

310 Freight Receipt and Invoice (Ocean)

Functional Group ID=**IO**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Freight Receipt and Invoice (Ocean) Transaction Set (310) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide ocean bill of lading information. It is sent by ocean carriers to interested parties and can be used as the receipt for the shipment; to substitute for a paper bill of lading where the parties have agreed that a paper bill of lading is not necessary; to allow shipper or forwarder to verify bill of lading information before an original is printed and released; for information purposes, i.e., as a bill of lading copy; by the carrier to convey manifest information to a terminal operator; and as an invoice for freight.

Heading:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|--------------|-----------------|----------------|---|------------------|----------------|--------------------|---------------------------|
| M | 010 | ST | Transaction Set Header | M | 1 | | |
| M | 020 | B3 | Beginning Segment for Carrier's Invoice | M | 1 | | |
| | 060 | N9 | Reference Identification | O | 15 | | |
| M | 070 | V1 | Vessel Identification | M | 2 | | |
| | 110 | C3 | Currency | O | 1 | | |
| | 120 | Y2 | Container Details | O | 10 | | |
| LOOP ID - N1 | | | | | | 10 | |
| M | 130 | N1 | Name | M | 1 | | |
| | 150 | N3 | Address Information | O | 2 | | |
| | 160 | N4 | Geographic Location | O | 1 | | |
| LOOP ID - R4 | | | | | | 20 | |
| M | 180 | R4 | Port or Terminal | M | 1 | | |
| | 190 | DTM | Date/Time Reference | O | 15 | | |

Detail:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|--------------|-----------------|----------------|---------------------------------|------------------|----------------|--------------------|---------------------------|
| LOOP ID - LX | | | | | | 999 | |
| M | 010 | LX | Assigned Number | M | 1 | | |
| LOOP ID - L0 | | | | | | 120 | |
| | 150 | L0 | Line Item - Quantity and Weight | O | 1 | | |
| | 160 | L5 | Description, Marks and Numbers | O | 999 | | |
| LOOP ID - L1 | | | | | | 20 | |
| | 170 | L1 | Rate and Charges | O | 1 | | |

Summary:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|---|-----------------|----------------|--------------------------|------------------|----------------|--------------------|---------------------------|
| M | 010 | L3 | Total Weight and Charges | M | 1 | | |
| M | 080 | SE | Transaction Set Trailer | M | 1 | | |

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
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:
Business Rules: Variable Name: STST

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|------------------|---------------------|--|-------------------|
| M | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 310 Freight Receipt and Invoice (Ocean) | M ID 3/3 |
| M | ST02 | 329 | Transaction Set Control Number 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: **B3** Beginning Segment for Carrier's Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit basic data relating to the carrier's invoice
Syntax Notes: 1 If either B309 or B310 is present, then the other is required.
Semantic Notes: 1 B306 is the billing date.
 2 On collect freight bills the data in B309 will be the actual delivery date. For the shipments invoiced prior to delivery, the B309 will be the estimated date of delivery.
 3 If B314 is used, B304 will indicate the party or parties responsible for payment of the transportation terms identified in B314.

Comments:

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|------------------|---------------------|--|-------------------|
| M | B302 | 76 | Invoice Number Identifying number assigned by issuer | M AN 1/22 |
| | B303 | 145 | Shipment Identification Number Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters) Mandatory for 3M Bill of Lading | O AN 1/30 |
| M | B304 | 146 | Shipment Method of Payment Code identifying payment terms for transportation charges Freight Terms CC Collect PP Prepaid (by Seller) | M ID 2/2 |
| M | B306 | 373 | Date Date expressed as CCYYMMDD Invoice Date | M DT 8/8 |
| M | B307 | 193 | Net Amount Due Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified Total Net Amount 3M is unable to accept a negative dollar amount | M N2 1/12 |
| | B308 | 202 | Correction Indicator Code used to indicate that the transaction set contains information which corrects previous information Not required on original invoices. Required when sending a Corrected (BE) or Adding Revenue (AR) AR Adding Revenue BE Billing Error | O ID 2/2 |
| M | B311 | 140 | Standard Carrier Alpha Code Standard Carrier Alpha Code Mandatory for 3M SCAC Code | M ID 2/4 |
| | B312 | 373 | Date Date expressed as CCYYMMDD Pick Up Date | O DT 8/8 |

