EDI 315 Status

Functional Group ID=QO

Introduction:

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.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	B4	Beginning Segment for Inquiry or Reply	M	1		
Must Use	030	N9	Reference Number	O	30		
Must Use	040	Q2	Status Details (Ocean)	O	1		
Not Used	050	SG	Shipment Status	O	15		
			LOOP ID - R4			20	
M	060	R4	Port	M	1		
Must Use	070	DTM	Date/Time Reference	O	15		
Not Used	080	V9	Event Detail	O	10		
M	090	SE	Transaction Set Trailer	M	1		

Segment:	**ST** Transaction Set Header		
Position:	010		
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).		
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			315 X12.122 Status Details (Ocean)	
M	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment:		**B4** Beginning Segment for Inquiry or Reply			
Position:		020			
Loop:					
Level:					
Usage:		Mandatory			
Max Use:		1			
Purpose:		To transmit identifying numbers, dates, and other basic data relating to the transaction set			
Syntax Notes:		**1** If either B407 or B408 is present, then the other is required.			
		2 If either B411 or B412 is present, then the other is required.			
Semantic Notes:		**1** B404 is the date of last reported status of cargo.			
Comments:					
Notes:		EXAMPLE: B4~~~A			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
X	B401	152	**Special Handling Code**		O	ID 2/3
			Code specifying special transportation handling instructions			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	B402	71	**Inquiry Request Number**		O	N0 1/3
			Identifying number assigned by inquirer			
>>	B403	157	**Status Code**		O	ID 1/2
			Code indicating the status of a shipment			
			A	Arrived		
				Shipment has arrived at the location specified		
			P	Departed Terminal Location		
				Shipment has left the carrier's terminal or other control point		
X	B404	373	**Date**		O	DT 6/6
			Date (YYMMDD)			
X	B405	161	**Status Time**		O	TM 4/4
			Time (HHMM) of last reported status of cargo			
X	B406	159	**Status Location**		O	AN 3/5
			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			
X	B407	206	**Equipment Initial**		X	AN 1/4
			Prefix or alphabetic part of an equipment unit's identifying number			
X	B408	207	**Equipment Number**		X	AN 1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)			
X	B409	578	**Equipment Status Code**		O	ID 1/2
			Code indicating status of equipment			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	B410	24	**Equipment Type**		O	ID 4/4
			Code identifying equipment type			
X	B411	310	**Location Identifier**		X	AN 1/30
			Code which identifies a specific location			
X	B412	309	**Location Qualifier**		X	ID 1/2
			Code identifying type of location			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment:	**N9** Reference Number
Position:	030
Loop:	
Level:	
Usage:	Optional (Must Use)
Max Use:	30
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes:	**1** At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
Semantic Notes:	**1** N906 reflects the time zone which the time reflects.
Comments:	
Notes:	EXAMPLE: N9~SI~442995.128154
	EXAMPLE: N9~ZC~ABCD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	N901	128	**Reference Number Qualifier**	M	ID 2/2

Code qualifying the Reference Number.

	SI	Shipper's Identifying Number for Shipment (SID)
		A unique number (to the shipper) assigned by the shipper to identify the shipment
	ZC	Connecting Carrier

	Ref. Des.	Data Element	Name		Attributes
>>	N902	127	**Reference Number**	X	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name		Attributes
X	N903	369	**Free-form Description**	X	AN 1/45

Free-form descriptive text

	Ref. Des.	Data Element	Name		Attributes
X	N904	373	**Date**	O	DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name		Attributes
X	N905	337	**Time**	X	TM 4/8

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. Des.	Data Element	Name		Attributes
X	N906	623	**Time Code**	O	ID 2/2

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 Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**Q2** Status Details (Ocean)	
Position:	040	
Loop:		
Level:		
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To transmit identifying information relative to identification of vessel, transportation dates, lading quanity, weight and cube	

Syntax Notes:	**1**	If Q210 is present, then Q211 is required.
	2	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:	
Notes:	EXAMPLE: Q2~~~~~~~~~AW~9360534912

