Automated Commercial Environment

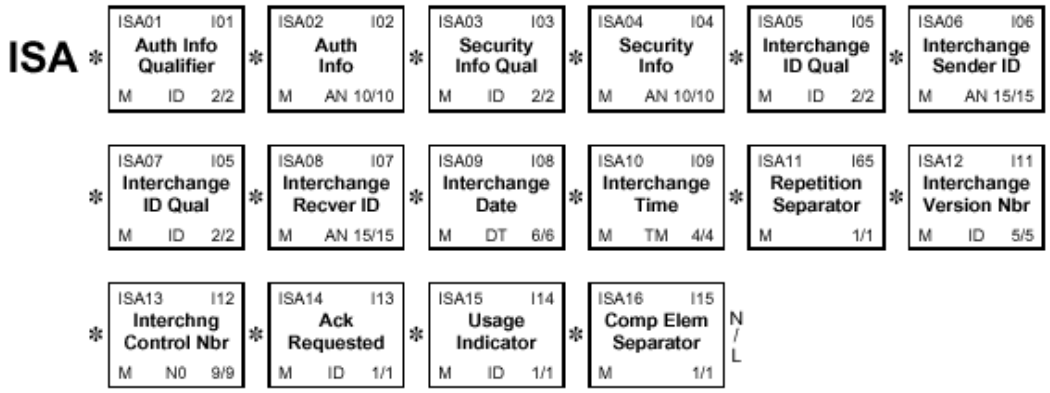
ACE Truck ANSI X12 4060

October 11, 2005

U.S. Customs and Border Protection

Segment: **ISA** Interchange Control Header
Loop: ____
Usage: Mandatory
Max Use: 1
Max Length: 106
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments.

Notes:
1 This segment is fixed length, data should be left justified with trailing Spaces to meet min/man requirements.
2 Unless otherwise stated the trade participant in the ACE truck manifest program will send one single transmission containing one transaction group (GS/GE), containing one transaction set (ST/SE). In the event the trade participant chooses to batch multiple transmissions in a single interchange, notice must be provided to CBP ACE support.



Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ISA01	**I01**	**Authorization Information Qualifier** Code identifying the type of information in the Authorization Information **CODE** **DEFINITION** **00** No authorization information present	**M ID 2/2**
ISA02	**I02**	**Authorization Information** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier. **For truck manifest, there is no authorization information. Map 10 blank spaces in this element**	**M AN 10/10**
ISA03	**103**	**Security Information Qualifier** Code identifying the type of information in the Security Information	**M ID 2/2**
ISA04	**I04**	**Security Information** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) **In truck manifest this element is not used and must be space filled.**	**M AN 10/10**
ISA05	**I05**	**Interchange ID Qualifier** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified. **CODE** **DEFINITION** **02** SCAC (Standard Carrier Alpha Code) **ZZ** Mutually defined **In truck, this indicates a sender or receiver ID that is not SCAC**	**M ID 2/2**
ISA06	**I06**	**Interchange Sender ID** Identification code published by the sender for other parties to use as the receiver	**M AN 15/15**

ID to route data to them; the sender always codes this value in the sender ID data Element

In truck manifest this must reflect a total displacement of 15 bytes. If the Interchange Sender ID does not fill 15 bytes , The remaining amount must be filled with trailing spaces. May also reflect the ID of the bonafide certified service provider

ISA07 I05 **Interchange ID Qualifier** **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified.

CODE	DEFINITION
ZZ	Mutually defined

ISA08 I07 **Interchange Receiver ID** **M AN 15/15**

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.

In the truck manifest use 'CBP-ACE-TEST' for test transmissions and 'CBP-ACE' for production data transmissions. This field must reflect a total displacement of 15 bytes. If the Interchange Receiver ID doesn't fill 15 bytes the remaining amount must be filled with trailing spaces. This may be the service provider who originally initiated the manifest.