Segment: **N9 Reference Identification**
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 15
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 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:

Data Element Summary

| Ref. | Data | Name | Attributes |
|--------------------|-----------------------|--|--------------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| M | N901 128 | Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values. | M ID 2/3 |
| | N902 127 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | X AN 1/30 |

Segment: **V1** Vessel Identification
Position: 070
Loop:
Level: Heading
Usage: Mandatory
Max Use: 2
Purpose: To provide vessel details and voyage number
Syntax Notes: 1 At least one of V101 or V102 is required.
 2 If V108 is present, then V101 is required.
Semantic Notes: 1 V103 is the code identifying the country in which the ship (vessel) is registered.
 2 V105 identifies the ocean carrier.
Comments:

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | | |
| V101 | 597 | Vessel Code Code identifying vessel | X ID 1/8 |
| V102 | 182 | Vessel Name Name of ship as documented in "Lloyd's Register of Ships" | X AN 2/28 |
| V104 | 55 | Flight/Voyage Number Identifying designator for the particular flight or voyage on which the cargo travels | O AN 2/10 |
| V109 | 91 | Transportation Method/Type Code Code specifying the method or type of transportation for the shipment S Ocean | O ID 1/2 |

Segment: C3 Currency
Position: 110
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency being used in the transaction set
Syntax Notes:
Semantic Notes:

- 1 C301 is the billing currency.
- 2 C303 is the payment currency.
- 3 C304 is the rated currency.

Comments:

- 1 Currency is implied by the code for the country in whose currency the monetary amounts are specified.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|---------------------|---|-------------------|
| M | <u>Des.</u> C301 | <u>Element</u> 100 <u>Currency Code</u> | M ID 3/3 |
| | | Code (Standard ISO) for country in whose currency the charges are specified | |
| | | Mandatory for 3M | |

Segment: **Y2** Container Details
Position: 120
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify container information and transportation service to be used
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| | Ref. | Data | Name | Attributes |
|---|--------------------|-----------------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | Y201 | 95 | Number of Containers Number of shipping containers | M N0 1/4 |
| | Y202 | 78 | Container Type Request Code Code indicating type of container equipment requested C Containers with Chassis | O ID 1/1 |
| M | Y204 | 24 | Equipment Type Code identifying equipment type | M ID 4/4 |

Segment: **N1** Name
Position: 130
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
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.
Notes: CA, CN, SH name loops are Mandatory for 3M.
 Please provide full address loops for all N1 loops.
 N1*CA*Carrier Name*92*60000042
 N1*SH*3M - PLANT #2
 N1*CN*3M MILTON DC*92*2000

Data Element Summary

| Ref. | 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 | |
| | N102 | 93 Name | X AN 1/60 |
| | | Free-form name | |
| | 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 | |
| | N104 | 67 Identification Code | X AN 2/80 |
| | | Code identifying a party or other code | |
| | | Required by 3M When N101 is set to "CA" | |
| | | 3M will assign each freight forwarder their own identifier to map to the N104 | |
| | | Required by 3M when N101 is set to "CN" | |
| | | A 3M representative will provide a 4-digit code to map to the N104 | |

Segment: N3 Address Information
Position: 150
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: N3*2 Craig Street
 N3* 2751 PEDDIE ROAD

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|------------------|---------------------|--|-------------------|
| M | N301 | 166 | Address Information Address information | M AN 1/55 |
| | N302 | 166 | Address Information Address information | O AN 1/55 |

Segment: **N4 Geographic Location**
Position: 160
Loop: N1 Mandatory
Level: Heading
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.
Notes: N4*PERTH*ON*K7H 3E2*CA

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|-------------------|
| Des. | Element | | |
| 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 |

Segment: **R4** Port or Terminal
Position: 180
Loop: R4 Mandatory
Level: Heading
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.

