CONTAX

315 Ocean Status Details

ANSI X12 315
Version 4010

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315 Ocean Shipment Status

Functional Group=QO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ocean Status Details Transaction Set (315) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary to report status or event details for selected shipments or containers. It is intended to accommodate the details for one status or event associated with many shipments or containers, as well as more than one status or event for one shipment or container.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	B4	Beginning Segment for Inquiry or Reply	M	1			Must use
030	N9	Reference Identification	O	30			Used
040	Q2	Status Details (Ocean)	O	1			Used

LOOP ID - N1				10
	Name	M	1	
N1	Address Information	O	2	
N3	Geographic Location	O	1	
N4				

LOOP ID - R4					20		
060	R4	Port or Terminal	M	1			Must use
070	DTM	Date/Time Reference	O	15			Used
090	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Pos:

ISA Interchange Control Header

Position:
Loop: N/A
Level: Not Defined
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:
Comments:

Element Summary:

Ref	Id	Element Name		Attributes		
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

Code List Summary (Total Codes: 7, Included: 1)

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name		Attributes		
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

Description: 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)

Ref	Id	Element Name		Attributes		
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information

Code List Summary (Total Codes: 2, Included: 1)

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name		Attributes		
ISA04	I04	**Security Information**	M	AN	10/10	Must use

Description: 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)

Ref	Id	Element Name		Attributes		
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Code List Summary (Total Codes: 38, Included: 2)

Code	Name
02	SCAC (Standard Carrier Alpha Code)
ZZ	Mutually Defined

ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Description: 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

User Note 1: *SCAC*

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

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Code List Summary (Total Codes: 38, Included: 2)

Code	Name
02	SCAC (Standard Carrier Alpha Code)
ZZ	Mutually Defined

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

Description: 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

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

Description: Date of the interchange

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

Description: Time of the interchange

ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer **All valid standard codes are used. (Total Codes: 1)**

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

Description: Code specifying the version number of the interchange control segments

Code List Summary (Total Codes: 14, Included: 1)

Code	Name

| | | | 00401 | | | Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997 |

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

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

Description: Code sent by the sender to request an interchange acknowledgment (TA1)

Code List Summary (Total Codes: 2, Included: 1)

Code	Name
1	Interchange Acknowledgment Requested

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

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

Code List Summary (Total Codes: 3, Included: 2)

Code	Name
P	Production Data
T	Test Data

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

Description: 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

User Note 1: *CONTAX uses "~" as the Component Element Separator*

GS Functional Group Header

Position:
Loop: N/A
Level: Not Defined
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.

Comments:
1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer

Element Summary:

Ref	Id	Element Name		Attributes		
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 240, Included: 1)

Code	Name
QO	Ocean Shipment Status Information (313, 315)

Ref	Id	Element Name		Attributes		
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

| GS03 | 124 | **Application Receiver's Code** | M | AN | 2/15 | Must use |

Description: Code identifying party receiving transmission; codes agreed to by trading partners

| GS04 | 373 | **Date** | M | DT | 8/8 | Must use |

Description: Date expressed as CCYYMMDD

| GS05 | 337 | **Time** | M | TM | 4/8 | Must use |

Description: 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)

| GS06 | 28 | **Group Control Number** | M | N0 | 1/9 | Must use |

Description: Assigned number originated and maintained by the sender

GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

Code List Summary (Total Codes: 2, Included: 1)

Code	**Name**
X	Accredited Standards Committee X12

GS08	480	**Version / Release / Industry Identifier**	M	AN	1/12	Must use **Code**

Description: 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

Code List Summary (Total Codes: 39, Included: 1)

Code	**Name**
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

ST Transaction Set Header

Position: 010
Loop: N/A
Level: Header
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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Element Summary:

Ref	Id	Element Name		Attributes		
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

    Description: Code uniquely identifying a Transaction Set

    Code List Summary (Total Codes: 298, Included: 1)

Code	Name
315	Status Details (Ocean)

Ref	Id	Element Name		Attributes		
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

    Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

B4 Beginning Segment for Inquiry or Reply

Position: 020
Loop: N/A
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:
1. P0708 - If either B407 or B408 is present, then the other is required.
2. P1112 - If either B411 or B412 is present, then the other is required

Semantics:
1. B404 is the date of last reported status of cargo.

