

MERVYNS

315 Status Details (Ocean)

Version: X12 4020

Table of Contents

315	Status Details (Ocean)	3
ST	Transaction Set Header	4
B4	Beginning Segment for Inquiry or Reply	5
N9	Reference Identification	7
Q2	Status Details (Ocean)	8
R4	Loop R4	9
R4	Port or Terminal	10
DTM	Date/Time Reference	12
SE	Transaction Set Trailer	13

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.

Heading:

<u>Page</u>	<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
4	0100	ST	Transaction Set Header	M	1			Must use
5	0200	B4	Beginning Segment for Inquiry or Reply	M	1			Must use
7	0300	N9	Reference Identification	M	30			Must use
8	0400	Q2	Status Details (Ocean)	M	1			Must use
9	<u>LOOP ID - R4</u>			-	-	<u>20</u>	-	-
10	0600	R4	Port or Terminal	M	1			Must use
12	0700	DTM	Date/Time Reference	M	15			Must use
13	0900	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 0100	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

Sample ST Segment(s)

ST*315*0001~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		<u>Code</u>		<u>Name</u>		
		315		Status Details (Ocean)		
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) 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).

B4

Beginning Segment for Inquiry or Reply

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 10

User Option (Usage): Must use

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

Sample B4 Segment(s)

B4*OOL**CT*20070504*0000*2704*KKFU*720311*L**LONG BEACH, CA*D*6~
 B4***AV*20070502*0515*USLGB*KKFU*905754*L**LONG BEACH*CI~
 B4***OA*20070501*1856*USLGB*OOLU*816319*L*45G1*Long Beach Cntr Terminal (LBCT*CI~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
B403	157	Shipment Status Code	O	ID	1/2	Used

Description: Code indicating the status of a shipment

<u>Code</u>	<u>Name</u>
C	Estimated To Depart Terminal Location
E	Estimated to Arrive (En Route) Description: <i>Shipment is estimated to arrive at the location specified</i>
I	In-Gate
L	Loading Description: <i>Shipment is being loaded at a carrier's terminal or facility</i>
U	Unloading Description: <i>Shipment being unloaded</i>
AE	Loaded on Vessel
AL	Loaded on Rail
AR	Rail Arrival at Destination Intermodal Ramp
AV	Available for Delivery Description: <i>Shipment available for delivery</i>
CR	Carrier Release
CT	Customs Released
OA	Out-Gate
UV	Unloaded From Vessel
VA	Vessel Arrival Description: <i>Vessel scheduled to arrive or has arrived</i>
VD	Vessel Departure Description: <i>Vessel scheduled to depart or has departed</i>
X1	Arrived at Delivery Location Description: <i>The carrier has arrived at the shipment delivery location</i>

B404	373	Date	O	DT	8/8	Used
------	-----	------	---	----	-----	------

Description: Date expressed as CCYYMMDD

B405	337	Time	O	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)

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
 <UNLOCODE> United Nations Location Code 'XXXXX' No UNLOCODE available '000'
 Location not mapped by carrier

B407	206	Equipment Initial	X	AN	1/4	Used
Description: Prefix or alphabetic part of an equipment unit's identifying number <i>Container Prefix</i>						
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) <i>Container Number</i>						
B409	578	Equipment Status Code	O	ID	1/2	Used
Description: Code indicating status of equipment						
		<u>Code</u>	<u>Name</u>			
		E	Empty			
		L	Load			
B411	310	Location Identifier	X	AN	1/30	Used
Description: Code which identifies a specific location <i>Event City Name</i>						
B412	309	Location Qualifier	X	ID	1/2	Used
Description: Code identifying type of location <i>City Name Qualifier</i>						
		<u>Code</u>	<u>Name</u>			
		CI	City			
B413	761	Equipment Number Check Digit	O	N0	1/1	Used
Description: Number which designates the check digit applied to a piece of equipment						

Syntax Rules:

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.
2. B405 is the time (HHMM) of the last reported status of the cargo.

