

Implementation Guide

Automated Commercial Environment (ACE)

353 U.S. Customs Events Advisory Details

August 2016



U.S. Customs and
Border Protection

Office of Trade

353 Customs Events Advisory Details

Functional Group ID=**AX**

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the U.S. Customs and Border Protection (CBP) 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 4040 Standards Version/Release as its base.

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: August, 2016) ACE v 1.2

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
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	
LOOP ID - M15						9999
M	0400	M15	Customs Events Advisory Details	M	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 '04' 04 Rail Communications ID	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) SW353 plus 5 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 Always '02' 02 SCAC (Standard Carrier Alpha Code)	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 Sender Identifier. 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 Always 'ZZ' 02 SCAC (Standard Carrier Alpha Code)	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 'USCT' - Testing 'USCP' - Production	M 1 AN 15/15

M	ISA09	I08	Interchange Date Date of the interchange Date as YYMMDD where: YY - Year MM - Month of Year DD - Day of Month	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
	ISA11	I10	Interchange Control Standards Identifier Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer Preferred 'U' U U.S. EDI Community of ASC X12, TDCC, and UCS	O	1	ID 1/1
M	ISA12	I11	Interchange Control Version Number Code specifying the version number of the interchange control segments Always '00404' 00404 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2000	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 indicating sender's request for an interchange acknowledgment Always '0' 0 No Acknowledgment Requested	M	1	ID 1/1
M	ISA15	I14	Usage Indicator 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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets Always 'AX'	M 1 ID 2/2
			AX U.S. 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 'USCT' - Testing 'USCP' - Production	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

M	GS08	480	Version / Release / Industry Identifier Code	M 1 AN 1/12
			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); if code in DE455 in GS segment is T, then other formats are allowed	
			Always '004040'	
			004040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2000

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.

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 uniquely identifying a Transaction Set Always '353'	M 1 ID 3/3
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 At least one of M1005 or M1004 is required.

Semantic Notes:

- 1 M1004 International Maritime Organization (IMO) Code issued by Lloyds
- 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.

Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	M1001	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M 1 ID 2/4
			A code representing the automated Carrier reporting the TS353.	
M	M1002	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment	M 1 ID 1/2
			Always 'R'	
			R Rail	
M	M1003	26	Country Code Code identifying the country	M 1 ID 2/3
			ISO 2 alpha Country Code. Country of rail origin for land border crossings. - Only ANSI X.12 syntax validations will be performed on M1003.	
Not Used	M1004	597	Vessel Code	X 1 ID 1/8
Must Use	M1005	182	Vessel Name Name of conveyance	X 1 AN 2/28
			Contains the Train Identification which is assigned by the border crossing Carrier previously submitted on a TS358.	
			This field is required for Conveyance Arrival (M1501=4), Delete Consist (M1501= S), and Enroute (M1501=X); not validated for all other message codes. For all other codes provide at minimum 2 character Vessel Name. - CBP accepts up to 23 alpha/numeric characters in this element.	
M	M1006	55	Flight/Voyage Number Identifying designator for the particular flight or voyage on which the cargo travels	M 1 AN 2/10
			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 Enroute (M1501=X); not validated for all other message codes. For all other codes provide at minimum 2 character Voyage Number.	
			- CBP will only accept 5 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	O 1 AN 1/50
			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 all subsequent transmissions relative to this manifest (i.e., TS309, TS358 or TS353) must 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
Must Use	M1009	256	Manifest Type Code	O	1	ID 1/1
			Code identifying the type of manifest transmitted			
			Always 'H'. Required by CBP			
			H	Arrival Notification from Carrier to U.S. Customs		
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 1/50
			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 30 alpha/numeric characters in this element.			
Not Used	M1013	353	Transaction Set Purpose Code	O	1	ID 2/2
Not Used	M1014	346	Application Type	O	1	ID 2/2

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.

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	P401	310	Location Identifier Code which identifies a specific location A code representing the CBP Port. Refer to Census Schedule D in CAMIR Appendix E for valid codes. - CBP only accepts 4 numeric characters in this element.	M 1 AN 1/30
M	P402	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Estimated Date of Arrival. 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

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.