Comments:

Element Summary:

Ref	Id	Element Name	Attributes			
B403	157	**Shipment Status Code**	M	ID	1/2	Used

Description: Code indicating the status of a shipment
User Note 1: *Examples of Statuses: Contact CONTAX to determine if additional statuses can be sent*

Code List Summary (Total Codes: 175, Included: 20)

Code	Name
C	Estimated To Depart Terminal Location
D	Completed Unloading at Delivery Location
E	Estimated to Arrive (En Route)
I	In-Gate
AE	Loaded on Vessel
AF	Departed Pickup Location
AG	Estimated Delivery
AH	Attempted Delivery
AL	Loaded on Rail
AM	Loaded on Truck
AN	Delivered to Air Carrier
AO	Loaded on Barge
AP	Loaded on Feeder Vessel

AR		Rail Arrival at Destination Intermodal Ramp				
AU		Shipment Available for Pickup				
AV		Available for Delivery				
BF		Booking Confirmed				
CR		Carrier Release				
CT		Customs Released				
K		Arrived at Customs				
LOG		Shipment Logged				
OA		Out-Gate				
PA		US Custom Hold/Intensive Examination				
RD		Return Container				
RL		Rail Departure from Origin Intermodal Ramp				
UR		Unloaded from a Rail Car				
UV		Unloaded from Vessel				
VA		Vessel Arrival				
VD		Vessel Departure				
X1		Arrived at Delivery Location				
X2		Estimated Time of Arrival at Consignee Location				
X3		Arrived at Pickup Location				
X4		Arrived at Terminal Location				
X5		En Route to Delivery Location				
X7		En Route to Pickup Location				
XB		Shipment Acknowledged				

B404	373	**Date**		M	DT	8/8	Used

Description: Date expressed as CCYYMMDD

B405	161	**Status Time**		O	TM	4/4	Used

Description: Time (HHMM) of last reported status of cargo

B406	159	**Status Location**		O	AN	3/5	Used

Description: Air shipment: Airport code for last reported status for a shipment; (Note: If the shipment is in-flight, the status location is the origin airport for this flight) Ground transportation: Code of carrier's terminal

B407	206	**Equipment Initial**	X	AN	1/4	Used

Description: Prefix or alphabetic part of an equipment unit's identifying number

B408	207	**Equipment Number**	X	AN	1/10	Used

Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

B409	578	**Equipment Status Code**	O	ID	1/2	Used

Description: Code indicating status of equipment

Code List Summary (Total Codes: 14, Included: 2)

Code	Name
E	Empty
L	Load

B410	24	**Equipment Type**	O	ID	4/4	Used

Description: Code identifying equipment type

20 FLEXIBLE BAG CONTAINER	22G1
20 FLAT RACK CONTAINER	22P1
20 STANDARD CONTAINER CLOSED TOP	22G1
20 HIGH CUBE	25G1
20 OPEN TOP CONTAINER	22U1
40 FLAT RACK CONTAINER	42P1
40 STANDARD CONTAINER CLOSED TOP	42G1
40 HIGH CUBE CONTAINER	45G1
40 HIGH CUBE FLAT RACK	45P1
40 OPEN TOP CONTAINER	42U1
42 GENERAL PURPOSE CONTAINER	42G1
45 FLAT RACK	L2P1
45 GENERAL PURPOSE CONTAINER	L2G1
45 HIGH CUBE CONTAINER	L5G1
45 TRAILER	L2P1
48 HIGH CUBE CONTAINER	M5G1
48 TRAILER	M2P1
BREAK BULK	BBLK
LCL/GROUPAGE	LTCL
ROLL ON ROLL OFF	RORO

B412	309	**Location Qualifier**	X	ID	1/2	Used

Description: Code identifying type of location

Code List Summary (Total Codes: 172, Included: 1)

Code	Name
UN	United Nations Location Code (UNLOCODE)

B413	761	**Equipment Number Check Digit**	O	N0	1/1	Used

B411	310	**Location Identifier**		X	AN	1/30	Used

Description: Code which identifies a specific location
User Note 1: *UNLOC*

Description: Number which designates the check digit applied to a piece of equipment
User Note 1: *Ocean Only*

N9 Reference Identification

Position: 030
Loop: N/A
Level: Header
Usage: Optional
Max Use: 30
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1. R0203 - At least one of N902 or N903 is required.
2. 2. C0605 - If N906 is present, then N905 is required
Semantics:
1. N906 reflects the time zone which the time reflects.

