agent, or broker preparing the manifest on behalf of the carrier. In this case truck manifest accepts only 4 positions. If a broker is using his 3 letter filer code as identification code it must be preceded by a '5'. On messages from Customs, the value returned in this field will be the UNG S006:0040 (application sender ID) from the message sent to Customs.
	0007	Partner identification code qualifier	C	an..4	Qualifier referring to the source of codes for the identifiers of interchanging partners. 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined (Qualifier for an ID of a sender that is not a SCAC) On messages destined for Customs, the value in this field can be a '02' to represent the Standard Carrier Alpha Code (SCAC) of the Carrier or Service Center; or 'ZZ' otherwise. On messages from Customs, the value returned in this field will be 'ZZ'.
M	S004	DATE AND TIME OF PREPARATION	M	1	Date and time of preparation of the interchange.
M	0017	Date of preparation	M	n6	Local date when an interchange or a functional group was prepared. Formatted as: 'CCYYMMDD'
M	0019	Time of preparation	M	n4	Local time of day when an interchange or a functional group was prepared. Formatted as: 'HHMM'
M	0048	FUNCTIONAL GROUP REFERENCE NUMBER	M	1 an..14	Reference number for the functional group assigned by and unique within the sender's division, department etc.
M	0051	CONTROLLING AGENCY	M	1 an..2	Code identifying the agency controlling the specification, maintenance and publication of the message type. Always 'UN'
M	S008	MESSAGE VERSION	M	1	Specification of the type of messages in the functional group.
M	0052	Message type version number	M	an..3	Version number of a message type. Always 'D'.
M	0054	Message type release number	M	an..3	Release number within the current message type version number (0052). For ACE, this value will be the same as the value contained in the S009:0054 data element on the UNH segment.

Segment: **UNE Functional Group Trailer**
Position: 0040
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To end and check the completeness of a 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	0060		NUMBER OF MESSAGES A count of the number of messages in a functional group.	M 1 n..6
M	0048		FUNCTIONAL GROUP REFERENCE NUMBER Reference number for the functional group assigned by and unique within the sender's division, department etc.	M 1 an..14

Segment: **UNZ Interchange Trailer**
Position: 0050
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

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