Semantic Notes: 1 M1503 is the date of cargo movement, transfer of liability, or conveyance arrival or departure.

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" or "6"

4 M1506 is the time of cargo movement, transfer of liability, or conveyance arrival or departure.

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.

Notes: 1. Only one Conveyance Arrival notification (M1501=4) may be reported per TS353 message sent to CBP.

2. By supplying the export vessel name in the M1515, participants can satisfy U.S. Bureau of CENSUS requirements concerning reporting the waterborne exportation of shipments and the necessity of filing a Commerce Department Form 7513. If information has already been provided in the TS309 Manifest in data elements M1210 and M1211, it does not have to be provided here in the M1515 and M1516 elements.

3. When M1501=3, 7, H, K, or P and M1502 reflects the container number, M1513 and M1514 will be required.

4. Type 61, Immediate Transportation (IT), in-bond need only be arrived. Type 62, Transportation and Exportation (T&E), in-bond must first be arrived and then must be exported. Type 63, Immediate Export (IE), in-bond need only be exported.

5. In-bond Diversion is identified when M1501=Z. The in-bond number is placed in the M1502. An In-bond Diversion is rejected if a hold exists for any Bill on the In-bond and for Type '63' In-bonds.

Data Element Summary

Ref.	Data	Name	Attributes
M	Des. M1501	Element 1497 Notification Entity Qualifier Code indicating type of notifications Values accepted by CBP.	M 1 AN 1/2
		1	Arrive in-bond number at destination/intermediate port
		2	Arrive bill of lading at destination/intermediate port
		3	Arrive container/equipment at destination/intermediate port
		4	Conveyance arrival
		5	Export/depart in-bond number
		6	Export/depart bill of lading
		7	Export/depart container/equipment
		A	Transfer of in-bond liability (in-bond number)
		F	Cancel in-bond arrival

G	Cancel bill of lading arrival
H	Cancel container/equipment arrival
I	Cancel in-bond export
J	Cancel bill of lading export
K	Cancel container/equipment export
L	Cancel transfer of liability by in-bond number
P	Cancel permit to transfer by container/equipment number
S	Delete consist
V	Cancel permit to transfer arrival by bill of lading
X	Conveyance enroute
	Used when train is approximately 1 hour from the border.
Z	Request for in-bond diversion

M M1502 127 Reference Identification M 1 AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

If M1501=1, 5, A, F, I, or L, the M1502 will be the In-bond Number.

If M1501=2, 6, G, J, or V, the M1502 will be the Bill Issuer Sequence Number of the Bill of Lading. The Bill Issuer SCAC is reported in the M1505.

If M1501=3, 7, H, K, or P, the M1502 will be the Equipment Initial and Equipment Number concatenated together (cannot arrive non-containerized (NC) cargo).

If M1501=Z then M1502 will contain the In-bond Number for which the Diversion is being requested. Provide the Diversion Port in M1504.

If M1501 = 4, S, or X then only ANSI X.12 syntax validations will be performed on M1502

- CBP will accept up to 14 alpha/numeric characters in this element.

M M1503 373 Date M 1 DT 8/8

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Required by CBP when the date of the actual in-bond arrival (M1501=1, 2, or 3)/export (M1501=5, 6, or 7) in the destination port, Transfer of In-bond Liability (M1501=A), or Vessel Arrival (M1501=4) are provided.

If M1501 = F, G, H, I, J, K, L, P, S, V, X, then only ANSI X.12 syntax validations will be performed on M1503.

Date as CCYYMMDD where:

CC - Century

YY - Year

MM - Month of Year

DD - Day of Month

Dep	M1504	310	Location Identifier Code which identifies a specific location This element is required when M1501=1, 2, 3, 4, or Z. For all other M1501 message codes only ANSI X.12 syntax validations will be performed on M1504. When M1501=1, 2, or 3, this element represents the Port of In-bond Arrival. When M1501=4, this element represents the Port of Unlading and must equal the value in the P401 Port of Unlading. When M1501=Z, this element represents the Port of the In-bond to which it is Diverted. Refer to Schedule D in CAMIR Appendix E for valid codes. At least one of M1504 or M1510 is required.	X	1	AN 1/30
Dep	M1505	140	Standard Carrier Alpha Code Standard Carrier Alpha Code SCAC of the Issuer of the Bill of Lading. Required when M1501=2, 6, G, J, or V.	O	1	ID 2/4
M	M1506	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) Required by CBP when time of in-bond actual arrival (M1501=1, 2, or 3)/export (M1501=5, 6, or 7) in the destination port, Transfer of In-bond Liability (M1501=A), Vessel Arrival (M1501=4). If M1501 = F, G, H, I, J, K, L, P, S, V, X, then only ANSI X.12 syntax validations will be performed on M1506 Use Eastern Standard/Daylight Time. Time as HHMM where: HH - Hours MM - Minutes	M	1	TM 4/8
Not Used	M1507	225	Seal Number	O	1	AN 2/15
Dep	M1508	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Values accepted by CBP are: NN-NNNNNNNXXX Internal Revenue Service (IRS) YYDDPP-NNNNN CBP Assigned Number NNN-NN-NNNN Social Security Number -CBP will accept up to 12 alpha/numeric characters in this element including embedded hyphens.	O	1	AN 1/50
Dep	M1509	140	Standard Carrier Alpha Code Standard Carrier Alpha Code Required for Transfer of Liability when M1501=A. The code represents the bonded carrier assuming liability for the in-bond movement.	O	1	ID 2/4

Dep	M1510	19	City Name Free-form text for city name Required for Transfer of Liability when M1501=A. Provide City Name where transfer occurs. If M1511 is present, then M1510 is required. At least one of M1504 or M1510 is required. - CBP accepts up to 19 alpha/numeric characters in this element including embedded hyphens.	X	1	AN 2/30
Dep	M1511	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency Required for Transfer of Liability when M1501=A. Provide State Code where transfer occurs. If M1511 is present, then M1510 is required.	O	1	ID 1/2
Not Used	M1512	1073	Yes/No Condition or Response Code	O	1	ID 1/1
Dep	M1513	128	Reference Identification Qualifier Code qualifying the Reference Identification Required if the M1501=3, 7, H, K, or P. If either M1513 or M1514 is present, then the other is required. SEE SEGMENT GREY NOTE 3 ABOVE. BM Bill of Lading Number Applies to M1501 message codes 3, 7, H, K, or P. IB In Bond Number Applies to M1501 message codes 3, 7, H, or K., If used, M1514 is limited to 12 characters. OB Ocean Bill of Lading Applies to M1501 message codes 3, 7, H, K, or P. To be removed in future - use BM instead of OB.	X	1	ID 2/3
Dep	M1514	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Required if the M1501=3, 7, H, K, or P. When Equipment Number or Container Number is reported in M1502, the corresponding Bill of Lading Number or In-bond Number is required. (The In-bond Number can be Paperless or Conventional.) If M1513=IB, then M1514 must be the In-bond Number. If M1513=BM or OB, then M1514 must be the Issuer SCAC and the Bill Issuer Sequence Number which make up the Bill of Lading Number. If either M1513 or M1514 is present, then the other is required. - CBP will accept up to 16 alpha/numeric characters in this element. SEE SEGMENT GREY NOTE 3 ABOVE.	X	1	AN 1/50
	M1515	182	Vessel Name Name of vessel Export Vessel Name. Can be used when M1501=5, 6, or 7 and the Export Vessel Name is known. - CBP will accept up to 23 alpha/numeric characters in this element. SEE SEGMENT GREY NOTE 2 ABOVE.	O	1	AN 2/28
Dep	M1516	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Export Vessel Transportation Method/Type Code. Required by CBP if M1515 is populated. SEE SEGMENT GREY NOTE 2 ABOVE.	O	1	ID 1/2

Dep M1517 310 S Ocean O AN 1/30

Location Identifier
Code which identifies a specific location

For M1501 message code of '1', '2', or '3', report Facilities Information and Resource Management Systems (FIRMS) Code when available. The FIRMS location must be on file and match the Port of In-bond Arrival given in M1504.

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.</u> <u>Des.</u>	<u>Data</u> <u>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.	Data	Name	Attributes
	Des.	Element		
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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