2. N907 contains data relating to the value cited in N902

3. N901 is the Standard Carrier Alpha Code (SCAC) of the interline carrier. This must be sent for third-party logistics providers

   Comments:

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

   Description: Code qualifying the Reference Identification

   Code List Summary (Total Codes: 1503, Included: 2)

Code	Name
4F	Carrier Assigned Shipper Number
BM	Bill of Lading Number
BN	Booking Number
EQ	Equipment Number
P8	Pickup Reference Number
PO	Purchase Order Number
SI	Shipper's Identifying Number for Shipment (SID)
SN	Seal Number
VT	Motor Vehicle ID Number
SCA	Standard Carrier Alpha Code
RU	Route Number
TT	Terminal Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/30	Used

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

Q2 Ocean Status Details

Position: 040
Loop: N/A
Level: Header
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information relative to identification of vessel, transportation dates, lading quantity, weight, and cube
Syntax Notes:
    1.   P070816 - If either Q207, Q208 or Q216 are present, then the others are required.
    2.   C1011 - If Q210 is present, then Q211 is required.
    3.   P1415 - If either Q214 or Q215 is present, then the other is required.
Semantic Notes:
    1. Q202 is the code identifying the country in which the ship (vessel) is registered.
    2. Q203 is the required pier date.
    3. Q204 is the date of departure of the vessel.
    4. Q205 is the date the shipment was unloaded from the vessel.
Comments:

Element Summary:

Ref	Id	Element Name	Attributes			
Q201	597	**Vessel Code**	O	ID	1/8	Used

            Description: Code identifying vessel

Ref	Pos	Element Name	Req	Type	Min/Max	Usage
Q206	80	**Lading Quantity**	O	N0	1/7	Used

Description: Number of units (pieces) of the lading commodity

Ref	Pos	Element Name	Req	Type	Min/Max	Usage
Q207	81	**Weight**	X	R	1/10	Used

Description: Numeric value of weight

Ref	Pos	Element Name	Req	Type	Min/Max	Usage
Q208	187	**Weight Qualifier**	X	ID	1/2	Used

Description: Code defining the type of weight

Code List Summary (Total Codes: 51, Included)

Code	Name
G	Gross Weight

Ref	Pos	Element Name	Req	Type	Min/Max	Usage
Q209	55					
Q212	897	**Flight/Voyage Number**	O	AN	2/10	Used

Description: Identifying designator for the particular flight or voyage on which the cargo travels

Ref	Pos	Element Name	Req	Type	Min/Max	Usage
Q213	182					
Q214	183	**Vessel Code Qualifier**	O	ID	1/1	Used

Description: Code specifying vessel code source

Code List Summary (Total Codes: 4, Included: 1)

Code	Name
L	Lloyd's Register of Shipping

Code List Summary (Total Codes: 16, Included: 1)

Ref	Pos	Element Name	Req	Type	Min/Max	Usage
Q215	184	**Vessel Name**	M	AN	2/28	Used

Description: Name of ship as documented in "Lloyd's Register of Ships"

Element Name	Req	Type	Min/Max	Usage
Volume	X	R	1/8	Used

Description: Value of volumetric measure

Element Name	Req	Type	Min/Max	Usage
Volume Unit Qualifier	X	ID	1/1	Used

Description: Code identifying the volume unit

Code	Name
X	Cubic Meters

Q216 188 **Weight Unit Code** X ID 1/1 Used

Description: Code specifying the weight unit

Code List Summary (Total Codes: 8, Included: 1)
Code | **Name**
K | Kilograms

N1 Name

Position:
Loop: N1
Level: Header
Usage:
Max Use: 1
Purpose: To identify a party by type of organization, name and code
Syntax Notes:
   1.   At least one of N102 or N103 is required.
   2.   If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:
   1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
   2. N105 and N106 further define the type of entity in N101.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

BT	Bill-to-Party
CA	Carrier
CN	Consignee
SH	Shipper

	Ref. Des.	Data Element	Name	Attributes
	N102	93	**Name**	**X AN 1/60**

Free-form name

	Ref. Des.	Data Element	Name	Attributes
	N103	66	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

92	Assigned by Buyer or Buyer's Agent

	Ref. Des.	Data Element	Name	Attributes
	N104	67	**Identification Code**	**X AN 2/80**

Code identifying a party or other code

N3 Address Information

Position:
Loop: N1
Level: Header
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	M AN 1/55
			Address information	
	N302	166	**Address Information**	O AN 1/55
			Address information	