Data Element Summary

| | Ref. | Data | Name | Attributes |
|---|-------------|----------------|--|-------------------|
| | Des. | Element | | |
| M | R401 | 115 | Port or Terminal Function Code Code defining function performed at the port or terminal 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 | M ID 1/1 |
| | R402 | 309 | Location Qualifier Code identifying type of location UN United Nations Location Code (UNLOCODE) | X ID 1/2 |
| | R403 | 310 | Location Identifier Code which identifies a specific location | X AN 1/30 |

Segment: **DTM** **Date/Time Reference**
Position: 190
Loop: R4 Mandatory
Level: Heading
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:

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | DTM01 | 374 | Date/Time Qualifier | M ID 3/3 |
| | | | Code specifying type of date or time, or both date and time | |
| | | | 035 Delivered | |
| | | | Destination Port Delivery date | |
| | | | 161 Loaded on Vessel | |
| | | | Origin Port Pick up date | |
| | DTM02 | 373 | Date | X DT 8/8 |
| | | | Date expressed as CCYYMMDD | |

Segment: **LX** Assigned Number
Position: 010
Loop: LX Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: A Separate LX loop is required for each L1 segment.

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | LX01 | 554 | Assigned Number | M N0 1/6 |
| | | | Number assigned for differentiation within a transaction set | |
| | | | Mandatory for 3M | |
| | | | This element should contain a counter that is incremental by 1 for every detail loop written | |

Segment: **L0** Line Item - Quantity and Weight
Position: 150
Loop: L0 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

- Syntax Notes:**
- 1 If either L002 or L003 is present, then the other is required.
 - 2 If either L004 or L005 is present, then the other is required.
 - 3 If either L006 or L007 is present, then the other is required.
 - 4 If either L008 or L009 is present, then the other is required.
 - 5 If L011 is present, then L004 is required.
 - 6 If either L013 or L015 is present, then the other is required.

- Semantic Notes:**
- 1 L008 is the number of handling units of the line item tendered to the carrier.
 - 2 L013 can only be used if the code in L009 is PLT, SKD, or SLP.
 - 3 L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.

- Comments:**
- 1 L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | | |
| L001 | 213 | Lading Line Item Number Sequential line number for a lading item | O N0 1/3 |
| L002 | 220 | Billed/Rated-as Quantity Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81 | X R 1/11 |
| L003 | 221 | Billed/Rated-as Qualifier Code identifying the type of quantity or value on which the rate or item pricing is based | X ID 2/2 |
| L004 | 81 | Weight Numeric value of weight Mandatory for 3M | X R 1/10 |
| L005 | 187 | Weight Qualifier Code defining the type of weight Mandatory for 3M | X ID 1/2 |
| | | A1 Dimensional Weight | |
| | | G Gross Weight | |
| | | N Actual Net Weight | |
| | | T Tare Weight | |
| L008 | 80 | Lading Quantity Number of units (pieces) of the lading commodity | X N0 1/7 |
| L009 | 211 | Packaging Form Code Code for packaging form of the lading quantity | X ID 3/3 |
| | | BDL Bundle | |
| | | BOX Box | |
| | | CAS Case | |
| | | CTN Carton | |
| | | PCS Pieces | |
| | | PLT Pallet | |
| | | ROL Roll | |

| | | | | | |
|-------------|------------|---------------------------------|-----------|----------|---------------|
| L011 | 188 | SKD | Skid | O | ID 1/1 |
| | | Weight Unit Code | | | |
| | | Code specifying the weight unit | | | |
| | | K | Kilograms | | |
| | | L | Pounds | | |

Segment: **L5** Description, Marks and Numbers
Position: 160
Loop: L0 Optional
Level: Detail
Usage: Optional
Max Use: 999
Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

- Syntax Notes:**
- 1 If either L503 or L504 is present, then the other is required.
 - 2 If L507 is present, then L506 is required.
 - 3 If either L508 or L509 is present, then the other is required.

Semantic Notes:
Comments: 1 L502 may be used to send quantity information as part of the product description.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|------------------|---------------------|---|-------------------|
| L501 | 213 | Lading Line Item Number Sequential line number for a lading item | O N0 1/3 |
| L502 | 79 | Lading Description Description of an item as required for rating and billing purposes Mandatory for 3M | O AN 1/50 |
| L503 | 22 | Commodity Code Code describing a commodity or group of commodities | X AN 1/30 |

Segment: **L1 Rate and Charges**
Position: 170
Loop: L1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

Syntax Notes:
1 If either L102 or L103 is present, then the other is required.
2 At least one of L104 L105 or L106 is required.
3 If either L114 or L115 is present, then the other is required.
4 If either L117 or L118 is present, then the other is required.

