

ANSI X.12 Truck Manifest Implementation Guide

353 Customs Events Advisory Details

May 2018



U.S. Customs and
Border Protection



353 Customs Events Advisory Details

Functional
Group

ID=**AX**

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Customs Events Advisory Details Transaction Set (353) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers to notify Customs of events concerning cargo moving in-bond, or of conveyance arrivals or departures. These events include the arrival of containers, or cargo covered by individual ocean bills of lading or in-bond numbers, which have moved in-bond to an inland destination or which have been exported. Carriers can also use this transaction set to notify Customs of the arrival or departure of a conveyance for which an electronic manifest has been filed and for the transfer of custodial liability when an in-bond movement involves multiple legs.

This Implementation Guideline uses the ASC X12 6050 Standards Version/Release as its base. The transaction structure has been altered to accommodate U.S. Customs and Border Protection implementation requirements.

Notes:

SPECIAL MESSAGING CONSTRAINTS:

- Limit one Interchange (ISA-IEA) per message transmission.
- Limit one message Group (GS-GE) per message transmission.
- Limit one transaction set (ST-SE) of the same Transaction Set (TS) Identifier Code (i.e., 353) are allowed per message transmission.
- Element delimiters used in this transaction must be '*' (asterisk). No blanks between delimiters if element is null.
- Segment delimiters used in this transaction must be one byte with a value of hex '15'.
- A segment delimiter must be the last byte of data in the message transmission data stream.
- Transmit ONLY displayable characters found on a standard American English keyboard. Low-values, carriage return characters, or other non-standard characters must NOT be transmitted.
- 'Not Used' in the left column indicates that a data element will not be used by CBP.
- 'Dep' in the left column indicates that CBP usage of a particular segment or element is Dependent (Conditional) within the CBP application.
- Per the ASC X12 Standard, an 'M' indicates a Mandatory use, 'O' indicates Optional Use and an 'X' indicates a Conditional use.
- CBP requirements may override ASC X12 Standard Mandatory or Conditional usages.
- Maximum allowable message transmission size is 12 megabytes (12,582,912 bytes) of data.

(Last Update: April 2018 Require FIRMS for inbond arrival
May 2018 – M1009 and M1501 notes for EOM and inbond diversion)

<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>
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M	0050	ISA	Interchange Control Header	M	1
M	0075	GS	Functional Group Header	M	1
M	0100	ST	Transaction Set Header	M	1
M	0200	M10	Manifest Identifying Information	M	1
M	0300	P4	Port Information	M	1
Not Used	0350	CM	Cargo Manifest	O	1
LOOP ID - M15					9999
M	0400	M15	Customs Events Advisory Details	M	1
	0410	M7A	Seal Number Replacement	O	22
Not Used	0420	V1	Vessel Identification	O	1
Not Used	0440	V2	Vessel Information	O	1
Not Used	0445	MEA	Measurements	O	1
Not Used	0450	K1	Remarks	O	4
M	0500	SE	Transaction Set Trailer	M	1
M	0550	GE	Functional Group Trailer	M	1
M	0600	IEA	Interchange Control Trailer	M	1

Segment: **ISA** Interchange Control Header
Position: 0050
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ISA01	I01	Authorization Information Qualifier Code identifying the type of information in the Authorization Information Always '00' 00 No Security Information Present (No Meaningful Information in I04)	M 1 ID 2/2
M	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 (I01) Always 10 spaces.	M 1 AN 10/10
M	ISA03	I03	Security Information Qualifier Code identifying the type of information in the Security Information Always '00' 00 No Security Information Present (No Meaningful Information in I04)	M 1 ID 2/2
M	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) Always 10 spaces.	M 1 AN 10/10
M	ISA05	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined	M 1 ID 2/2
M	ISA06	I06	Interchange Sender ID Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element 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. This may also reflect the ID of certified service provider. May be identical to that of GS02.	M 1 AN 15/15
M	ISA07	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined	M 1 ID 2/2
M	ISA08	I07	Interchange Receiver ID 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 USCP Production USCT Testing	M 1 AN 15/15

