# 315 Status Details (Ocean)

## Document history:

| Document Control | | | | | |
|---|---|---|---|---|---|
| **Version** | 2.2 | **Date** | 12/12/2025 | **Change** | The update includes new reference qualifiers in N9 segment for Equipments(EQ), Seal number(SN), Customer name(4F), Shipping Instruction Number(SI) to be compliant to ANSI X12 standards. |

## 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 | 005 | ISA | Interchange Control Header | M | 1 | | |
| M | 008 | GS | Functional Group Header | M | 1 | | |
| M | 010 | ST | Transaction Set Header | M | 1 | | |
| M | 020 | B4 | Beginning Segment for Inquiry or Reply | M | 1 | | |
| | 030 | N9 | Reference Identification | O | 30 | | |
| | 040 | Q2 | Status Details (Ocean) | O | 1 | | |
| | | | LOOP ID - R4 | | | 20 | |
| M | 060 | R4 | Port or Terminal | M | 1 | | |
| | 070 | DTM | Date/Time Reference | O | 15 | | |
| M | 090 | SE | Transaction Set Trailer | M | 1 | | |
| M | 095 | GE | Functional Group Trailer | M | 1 | | |
| M | 100 | IEA | Interchange Control Trailer | M | 1 | | |

**Note**: 1) Usage Indicators: M - Mandatory; O- Optional; X- Conditional
2) ST-SE is a single Transaction loop, and we can have multiple transactions in a single Interchange

**Segment:** **ISA** **Interchange Control Header**
**Position:** 005
**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:**
**Comments:**
**Notes:** ISA*00* *00* *ZZ*MSCU*ZZ*RECIEVERCODE *020401*1330*U*00400*000010000*0*P*^

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **ISA01** | **I01** | **Authorization Information Qualifier**<br>Code to identify the type of information in the Authorization Information<br>00 No Authorization Information Present (No Meaningful Information in I02) | **M ID 2/2** |
| **M** | **ISA02** | **I02** | **Authorization Information**<br>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) | **M AN 10/10** |
| **M** | **ISA03** | **I03** | **Security Information Qualifier**<br>Code to identify the type of information in the Security Information<br>00 No Security Information Present (No Meaningful Information in I04) | **M ID 2/2** |
| **M** | **ISA04** | **I04** | **Security Information**<br>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) | **M AN 10/10** |
| **M** | **ISA05** | **I05** | **Interchange ID Qualifier**<br>Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified<br>ZZ Mutually Defined | **M ID 2/2** |
| **M** | **ISA06** | **I06** | **Interchange Sender ID**<br>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<br>MSCU | **M AN 15/15** |
| **M** | **ISA07** | **I05** | **Interchange ID Qualifier**<br>Qualifier to designate the system/method of code structure used to | **M ID 2/2** |

| | | | | | |
|---|---|---|---|---|---|
| | | | designate the sender or receiver ID element being qualified | | |
| | | | ZZ Mutually Defined | | |
| **M** | **ISA08** | **I07** | **Interchange Receiver ID** | **M** | **AN 15/15** |
| | | | 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 | | |
| | | | Trading Partner ID | | |
| **M** | **ISA09** | **I08** | **Interchange Date** | **M** | **DT 6/6** |
| | | | Date of the interchange | | |
| | | | YYMMDD | | |
| **M** | **ISA10** | **I09** | **Interchange Time** | **M** | **TM 4/4** |
| | | | Time of the interchange | | |
| | | | HHMM | | |
| **M** | **ISA11** | **I10** | **Interchange Control Standards Identifier** | **M** | **ID 1/1** |
| | | | Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer | | |
| | | | Refer to 004010 Data Element Dictionary for acceptable code values. | | |
| **M** | **ISA12** | **I11** | **Interchange Control Version Number** | **M** | **ID 5/5** |
| | | | This version number covers the interchange control segments | | |
| | | | 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997 | | |
| **M** | **ISA13** | **I12** | **Interchange Control Number** | **M** | **N0 9/9** |
| | | | A control number assigned by the interchange sender | | |
| **M** | **ISA14** | **I13** | **Acknowledgment Requested** | **M** | **ID 1/1** |
| | | | Code sent by the sender to request an interchange acknowledgment (TA1) | | |
| | | | 0 No Acknowledgment Requested | | |
| **M** | **ISA15** | **I14** | **Usage Indicator** | **M** | **ID 1/1** |
| | | | Code to indicate whether data enclosed by this interchange envelope is test, production or information | | |
| | | | P Production Data | | |
| | | | T Test Data | | |
| **M** | **ISA16** | **I15** | **Component Element Separator** | **M** | **AN 1/1** |
| | | | 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 | | |