ISA09 I08 **Interchange Date** **M DT 6/6**

Date of the interchange

Date expressed as YYMMDD

ISA10 I09 **Interchange Time** **M TM 4/4**

Time of the Interchange

ISA11 I65 **Repetition Separator** **M 1/1**

Type is not applicable: The repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator and the segment terminator.

In truck manifest use '~'

ISA12 I11 **Interchange Control Version Number** **M ID 5/5**

Code specifying the version number of the interchange control segments

CODE	DEFINITION
00406	Standards Approved for Publication by ASC X12 Procedures Revue Board through October 2001

ISA13 I12 **Interchange Control Number** **M NO 9/9**

A control number assigned by the interchange sender

ISA14 I13 **Acknowledgment Requested** **M ID 1/1**

A code sent by the sender to request an interchange acknowledgment

CODE	DEFINITION
0	No acknowledgment requested
1	Interchange Acknowledgment requested

In truck manifest use '0'

ISA15 I14 **Usage Indicator** **M ID 1/1**

Code to indicate whether data enclosed by this interchange envelope is test, production, or information

CODE	DEFINITION
P	Production Data

ISA16 I15 **Component Element Separator** **M 1/1**

Type is not applicable: The component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data element within a composite data structure; this value must be different than the data element separator and the segment terminator.

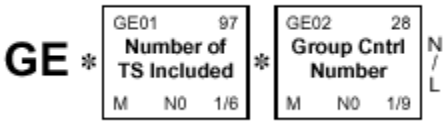
In truck manifest use: ':'

Segment: **GS** Functional Group Header
Loop: ____
Usage: Mandatory
Max Use: 1
Max Length: 82
Purpose: To indicate the beginning of a functional group and to provide control information
Semantic: **1** GS04 is the group date
2 GS05 is the group time
3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02
Comments: N/A

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
GS01	**479**	**Functional Identifier Code** Code identifying a group of application related Transaction Sets.	**M ID 2/2**
GS02	**142**	**Application Sender's Code** Code identifying party sending transmission. Codes agreed to by trading partners. **This may be the identification code of the preparer,agent or broker Preparing the manifest on behalf of the carrier. Truck manifest accepts only 4 positions. If a broker is using his 3 character filer code as identification code it must be preceded by a '5'.**	**M AN 2/15**
GS03	**124**	**Application Receiver's Code** Code identifying party receiving transmission. Codes agreed to by trading partners. **For ACE Truck Manifest use 'CBP-ACE-TEST' for test transmissions and 'CBP-ACE' For production data transmissions.**	**M AN 2/15**
GS04	**373**	**Date** Date expressed as CCYYMMDD	**M DT 8/8**
GS05	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**M TM 4/8**
GS06	**28**	**Group Control Number** Assigned number originated and maintained by the sender.	**M N0 1/9**
GS07	**455**	**Responsible Agency Code M ID 1/2** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 CODE DEFINITION **X** Accredited Standards Committee X12	
GS08	**480**	**Version / Release / Industry Identifier Code** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user). I **In truck manifest this is '004060USCBP'**	**M AN 1/12**

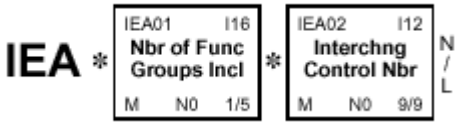
Segment: **GE** Functional Group Trailer
Loop: ____
Usage: Mandatory
Max Use: 1
Max Length: 20
Purpose: To indicate the end of a functional group and to provide control information



Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
GE01	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.	**M N0 1/6**
GE02	**28**	**Group Control Number** Assigned number originated and maintained by the sender.	**M N0 1/9**

Segment: **IEA** Interchange Control Trailer
Loop: ____
Usage: Mandatory
Max Use: 1
Max Length: 20
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments.



Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
IEA01	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in an interchange	**M N0 1/5**
IEA02	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M N0 9/9**