M	ISA09	I08	Interchange Date Date of the interchange Date as YYYYMMDD where: DD Day of Month MM Month of Year YY Year	M	1	DT 6/6
M	ISA10	I09	Interchange Time Time of the interchange Time as HHMM where: HH Hour MM Minute	M	1	TM 4/4
M	ISA11	I65	Repetition Separator 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	M	1	AN 1/1
M	ISA12	I11	Interchange Control Version Number Code Code specifying the version number of the interchange control segments Always '00710' 00710 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2012	M	1	ID 5/5
M	ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M	1	N0 9/9
M	ISA14	I13	Acknowledgment Requested Code Code indicating sender's request for an interchange acknowledgment Always '0' 0 No Interchange Acknowledgment Requested	M	1	ID 1/1
M	ISA15	I14	Interchange Usage Indicator Code Code indicating whether data enclosed by this interchange envelope is test, production or information Preferred 'P' P Production Data T Test Data	M	1	ID 1/1
M	ISA16	I15	Component Element Separator 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 elements within a composite data structure; this value must be different than the data element separator and the segment terminator Preferred ':' (colon)	M	1	AN 1/1

Segment: **GS** Functional Group Header
Position: 0075
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes:

- 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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets Always 'AX'	M 1 ID 2/2
			AX Customs Events Advisory Details (353)	
M	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners Sender identifier. May be identical to the ISA06.	M 1 AN 2/15
M	GS03	124	Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners USCP Production USCT Testing	M 1 AN 2/15
M	GS04	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date as CCYYMMDD where: CC Century YY Year MM Month of Year DD Day of Month	M 1 DT 8/8
M	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) Use Eastern Standard/Daylight Time. Time as HHMM where: HH Hour MM Minute	M 1 TM 4/8
M	GS06	28	Group Control Number Assigned number originated and maintained by the sender	M 1 N0 1/9
M	GS07	455	Responsible Agency Code Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 Always 'X' X Accredited Standards Committee X12	M 1 ID 1/2

Segment: **ST** Transaction Set Header
Position: 0100
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code identifying a Transaction Set Always '353'	M 1 ID 3/3
			353 Customs Events Advisory Details	
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9
Not Used	ST03	1705	Implementation Convention Reference	O 1 AN 1/35

Segment: **M10** Manifest Identifying Information
Position: 0200
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit manifest identifying information
Syntax Notes:

- 1 If either M1004 or M1010 is present, then the other is required.
- 2 If either M1015 or M1016 is present, then the other is required.

Semantic Notes:

- 1 M1004 is the International Maritime Organization (IMO) Vessel Code maintained in Lloyd's Register of Shipping.
- 2 M1007 is used for the six-digit Numeric Manifest Sequence Number.
- 3 M1011 indicates if the transmission involves an in-bond participant. A "Y" indicates it does; an "N" indicates it does not.
- 4 M1012 is a unique identification number for the manifest assigned by the originator of the manifest with a maximum length of 15.
- 5 M1017 is the type of initial manifest being amended by this transmission.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M1001	140	Standard Carrier Alpha Code Code identifying the Standard Carrier Alpha Code A code representing the automated Carrier in the TS353	O 1 ID 2/4
M1002	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Always 'J' J Truck	O 1 ID 1/2
M1003	26	Country Code Code identifying the country ISO 2 alpha Country Code. Country of origin for land border crossings. Only ANSI X12 syntax validations will be performed on M1003.	O 1 ID 2/3
Not Used M	M1004 M1005	597 182	Vessel Code Vessel Name Name of ship as documented in "Lloyd's Register of Ships" Contains the identification SYSTEM, if the trip number is not known. This field is required for conveyance arrival (M1501=4), Delete Consist (M1501 = S) and Conveyance Export (M1501=8); not validated for all other message codes. - CBP accepts up to 23 alpha/numeric characters in this element.
	M1006	55	Flight/Voyage Number Identifying designator for the particular flight or voyage on which the cargo travels Must contain the Julian date (YYDDD) if a land border crossing This field is required for conveyance arrival (M1501=4), Delete Consist (M1501 = S) and Conveyance Export (M1501=8); not validated for all other message codes. - CBP accepts 30 alpha/numeric characters in this element.
	M1007	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Unique carrier number which will be returned from CBP in the response. If Not provided CBP will return '000001' in the response message. Important to note: When this data element is provided to all subsequent transmissions relative to this manifest (i.e., TS309, TS359, TS353) include this exact sequence number. - CBP accepts up to 6 numeric characters in this element.

