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315 Status Details (Ocean/Air)

X12/V4010: 315 Status Details (Ocean/Air)

Version: 1.7

Publication: 1/10/2025

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315 Status Details (Ocean)

Functional Group=QO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Status Details (Ocean) 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	M	30			Must use
040	Q2	Status Details (Ocean)	M	1			Must use
050	SG	Shipment Status	O	15			Used
LOOP ID - R4					**20**		
060	R4	Port or Terminal	M	1			Must use
070	DTM	Date/Time Reference	M	15			Must use
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

ISA   Interchange Control Header

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 16**

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
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

All valid standard codes are used. (Total Codes: 38)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage

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

User Note 1:

PROD: RBTWRMS

TEST: RBTWRMSTEST

| 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

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

Code Name
U   U.S. EDI Community of ASC X12, TDCC, and UCS

| 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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

User Note 1: *Prefered character: >*

GS Functional Group Header

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

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

User Note 1: *PROD: RBTWRMS*

TEST: RBTWRMSTEST

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

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,

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		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

Semantics:

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.

ST Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set
All valid standard codes are used. (Total Codes: 298)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Semantics:

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).

B4 Beginning Segment for Inquiry or Reply

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 7**

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B403	157	**Shipment Status Code**	M	ID	1/2	Must use

Description: Code indicating the status of a shipment

Code List Summary (Total Codes: 177, Included: 31)

Code	Name
D	Completed Unloading at Delivery Location

Description: *Shipment was delivered to the consignee or receiver*

User Note 1:

Required when applicable for Ocean and Air Shipments

I	In-Gate

User Note 1:

Required when applicable for Ocean Shipments

J	Delivered to Connecting Line

Description: *Shipment has been delivered to an interline carrier*

K	Arrived at Customs

Description: *Customs delay; shipment is being processed at the customs location*

P	Departed Terminal Location

Description: *Shipment has left the carrier's terminal or other control point*

T	At Terminal; Intra-Terminal Movement
AC	Awaiting Clearance
AE	Loaded on Vessel

User Note 1:

Required when applicable for Ocean Shipments

AF	Departed Pickup Location

Description: *Shipment has been picked up*

User Note 1:

Required when applicable for Ocean and Air Shipments

AG	Estimated Delivery

Description: *Estimated date of delivery to the consignee or receiver*

User Note 1:

Required when applicable for Ocean and Air Shipments

AL	Loaded on Rail

User Note 1:

Required when applicable for Ocean Shipments

AP	Loaded on Feeder Vessel
AR	Rail Arrival at Destination Intermodal Ramp

User Note 1:

Required when applicable for Ocean Shipments

AW	Awaiting Export

		Code	**Name**
			Description: *Shipment in transit*
		CO	Cargo Received at Contractual Place of Receipt
		CT	Customs Released
		MT	Empty Committed
		OA	Out-Gate

User Note 1:

Required when applicable for Ocean Shipments

		RD	Return Container
		RL	Rail Departure from Origin Intermodal Ramp

User Note 1:

Required when applicable for Ocean Shipments

		SD	Shipment Delayed
		UV	Unloaded From Vessel

User Note 1:

Required when applicable for Ocean Shipments

		VA	Vessel Arrival

Description: *Vessel scheduled to arrive or has arrived*

User Note 1:

Required when applicable for Ocean Shipments

		VD	Vessel Departure

Description: *Vessel scheduled to depart or has departed*

User Note 1:

Required when applicable for Ocean Shipments

		WD	Wheels Down

User Note 1:

Required when applicable for Air Shipments

		WU	Wheels Up

User Note 1:

Required when applicable for Air Shipments

		X1	Arrived at Delivery Location

Description: *The carrier has arrived at the shipment delivery location*

User Note 1:

Required when applicable for Ocean and Air shipments

		X3	Arrived at Pick-up Location

User Note 1:

Required when applicable for Ocean and Air Shipments

		X4	Arrived at Terminal Location
		X6	En Route to Delivery Location
		X7	En Route to Pick-up Location