N4 Geographic Location

Position:
Loop: N1
Level: Header
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
    1.   If N406 is present, then N405 is required.
Semantic Notes:
Comments:
    1.   A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
    2.   N402 is required only if city name (N401) is in the U.S. or Canada

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	**City Name** Free-form text for city name	O AN 2/30
N402	156	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	**Country Code** Code identifying the country	O ID 2/3

Loop Port or Terminal

Position: 060
Loop: R4
Level:
Usage: Mandatory
Max Use: 20
Purpose: Contractual or operational port or point relevant to the movement of the cargo
Syntax Notes:
Semantic Notes:
Comments:

Loop Summary:

Pos	Id	Segment Name	Attributes		
060	R4	Port or Terminal	M	1	Must use
070	DTM	Date/Time Reference	O	15	Used

R4   Port or Terminal

Position: 060
Loop: R4
Level:
Usage: Mandatory
Max Use: 1
Purpose: Contractual or operational port or point relevant to the movement of the cargo
Syntax Notes:
    1.   P0203 - If either R402 or R403 is present, then the other is required.
Semantic Notes:
Comments:
    1.   R4 is required for each port to be identified.

Element Summary:

Ref	Id	Element Name		Attributes		
R401	115	**Port or Terminal Function Code**	M	ID	1/1	Must use

Description: Code defining function performed at the port or terminal with respect to a shipment
User Note 1: *5 - used strictly for Customs events and R,L,D,E will not be provided for those events.*

Code List Summary (Total Codes: 30, Included: 5)

Code	Name
5	Activity Location (Operational)
D	Port of Discharge (Operational)
E	Place of Delivery (Contractual)
L	Port of Loading (Operational)
R	Place of Receipt (Contractual)

Ref	Id	Element Name		Attributes		
R402	309	**Location Qualifier**	X	ID	1/2	Used

Description: Code identifying type of location

Code List Summary (Total Codes: 172, Included: 1)

Code	Name

| | | UN | United Nations Location Code (UNLOCODE) | | | | |

R403	310	**Location Identifier**	X	AN	1/30	Used

Description: Code which identifies a specific location

R404	114	**Port Name**	O	AN	2/24	Used

Description: Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property

R405	26	**Country Code**	O	ID	2/3	Used

Description: Code identifying the country

R408	156	**State or Province Code**	O	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

DTM Date/Time Reference

Position: 070
Loop: R4
Level: Header
Usage: Optional
Max Use: 15
Purpose: To specify pertinent dates and times
Syntax Notes:
Semantic Notes:
1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Comments:

Element Summary:

Ref	Id	Element Name		Attributes		
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

Code List Summary (Total Codes: 1112, Included: 2)

Code	Name
139	Estimated
140	Actual

Ref	Id	Element Name		Attributes		
DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name		Attributes		
DTM03	337	**Time**	X	TM	4/8	Used

Description: 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)

DTM04	623	**Time Code**		O	ID	2/2	Used

Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Code List Summary (Total Codes: 51, Included: 1)

Code	**Name**
LT	Local Time

SE   Transaction Set Trailer

Position: 090
Loop:
Level: Header
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:
Comments:
   1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name		Attributes		
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name		Attributes		
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

GE Functional Group Trailer

Position:
Loop:
Level: Not Defined
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.
Comments:
1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Element Summary:

Ref	Id	Element Name		Attributes		
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use

Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name		Attributes		
GE02	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

IEA   Interchange Control Trailer

Position:
Loop:
Level: Not Defined
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:
Comments:

Element Summary:

Ref	Id	Element Name		Attributes		
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use

Description: A count of the number of functional groups included in an interchange

Ref	Id	Element Name		Attributes		
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

To transmit identifying numbers and other basic data relating to the transaction set

    1   At least one of B1001 or B1006 is required.

    2   Only one of B1001 or B1005 may be present.

    3   If either B1005 or B1006 is present, then the other is required.

Semantic Notes: 1   B1001 is the carrier assigned reference number.

    2   B1007 indicates if the reference numbers included in this transmission were transmitted to the carrier via EDI or key entered by the carrier. A "Y" indicates that the carrier received the reference numbers in an EDI transmission; an "N" indicates that the carrier did not receive the reference numbers in an EDI transmission and key entered the data from a shipper supplied document.

Comments: 1 B1001 is the carrier's PRO (invoice number) that identifies the shipment.

    2   B1003 is required when used in Transaction Set 214.

    3   B1006 is the carrier assigned bar code identification or another carrier assigned shipment identification, such as a manifest number.