Not Used	M1008	380	Quantity	O	1	R 1/15
	M1009	256	Manifest Type Code	O	1	ID 1/1
Code identifying the type of manifest transmitted						
Z End of Manifest						
H Arrival Notification from Carrier to CBP						
To indicate End of Manifest, this M1009 must be 'Z' and M1501 (Notification Entity Qualifier) must be 'Z'.						
Not Used	M1010	897	Vessel Code Qualifier	X	1	ID 1/1
Not Used	M1011	1073	Yes/No Condition or Response Code	O	1	ID 1/1
	M1012	127	Reference Identification	O	1	AN 1/80
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
Carrier assigned reference number that will be returned in the response message.						
- CBP accepts up to 15 alpha/numeric characters in this element.						
Not Used	M1013	353	Transaction Set Purpose Code	O	1	ID 2/2
	M1014	346	Application Type Code	O	1	ID 2/2
Code identifying an operation						
Values accepted by CBP:						
37 Highway Import						
Not Used	M1015	580	Amendment Type Code	X	1	ID 1/1
Not Used	M1016	393	Amendment Code	X	1	ID 2/2
Not Used	M1017	256	Manifest Type Code	O	1	ID 1/1

Segment: **P4 Port Information**
Position: 0300
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying information for a port
Syntax Notes:
Semantic Notes:

- 1 P401 is used for customs district and port code (census schedule D).
- 2 P402 is the estimated date of arrival.
- 3 P403 is used for number of bills of lading.
- 4 P404 is the Facilities Information and Resources Management System (FIRMS) Code.
- 5 P405 is the estimated time of arrival for P402.
- 6 P406 is the date conveyance departed prior port.
- 7 P407 is the time conveyance departed prior port.

Notes: Port of Discharge information. CBP only accepts one P4 segment per transaction for TRUCK applications.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
M	P401	310	Location Identifier Code which identifies a specific location U.S. port of expected entry. Port of physical arrival in the U.S. Refer to Census Schedule D in the CAMIR Appendix E for valid codes.	M	1 AN 1/30
M	P402	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date as CCYYMMDD where: CC - Century YY - Year MM - Month of year DD - Day of Month	M	1 DT 8/8
Not Used	P403	380	Quantity	O	1 R 1/15
Not Used	P404	310	Location Identifier	O	1 AN 1/30
Not Used	P405	337	Time	O	1 TM 4/8
Not Used	P406	373	Date	O	1 DT 8/8
Not Used	P407	337	Time	O	1 TM 4/8

Segment: **M15** Customs Events Advisory Details
Position: 0400
Loop: M15 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To notify Customs of in-bond cargo movement or of a conveyance arrival or departure, or of transfer of custodial liability when an in-bond movement involves multiple legs

- Syntax Notes:**
- 1 At least one of M1504 or M1510 is required.
 - 2 If M1511 is present, then M1510 is required.
 - 3 If either M1513 or M1514 is present, then the other is required.
 - 4 If M1515 is present, then M1516 is required.
 - 5 If either M1518 or M1519 is present, then the other is required.