B404	373	**Date**	M	DT	8/8	Must use

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**	M	AN	3/5	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		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				
		User Note 1: *For air shipments, an IATA code specific to an airport should be provided.*				
B407	206	**Equipment Initial**	O	AN	1/4	Used
		Description: Prefix or alphabetic part of an equipment unit's identifying number				
		User Note 1: *Required for Ocean Shipments.*				
B408	207	**Equipment Number**	O	AN	1/10	Used
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)				
		User Note 1: *Required for Ocean Shipments.*				
B413	761	**Equipment Number Check Digit**	O	N0	1/1	Used
		Description: Number which designates the check digit applied to a piece of equipment				
		User Note 1: *Required for Ocean Shipments.*				

Syntax Rules:

1. P0708 - If either B407 or B408 is present, then the other is required.

Semantics:

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

User Note 1:

See final page of specification for expected events and usage

N9 Reference Identification

Pos: 030	**Max: 30**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

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: 8)

Code	Name
AG	Agent's Shipment Number

> **User Note 1:**
> *Required - CHR Load Number.*

AW	Air Waybill Number

> **User Note 1:**
> *Required when Air shipment.*

BM	Bill of Lading Number

> **User Note 1:**
> *Required - House Bill of Lading (HBL)*

CN	Carrier's Reference Number (PRO/Invoice)

> **User Note 1:**
> *Required - Forwarder Tracking Number*

CR	Customer Reference Number

> **User Note 1:**
> *Should contain N902 (N901 = "CR") from 304*

MB	Master Bill of Lading

> **User Note 1:**
> *Required - Master Bill of Lading (MBOL)*

MO	Mode

> **User Note 1:**
> *Required - Used to indicate mode:*
> *Ocean: N902 = "VE"*
> *Air: N902 = "A"*

SCA	Standard Carrier Alpha Code (SCAC)

> **User Note 1:**
> *Required - Freight Forwarder SCAC. Should match B202 from 304.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/80	Must use

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

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

Q2 Status Details (Ocean)

Pos: 040	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To transmit identifying information relative to identification of vessel, transportation dates, lading quantity, weight, and cube

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q201	597	**Vessel Code**	C	ID	1/8	Used

> **Description:** Code identifying vessel
>
> **User Note 1:** *Required for ocean shipments. IMO Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q203	373	**Date**	O	DT	8/8	Used

> **Description:** Date expressed as CCYYMMDD
>
> **User Note 1:** *Required for Ocean Shipments. Port Cutoff Date.*
>
> *If actual date is unknown, provide estimated date.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q204	373	**Date**	O	DT	8/8	Used

> **Description:** Date expressed as CCYYMMDD
>
> **User Note 1:** *Vessel departure date. If actual date is unknown, provide estimated date.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q205	373	**Date**	O	DT	8/8	Used

> **Description:** Date expressed as CCYYMMDD
>
> **User Note 1:** *Vessel arrival date. If actual date is unknown, provide estimated date.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q209	55	**Flight/Voyage Number**	M	AN	2/10	Must use

> **Description:** Identifying designator for the particular flight or voyage on which the cargo travels
>
> **User Note 1:** *For air shipments, should be formatted "AA1234"; the 1st two characters should be alpha, followed by numeric flight number.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q210	128	**Reference Identification Qualifier**	O	ID	2/3	Used

> **Description:** Code qualifying the Reference Identification
>
> **Code List Summary** (Total Codes: 1503, Included: 1)
>
> **Code Name**
>
> SCA   Standard Carrier Alpha Code (SCAC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q211	127	**Reference Identification**	X	AN	1/30	Used

> **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
>
> **User Note 1:** *Required for Ocean Shipments. SCAC of the Steamship Line.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Q213	182	**Vessel Name**	M	AN	2/28	Must use

> **Description:** Name of ship as documented in "Lloyd's Register of Ships"
>
> **User Note 1:** *Required. Vessel Name or Airline Name.*

Syntax Rules:

1. C1011 - If Q210 is present, then Q211 is required.

SG Shipment Status

Pos: 050	**Max: 15**
Heading - Optional	
Loop: N/A	**Elements: 1**

User Option (Usage): Used

Purpose: To convey the status of a shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SG02	641	**Status Reason Code**	X	ID	3/3	Used

Description: Code indicating the status reason

Code List Summary (Total Codes: 387, Included: 45)

Code	Name
001	Missed Flight
002	Flight Delay
003	Flight Rerouted
004	Broker Related
005	Capacity/Space/Rolled
006	Vessel Delay
007	Customs Delay
008	Customs Delay
009	Vessel Rerouted
010	Origin CFS Delays
011	Destination CFS Delays
012	Handover Delayed
013	Late Delivery to Airport
014	Late Delivery to Port
015	Missed Vessel
016	Port Delays
017	No Equipment/Capacity
018	Commodity/Packaging Issue
029	Transfer of Ownership Pending
049	Merchandise Damaged or Destroyed
052	Import Container Delay
A03	Incorrect Address
A07	Refused by Consignee
A11	Business Closed
A17	Customer Requested Future Delivery
A18	Missort
A24	Accident
A26	Consignee Related
A30	Mechanical Breakdown
A40	Shipper Related
A43	Weather or Natural Disaster Related
A50	Improper International Paperwork
A55	Hold Due to Customs/Documentation
A65	Customs Release

Code	Name
A95	Past Cutoff Time
A96	Insufficient Pickup Time
B01	Reconsigned
B08	Improper Unloading Facility or Equipment
B14	Missing Documents
B15	Border Clearance
D01	Carrier Dispatch Error
P02	Waiting Inspection
T07	Insufficient Delivery Time
THT	Theft
W15	Wrong Equipment

Loop Port or Terminal

Pos: 060	**Repeat: 20**
	Mandatory
Loop: R4	**Elements: N/A**

User Option (Usage): Must use

Purpose: Contractual or operational port or point relevant to the movement of the cargo

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
060	R4	Port or Terminal	M	1		Must use
070	DTM	Date/Time Reference	M	15		Must use

R4 Port or Terminal

<table>
<tr><td>Pos: 060</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: R4</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Must use

Purpose: Contractual or operational port or point relevant to the movement of the cargo

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

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

Code	Name
D	Port of Discharge

> **User Note 1:**
> *Required - When shipment is Air, this will represent destination airport.*

E	Place of Delivery

> **User Note 1:**
> *Required - Place at which cargo leaves its care and custody of carrier*

L	Port of Loading

> **User Note 1:**
> *Required - When shipment is Air, this will represent origin airport.*

R	Place of Receipt

> **User Note 1:**
> *Required - Place at which cargo enters the care and custody of carrier.*

T	Transshipment Port

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R402	309	**Location Qualifier**	M	ID	1/2	Must use

Description: Code identifying type of location

Code List Summary (Total Codes: 172, Included: 3)

Code	Name
CI	City
IA	International Air Transport Association (IATA) Location Qualifier
UN	United Nations Location Code (UNLOCODE)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R403	310	**Location Identifier**	M	AN	1/30	Must use

Description: Code which identifies a specific location

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R405	26	**Country Code**	O	ID	2/3	Used

Description: Code identifying the country

Syntax Rules:

1. P0203 - If either R402 or R403 is present, then the other is required.

Comments:

1. R4 is required for each port to be identified.

DTM Date/Time Reference

Pos: 070	**Max: 15**
Heading - Mandatory	
Loop: R4	**Elements: 4**

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

All valid standard codes are used. (Total Codes: 51)

Syntax Rules:

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.

User Note 1:

DTM02 (DTM01 = "140") is requried for the R4 (route stop) to which the event code pertains

User Note 2:

For example, if the B403 = "UV" (unloaded from vessel), an instance of DTM02 (DTM01 = "140") is expected within the R4 (R401 = "D") loop

SE **Transaction Set Trailer**

Pos: 090	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
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

Comments:

1. SE is the last segment of each transaction set.

GE   Functional Group Trailer

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Semantics:

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.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

| IEA02 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use |

Description: A control number assigned by the interchange sender