N9

Reference Identification

Pos: 0300	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

Sample N9 Segment(s)

N9*BN*854143200~

N9*BM*599920332~

Element Summary:

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

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
7U	Related Transaction Reference Number
BM	Bill of Lading Number
BN	Booking Number
CG	Consignee's Order Number
FN	Forwarder's/Agent's Reference Number
PO	Purchase Order Number
SI	Shipper's Identifying Number for Shipment (SID)
	Description: A unique number (to the shipper) assigned by the shipper to identify the shipment
ZZ	Mutually Defined

N902	127	Reference Identification	M	AN	1/30	Must use
------	-----	--------------------------	---	----	------	----------

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

Q2

Status Details (Ocean)

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

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

Sample Q2 Segment(s)

Q2*9266542*AG**20070312**434*6023*G*0714**MAEU*L*MAERSK FORTALEZA***L~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Q201	597	Vessel Code	O	ID	1/8	Used
Description: Code identifying vessel						
<i>Vessel Code</i>						
Q209	55	Flight/Voyage Number	O	AN	2/10	Used
Description: Identifying designator for the particular flight or voyage on which the cargo travels						
<i>Voyage Number</i>						
Q212	897	Vessel Code Qualifier	O	ID	1/1	Used
Description: Code specifying vessel code source						
		<u>Code</u>	<u>Name</u>			
		L	Lloyd's Register of Shipping			
		Z	Mutually Defined			
Q213	182	Vessel Name	O	AN	2/28	Used
Description: Name of ship as documented in "Lloyd's Register of Ships"						
<i>Vessel Name</i>						

Loop R4

Pos: 0600	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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0600	R4	Port or Terminal	M	1		Must use
0700	DTM	Date/Time Reference	M	15		Must use

R4

Port or Terminal

Pos: 0600	Max: 1
Heading - Mandatory	
Loop: R4	Elements: 8

User Option (Usage): Must use

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

Sample R4 Segment(s)

R4*R*UN*CNYTN*Yantian*CN~
R4*D*UN*USLGB*Long Beach*US***CA~
R4*L*UN*CNYTN*Yantian*CN~
R4*E*UN*USLGB*Long Beach*US***CA~

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	Name
D	Port of Discharge (Operational) Description: Port at which cargo is unloaded from vessel
E	Place of Delivery (Contractual) Description: Place at which cargo leaves its care and custody of carrier
I	Interim Point (Operational) Description: Place at which cargo is transferred from one inland means of transport to another
L	Port of Loading (Operational) Description: Port at which cargo is loaded on vessel
R	Place of Receipt (Contractual) Description: Place at which cargo enters the care and custody of carrier

R402	309	Location Qualifier	M	ID	1/2	Must use
------	-----	--------------------	---	----	-----	----------

Description: Code identifying type of location

Code	Name
UN	United Nations Location Code (UNLOCODE)
ZZ	Mutually Defined

R403	310	Location Identifier	M	AN	1/30	Must use
------	-----	---------------------	---	----	------	----------

Description: Code which identifies a specific location
<UNLOCODE> United Nations Location Code 'XXXXX' No UNLOCODE available '000'
Location not mapped by carrier

R404	114	Port Name	M	AN	2/24	Must use
------	-----	-----------	---	----	------	----------

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
City or Port Name - free form name for the place at which an offshore carrier originates or terminates its actual ocean carriage of property

R405	26	Country Code	M	ID	2/3	Must use
------	----	--------------	---	----	-----	----------

Description: Code identifying the country
Country Code (2-digit ISO)

R406	174	Terminal Name	O	AN	2/30	Used
------	-----	---------------	---	----	------	------

Description: Free-form field for terminal name

R407	113	Pier Number	O	AN	1/4	Used
------	-----	-------------	---	----	-----	------

Description: Identifying number for the pier

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

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

Comments:

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

DTM Date/Time Reference

Pos: 0700	Max: 15
Heading - Mandatory	
Loop: R4	Elements: 6

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

 Sample DTM Segment(s)
 DTM*140*20070415*1844~
 DTM*139*20070501*1700~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		<u>Code</u>		<u>Name</u>		
		139		Estimated		
		140		Actual		
DTM02	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
DTM03	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)				
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.				
DTM05	1250	Date Time Period Format Qualifier	X	ID	2/3	Used
		Description: Code indicating the date format, time format, or date and time format				
		<u>Code</u>		<u>Name</u>		
		D8		Date Expressed in Format CCYYMMDD		
DTM06	1251	Date Time Period	X	AN	1/35	Used
		Description: Expression of a date, a time, or range of dates, times or dates and times				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.

SE

Transaction Set Trailer

Pos: 0900	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)

Sample SE Segment(s)

SE*12*0001~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
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.