- Semantic Notes:**
- 1 M1503 is the start date of the event.
 - 2 M1504 is the Schedule D code for place of cargo movement, transfer of liability or conveyance arrival or departure.
 - 3 M1505 is the unique bill of lading issuer code, required when M1501 is "2", "6", or "B".
 - 4 M1506 is the start time of the event.
 - 5 M1508 is the Internal Revenue Service identification number of the next in-bond carrier.
 - 6 M1509 is the Standard Carrier Alpha Code (SCAC) of the next in-bond carrier.
 - 7 M1510 is the city in which a transfer of custodial liability occurs.
 - 8 M1511 is the state or province code for the city named in M1510.
 - 9 If M1512 is "Y", then M1504 is an intermediate port. If "N", then M1504 is the port of final destination.
 - 10 M1515 is the name of the exporting vessel.
 - 11 M1517 is the last foreign port prior to sailing to the U.S. Not used in this data set. Or the Facilities Information and Resources Information System (FIRMS) code of the facility in the inbond destination port/point where the shipment is kept.
 - 12 M1518 is the end date of the event.
 - 13 M1519 is the end time of the event

- Notes:**
1. Only one Conveyance departure for foreign (M1501=8) notification may be reported per TS353 message sent to CBP.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	M1501	Notification Entity Qualifier	M 1 AN 1/2
		Code indicating type of notifications	
		Values accepted by CBP	
		1 Arrive inbond by inbond number at destination port	
		2 Arrive inbond by bill of lading number at destination port	
		3 Arrive inbond by container/equipment at destination port	
		5 Export inbond by inbond number	
		6 Export inbond by bill of lading number	
		7 Export inbond by container/equipment	
		8 Export of conveyance to foreign port	
		B Replace seal	
		C Add Seal	
		D Delete Seal	
		F Cancel inbond arrival by inbond number	
		G Cancel inbond arrival by bill of lading	
		H Cancel inbond arrival by container/equipment	
		I Cancel inbond export by inbond number	
		J Cancel inbond export by bill of Lading	
		K Cancel inbond export by Container/equipment	
		S Delete Consist	
		X En-route message	
		Z End of Manifest or Request for in-bond diversion	

Not Used	M1505 M1506	140 337	Standard Carrier Alpha Code Time	O M	1 1	ID 2/4 TM 4/8						
<p>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)</p> <p>This is the time of the action in M1501 and M1502.</p> <p>Required by CBP when reporting Conveyance Arrival (M1501=4) and Conveyance Export (M1501=8). A future conveyance arrival or export date/time will be Rejected.</p> <p>Use Eastern Standard/Daylight Time. Time as HHMM where:</p> <table border="0"> <tr> <td>HH</td> <td>Hour</td> </tr> <tr> <td>MM</td> <td>Minute</td> </tr> </table>							HH	Hour	MM	Minute		
HH	Hour											
MM	Minute											
Not Used	M1507 M1508	225 127	Seal Number Reference Identification	O O	1 1	AN 2/15 AN 1/80						
<p>The Internal Revenue Service Identification number of the next in-bond carrier.</p> <p>Reference information as defined for a particular transaction set or as specified by the reference qualifier</p> <table border="0"> <tr> <td>NN-NNNNNNNXX</td> <td>IRS number</td> </tr> <tr> <td>YYDDPP-NNNNN</td> <td>CBP assigned number</td> </tr> <tr> <td>NNN-NN-NNNN</td> <td>Social Security Number</td> </tr> </table> <p>CBP will accept up to 12 alpha numeric characters in this element including embedded hyphens</p>							NN-NNNNNNNXX	IRS number	YYDDPP-NNNNN	CBP assigned number	NNN-NN-NNNN	Social Security Number
NN-NNNNNNNXX	IRS number											
YYDDPP-NNNNN	CBP assigned number											
NNN-NN-NNNN	Social Security Number											
Not Used	M1509	140	Standard Carrier Alpha Code	O	1	D 2/4						
Not Used	M1510	19	City Name	X	1	AN 2/30						
Not Used	M1511	156	State or Province Code	O	1	ID 2/2						
Not Used	M1512	1073	Yes/No Condition or Response Code	O	1	ID 1/1						
Not Used	M1513	128	Reference Identification Qualifier	X	1	ID 2/3						
Not Used	M1514	127	Reference Identification	X	1	AN 1/80						
Not Used	M1515	182	Vessel Name	O	1	AN 2/28						
Not Used	M1516	91	Transportation Method/Type Code	X	1	ID 1/2						
	M1517	310	Location Identifier	O	1	AN 1/30						
<p>Code which identifies a specific location</p> <p>Foreign Port where cargo was loaded onto the vessel destined for the U.S. required for M1501 message code of '9'. Not used in this data set. Refer to Census Schedule K in CAMIR Appendix F for valid codes.</p> <p>For M1501 message code of '1', '2', or '3', the Facilities Information and Resource Management Systems (FIRMS) Code must be reported. The FIRMS location must be on file and match the Port of In-bond Arrival given in M1504. The FIRMS location must be on file and match the Port of Departure given in M1504.</p>												
Not Used	M1518	373	Date	X	1	DT 8/8						
Not Used	M1519	337	Time	X	1	TM 4/8						

