UN/EDIFACT Truck Manifest Implementation Guide

Message Envelope (CTLSET)

April 2018
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

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Group Repeat</th>
<th>Notes and Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>0020</td>
<td>UNB</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0030</td>
<td>UNG</td>
<td>C</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0040</td>
<td>UNE</td>
<td>C</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>0050</td>
<td>UNZ</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Data Element Summary

<table>
<thead>
<tr>
<th>Data Component</th>
<th>Element Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S001</strong></td>
<td>SYNTAX IDENTIFIER</td>
<td>M 1</td>
</tr>
<tr>
<td><strong>0001</strong></td>
<td>Syntax identifier</td>
<td>M a4</td>
</tr>
<tr>
<td><strong>0002</strong></td>
<td>Syntax version number</td>
<td>M n1</td>
</tr>
<tr>
<td><strong>S002</strong></td>
<td>INTERCHANGE SENDER</td>
<td>M 1</td>
</tr>
<tr>
<td><strong>0004</strong></td>
<td>Sender identification</td>
<td>M an..35</td>
</tr>
<tr>
<td><strong>0007</strong></td>
<td>Partner identification code qualifier</td>
<td>C an..4</td>
</tr>
</tbody>
</table>

**SYNTAX IDENTIFIER**
Identification of the agency controlling the syntax and indication of syntax level.

**Syntax identifier**
Coded identification of the agency controlling a syntax and syntax level used in an interchange. Always 'UNOA'.

**Syntax version number**
Version number of the syntax identified in the syntax identifier (0001). Value always '4'.

**INTERCHANGE SENDER**
Identification of the sender of the interchange.

**Sender identification**
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.

**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 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'.

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### Functional Group Header

**Segment:** UNG  
**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.

#### Data Element Summary

<table>
<thead>
<tr>
<th>Data</th>
<th>Component</th>
<th>Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>0038</td>
<td>M</td>
<td>FUNCTIONAL GROUP IDENTIFICATION</td>
<td>M 1 an..6</td>
</tr>
<tr>
<td>M</td>
<td>S006</td>
<td>M</td>
<td>APPLICATION SENDER IDENTIFICATION</td>
<td>M 1</td>
</tr>
<tr>
<td>M</td>
<td>0040</td>
<td>M</td>
<td>Application sender identification</td>
<td>M an..35</td>
</tr>
<tr>
<td>C</td>
<td>0007</td>
<td>C</td>
<td>Partner identification code qualifier</td>
<td>C an..4</td>
</tr>
</tbody>
</table>

- **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.

- **APPLICATION SENDER IDENTIFICATION**  
  Identification of the sender's division, department etc. from which a group of messages is sent.

- **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:
  - 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”

- **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’.

- **APPLICATION RECIPIENTS IDENTIFICATION**  
  Identification of the recipient's division, department etc. for which a group of messages is intended.
<table>
<thead>
<tr>
<th>Field</th>
<th>Code</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 0044 Application recipient's identification</td>
<td>M an..35</td>
<td>Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.</td>
<td></td>
</tr>
</tbody>
</table>

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.

M 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: 0
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

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<tr>
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<th>Component Element</th>
<th>Data Element Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 0060</td>
<td>M</td>
<td>NUMBER OF MESSAGES</td>
<td>M 1 n..6</td>
</tr>
<tr>
<td>M 0048</td>
<td>M</td>
<td>FUNCTIONAL GROUP REFERENCE NUMBER</td>
<td>M 1 an..14</td>
</tr>
</tbody>
</table>

- **NUMBER OF MESSAGES**: A count of the number of messages in a functional group.
- **FUNCTIONAL GROUP REFERENCE NUMBER**: Reference number for the functional group assigned by and unique within the sender's division, department etc.
**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:**

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</thead>
<tbody>
<tr>
<td>M 0036</td>
<td></td>
<td>INTERCHANGE CONTROL COUNT</td>
<td>M 1 n..6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Count either of the number of messages or, if used, of the number of functional groups in an interchange.</td>
<td></td>
</tr>
<tr>
<td>M 0020</td>
<td></td>
<td>INTERCHANGE CONTROL REFERENCE</td>
<td>M 1 an..14</td>
</tr>
<tr>
<td></td>
<td></td>
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