**Segment:** **GS** **Functional Group Header**
**Position:** 008
**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.
**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.
**Notes:** GS*QO*MSCU*RECEIVERCODE*20020401*1330*1000*X*004010

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **GS01** | **479** | **Functional Identifier Code**<br>Code identifying a group of application related transaction sets<br>QO Ocean Shipment Status Information (313, 315) | **M ID 2/2** |
| **M** | **GS02** | **142** | **Application Sender's Code**<br>Code identifying party sending transmission; codes agreed to by trading partners<br>MSCU | **M AN 2/15** |
| **M** | **GS03** | **124** | **Application Receiver's Code**<br>Code identifying party receiving transmission; codes agreed to by trading partners<br>Trading Partner's ID | **M AN 2/15** |
| **M** | **GS04** | **373** | **Date**<br>Date expressed as CCYYMMDD | **M DT 8/8** |
| **M** | **GS05** | **337** | **Time**<br>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) | **M TM 4/8** |
| **M** | **GS06** | **28** | **Group Control Number**<br>Assigned number originated and maintained by the sender | **M N0 1/9** |
| **M** | **GS07** | **455** | **Responsible Agency Code**<br>Code used in conjunction with Data Element 480 to identify the issuer of the standard | **M ID 1/2** |

| | | | | | |
|---|---|---|---|---|---|
| | | | X | Accredited Standards Committee X12 | |
| **M** | **GS08** | **480** | **Version / Release / Industry Identifier Code** | **M** | **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 | | |
| | | | 004010 | Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 | |

**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:**
**Notes:** ST*315*0001

**Data Element Summary**

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

**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:**
**Semantic Notes:** **1** B404 is the date of last reported status of cargo.
**Comments:** **1** Detailed description of all container events supported by MSC
**Notes:** Sample:
B4***AE*20020401*2235*22G1*MSCU*268673*L*2210*DEHAM*UN*0

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **B403** | **157** | **Shipment Status Code**<br>Code indicating the status of a shipment<br>Refer to 004010 Data Element Dictionary for acceptable code values. | **M ID 1/3** |
| **M** | **B404** | **373** | **Date**<br>Date expressed as CCYYMMDD | **M DT 8/8** |
| **M** | **B405** | **161** | **Status Time**<br>Time (HHMM) of last reported status of cargo | **M TM 4/4** |
| **M** | **B406** | **159** | **Status Location**<br>Ground transportation: Code of carrier's terminal<br>Code which identifies a specific location | **M AN 3/5** |
| **M** | **B407** | **206** | **Equipment Initial**<br>Prefix or alphabetic part of an equipment unit's identifying number | **M AN 1/4** |
| **M** | **B408** | **207** | **Equipment Number**<br>Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)<br>Container number. | **M AN 1/6** |
| **M** | **B409** | **578** | **Equipment Status Code**<br>Code indicating status of equipment<br>E Empty<br>L Load | **M ID 1/2** |
| **M** | **B410** | **24** | **Equipment Type**<br>Code identifying equipment type | **M ID 4/4** |
| **M** | **B411** | **310** | **Location Identifier**<br>Code which identifies a specific location<br>City Name in case B412 is 'CI' | **M AN 1/30** |

| | | | | | |
|---|---|---|---|---|---|
| **M** | **B412** | **309** | **Location Qualifier** | **M** | **ID 1/2** |
| | | | Code identifying type of location | | |
| | | | CI City | | |
| | | | UN United Nations Location Code (UNLOCODE) | | |
| **M** | **B413** | **761** | **Equipment Number Check Digit** | **M** | **N0 1/1** |
| | | | Number which designates the check digit applied to a piece of equipment | | |

**Segment:** **N9** **Reference Identification**
**Position:** 030
**Loop:**
**Level:**
**Usage:** Optional
**Max Use:** 30
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier
**Syntax Notes:**
**1** If either C04003 or C04004 is present, then the other is required.
**2** If either C04005 or C04006 is present, then the other is required.
**Semantic Notes:**
**1** N906 reflects the time zone which the time reflects.
**2** N907 contains data relating to the value cited in N902.
**Comments:**
**Notes:** N9*BN*Carrier Booking Number

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **N901** | **128** | **Reference Identification Qualifier**<br>Code qualifying the Reference Identification<br>BM Bill of Lading Number<br>BN Booking Number<br>SCA Standard Carrier Alpha Code (SCAC)<br>EQ Equipment Identification Number<br>SN Seal Number<br>4F Customer Information<br>SI Shipping Instruction Number | **M ID 2/3** |
| | **N902** | **127** | **Reference Identification**<br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | **O AN 1/30** |
| | **N903** | **369** | **Free-form Description**<br>Free-form descriptive text | **O AN 1/45** |