Segment: **M7A Seal Number Replacement**
Position: 0410
Loop: M15 Mandatory
Level:
Usage: Optional
Max Use: 22
Purpose: To provide an audit trail of seal number changes
Syntax Notes: 1 If either M7A04 or M7A05 is present, then the other is required.
Semantic Notes: 1 M7A01 is the original seal number.
2 M7A02 is the replacement seal number.
3 M7A03 is the date the new seal was installed.
4 M7A04 and M7A05 indicate the party responsible for the seal replacement.
5 M7A06 is a description of why the seal was replaced.
6 M7A07 is the location of the replaced seal on the equipment.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	M7A01	225 Seal Number Unique number on seal used to close a shipment A valid exporter/carrier seal number associated with this shipment. If it is a seal number it must be provided. It cannot include special Characters ('.', '-', '/', etc). This is the seal that is being replaced.	M 1 AN 2/15
M	M7A02	225 Seal Number Unique number on seal used to close a shipment A valid exporter/carrier seal number associated with this shipment. If it is a seal number it must be provided. It cannot include special Characters ('.', '-', '/', etc). This is the seal replacing the seal listed in M7A01.	M 1 AN 2/15
	M7A03	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year The date the change of seal occurred Date as CCYYMMDD where: CC - Century YY - Year MM - Month of year DD - Day of Month	O 1 DT 8/8
	M7A04	98 Entity Identifier Code Code identifying an organizational entity, a physical property, or an individual The identifier of the person in M7A05 Code accepted by CBP: G7 Entity providing Service The carrier representative or government official changing the seal	X 1 ID 2/3
	M7A05	93 Name Free-form name Name of carrier employee or US Agency employee who performed the Seal change.	X 1 N 1/60
	M7A06	352 Description A free-form description to clarify the related data elements and their content Reason for the change of seal.	O 1 AN 1/80
	M7A07	302 Location on Equipment Code Code indicating a location on a piece of equipment, as observed from the rear-end. The rear-end of the equipment is based on the equipment type (i.e.	O 1 ID 1/3

container door, chassis wheels, brakes.)

Codes accepted by CBP:

C	Complete Equipment, Right and Left
F	Front
I	Interior
LF	Left Front
LIC	Left Inner Center
LIF	Left Inside Front
LIR	Left Inside Rear
LOC	Left Outer Center
LOF	Left Outside Front
LOR	Left Outside Rear
LR	Left Rear
LS	Left Side
R	Rear
ROF	Right Outside Front
RF	Right Front
RIC	Right Inner Center
RIF	Right Inside Front
ROC	Right Outer Center
ROR	Right Outside Rear
RR	Right Rear
RS	Right Side
RSC	Right Side Center
RSF	Right Side Front
RSR	Right Side Rear
T	Top
TC	Top Center
TF	Top Front
TR	Top Rear
U	Under

Segment: **SE** Transaction Set Trailer
Position: 0500
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:
Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

Segment: **GE** Functional Group Trailer
Position: 0550
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:
Semantic Notes: 1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	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 1 N0 1/6
M	GE02	28	Group Control Number Assigned number originated and maintained by the sender	M 1 N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 0600
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange	M 1 N0 1/5
M	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender	M 1 N0 9/9