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
X	Q201	597	**Vessel Code**	O	**ID 1/7**
			Code identifying vessel		
X	Q202	26	**Country Code**	O	**ID 2/3**
			Code identifying the country		
X	Q203	373	**Date**	O	**DT 6/6**
			Date (YYMMDD)		
X	Q204	373	**Date**	O	**DT 6/6**
			Date (YYMMDD)		
X	Q205	373	**Date**	O	**DT 6/6**
			Date (YYMMDD)		
X	Q206	80	**Lading Quantity**	O	**N0 1/7**
			Number of units (pieces) of the lading commodity		
X	Q207	81	**Weight**	O	**R 1/10**
			Numeric value of weight		
X	Q208	187	**Weight Qualifier**	O	**ID 1/2**
			Code defining the type of weight		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	Q209	55	**Flight/Voyage Number**	O	**AN 2/10**
			Identifying designator for the particular flight or voyage on which the cargo travels		
>>	Q210	128	**Reference Number Qualifier**	O	**ID 2/2**
			Code qualifying the Reference Number.		
			AW Air Waybill Number		
>>	Q211	127	**Reference Number**	X	**AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
X	Q212	897	**Vessel Code Qualifier**	O	**ID 1/1**
			Code specifying vessel code source		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	Q213	182	**Vessel Name**	O	**AN 2/28**
			Name of ship as documented in "Lloyd's Register of Ships"		

X	Q214	183	**Volume**	X	R 1/8
			Value of volumetric measure		

X	Q215	184	**Volume Unit Qualifier**	X	ID 1/1

Code identifying the volume unit

Refer to 003050 Data Element Dictionary for acceptable code values.

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

Code specifying the weight unit

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**R4** Port
Position:	060
Loop:	R4 Mandatory
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	Contractual or operational port or point relevant to the movement of the cargo
Syntax Notes:	**1** 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.
Notes:	EXAMPLE: R4~D~~~SAN SALVADOR~SV

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	R401	115	**Port Function Code**	M	ID 1/1

Code defining function performed at the port with respect to a shipment

	D		Port of Discharge (Operational)

Port at which cargo is unloaded from vessel

	L		Port of Loading (Operational)

Port at which cargo is loaded on vessel

	Ref. Des.	Data Element	Name		Attributes
X	R402	309	**Location Qualifier**	X	ID 1/2

Code identifying type of location

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
X	R403	310	**Location Identifier**	X	AN 1/30

Code which identifies a specific location

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

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

Code identifying the country

X	R406	174	**Terminal Name**	O	AN 2/30

Free-form field for terminal name

X	R407	113	**Pier Number**	O	AN 1/4

Identifying number for the pier

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

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

DTM Date/Time Reference

Segment:	
Position:	070
Loop:	R4 Mandatory
Level:	
Usage:	Optional (Must Use)
Max Use:	15
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	EXAMPLE: DTM~011~030529~1943
	EXAMPLE: DTM~057~030529~1442

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			011 Shipped		
			057 Actual Port of Entry		
>>	DTM02	373	**Date**	X	DT 6/6
			Date (YYMMDD)		
>>	DTM03	337	**Time**	X	TM 4/8
			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)		
X	DTM04	623	**Time Code**	O	ID 2/2
			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 Refer to 003050 Data Element Dictionary for acceptable code values.		
X	DTM05	624	**Century**	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
X	DTM06	1250	**Date Time Period Format Qualifier**	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	DTM07	1251	**Date Time Period**	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

<table>
<tr><td align="right">**Segment:**</td><td>**SE** **Transaction Set Trailer**</td></tr>
<tr><td align="right">**Position:**</td><td>090</td></tr>
<tr><td align="right">**Loop:**</td><td></td></tr>
<tr><td align="right">**Level:**</td><td></td></tr>
<tr><td align="right">**Usage:**</td><td>Mandatory</td></tr>
<tr><td align="right">**Max Use:**</td><td>1</td></tr>
<tr><td align="right">**Purpose:**</td><td>To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).</td></tr>
<tr><td align="right">**Syntax Notes:**</td><td></td></tr>
<tr><td align="right">**Semantic Notes:**</td><td></td></tr>
<tr><td align="right">**Comments:**</td><td>**1**   SE is the last segment of each transaction set.</td></tr>
</table>

Data Element Summary

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