**Segment:** **Q2** **Status Details (Ocean)**
**Position:** 040
**Loop:**
**Level:**
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit identifying information relative to identification of vessel, transportation dates, lading quantity, weight, and cube
**Syntax Notes:**
**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:** Q2*9017020*DK*******43W***L*VESSEL NAME

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| **Q201** | **597** | **Vessel Code**<br>Code identifying vessel<br>Lloyd's code | **O ID 1/8** |
| **Q202** | **26** | **Country Code**<br>Code identifying the country<br>Country of Vessel Registry | **O ID 2/3** |
| **Q209** | **55** | **Flight/Voyage Number**<br>Identifying designator for the particular flight or voyage on which the cargo travels | **O AN 2/10** |
| **Q212** | **897** | **Vessel Code Qualifier**<br>Code specifying vessel code source<br>L Lloyd's Register of Shipping | **O ID 1/1** |
| **Q213** | **182** | **Vessel Name**<br>Name of ship as documented in "Lloyd's Register of Ships" | **O AN 2/30** |

**Segment:** **R4** **Port or Terminal**
**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:**
**Semantic Notes:**
**Comments:** **1** R4 is required for each port to be identified.
**Notes:** Sample 1:
R4*L*UN*DEHAM*HAMBURG

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **R401** | **115** | **Port or Terminal Function Code**<br>Code defining function performed at the port or terminal with respect to a shipment<br>D Port of Discharge (Operational)<br>Port at which cargo is unloaded from vessel<br>E Place of Delivery (Contractual)<br>Place at which cargo leaves its care and custody of carrier<br>L Port of Loading (Operational)<br>Port at which cargo is loaded on vessel<br>R Place of Receipt (Contractual)<br>Place at which cargo enters the care and custody of carrier | **M ID 1/1** |
| | **R402** | **309** | **Location Qualifier**<br>Code identifying type of location<br>CI City<br>UN United Nations Location Code (UNLOCODE) | **O ID 1/2** |
| | **R403** | **310** | **Location Identifier**<br>Code which identifies a specific location<br>UNLOCODE,. | **O AN 1/30** |
| | **R404** | **114** | **Port Name**<br>Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property<br>City Name or Port Location if R402 = 'CI' | **O AN 2/30** |
| | **R405** | **26** | **Country Code**<br>Code identifying the country | **O ID 2/2** |

| | | | | |
|---|---|---|---|---|
| **R406** | **174** | **Terminal Name**<br>Free-form field for terminal name | **O** | **AN 2/30** |

**Segment:** **DTM** **Date/Time Reference**
**Position:** 070
**Loop:** R4 Mandatory
**Level:**
**Usage:** Optional
**Max Use:** 15
**Purpose:** To specify pertinent dates and times
**Syntax Notes:**
**1** At least one of DTM02 DTM03 or DTM05 is required.
**2** If DTM04 is present, then DTM03 is required.
**3** If either DTM05 or DTM06 is present, then the other is required.
**Semantic Notes:**
**Comments:**
**Notes:** DTM*139*20020401*0800
Represents the Date and Time of the Port Activity.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **DTM01** | **374** | **Date/Time Qualifier**<br>Code specifying type of date or time, or both date and time<br>139 Estimated<br>140 Actual<br>369 Estimated Departure Date<br>370 Actual Departure Date | **M ID 3/3** |
| | **DTM02** | **373** | **Date**<br>Date expressed as CCYYMMDD | **X DT 8/8** |
| | **DTM03** | **337** | **Time**<br>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 TM 4/8** |

**Segment:** **SE** **Transaction Set Trailer**
**Position:** 090
**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:**
**Comments:** **1** SE is the last segment of each transaction set.
**Notes:** SE*11*0001

**Data Element Summary**

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

**Segment:** **GE** **Functional Group Trailer**
**Position:** 095
**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.
**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.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **GE01** | **97** | **Number of Transaction Sets Included**<br>Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element | **M N0 1/6** |
| **M** | **GE02** | **28** | **Group Control Number**<br>Assigned number originated and maintained by the sender | **M N0 1/9** |

**Segment:** **IEA** **Interchange Control Trailer**
**Position:** 100
**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:**
**Comments:**

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **IEA01** | **I16** | **Number of Included Functional Groups**<br>A count of the number of functional groups included in an interchange | **M N0 1/5** |
| **M** | **IEA02** | **I12** | **Interchange Control Number**<br>A control number assigned by the interchange sender | **M N0 9/9** |