Semantic Notes:
1 L119 is the percent used to determine the charge in L104.
2 L120, if used, indicates the currency for all monetary amounts in this L1 segment.
3 L121 is the origin rated as charge amount.

Comments:

Data Element Summary

| Ref. | Data | | |
|-------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| L101 | 213 | Lading Line Item Number Sequential line number for a lading item | O N0 1/3 |
| L102 | 60 | Freight Rate Rate that applies to the specific commodity | X R 1/9 |
| L103 | 122 | Rate/Value Qualifier Code qualifying how to extend charges or interpret value | X ID 2/2 |
| L104 | 58 | Charge For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified Mandatory for 3M Amount charged for this line item 3M is unable to accept a negative dollar amount | X N2 1/12 |
| L105 | 191 | Advances Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified | X N2 1/9 |
| L108 | 150 | Special Charge or Allowance Code Code identifying type of special charge or allowance 3M will accept any ANSI compliant value sent in the L108, but we ask that you use the following codes only when providing us Tax Information Please note for our Canadian Carriers we are using 3 code values in a non-standard method as follows: a.) Code "TTS" indicates "State Tax" but 3M asks that you use this code if you are providing us "Province Tax" b.) Code "ZZZ:" indicates "Mutually defined" but 3M ask that you use this code if you are providing us Quebec Tax" c.) Code "HST" is not an ANSI compliant code, but 3M will accept it. When it is used it indicates "Harmonized Sales Tax", Please note this value is not displayed on the list of qualifiers below 750 Value Added Tax (VAT) AAT Handling Charge Tax CBX City Sales Tax (Only) GST Goods and Services Tax Charge LLS Local Sales Tax (All Applicable Sales Taxes by Taxing | O ID 3/3 |

| | |
|-----|---|
| | Authorities Below the State Level) |
| MMT | Metropolitan Transit Tax |
| PPT | Parish/County Sales Tax (only) |
| SST | Sales Tax (State and Local) |
| TAD | Tax on Transportation |
| TTL | Local Tax |
| TTS | State Tax |
| | For Canadian Carriers this value is sent when indicating Province Tax |
| UUT | Use Tax |
| ZZZ | Mutually Defined |
| | For Canadian Carriers this value is sent when indicating Quebec Tax |

L112 276 Special Charge Description O AN 2/25
 Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

Segment: **L3 Total Weight and Charges**

Position: 010

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

- Syntax Notes:**
- 1 If either L301 or L302 is present, then the other is required.
 - 2 If either L303 or L304 is present, then the other is required.
 - 3 If either L309 or L310 is present, then the other is required.
 - 4 If L312 is present, then L301 is required.
 - 5 If either L314 or L315 is present, then the other is required.

Semantic Notes: 1 L305 is the total charges.

Comments:

| Data Element Summary | | | |
|----------------------|----------------|--|-------------------|
| Ref. | Data | | |
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| L301 | 81 | Weight | X R 1/10 |
| | | Numeric value of weight | |
| | | Mandatory for 3M | |
| | | Total Shipment Weight | |
| L302 | 187 | Weight Qualifier | X ID 1/2 |
| | | Code defining the type of weight | |
| | | Mandatory for 3M | |
| | | A1 Dimensional Weight | |
| | | G Gross Weight | |
| | | N Actual Net Weight | |
| | | T Tare Weight | |
| L303 | 60 | Freight Rate | X R 1/9 |
| | | Rate that applies to the specific commodity | |
| L304 | 122 | Rate/Value Qualifier | X ID 2/2 |
| | | Code qualifying how to extend charges or interpret value | |
| L305 | 58 | Charge | O N2 1/12 |
| | | For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified | |
| | | Mandatory for 3M | |
| | | Total Charges for Shipment | |
| | | 3M is unable to accept a negative dollar amount | |
| L311 | 80 | Lading Quantity | O N0 1/7 |
| | | Number of units (pieces) of the lading commodity | |
| | | Mandatory for 3M | |
| | | Total Tendered Pieces | |

Segment: **SE** Transaction Set Trailer
Position: 080
Loop:
Level: Summary
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.

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|------------------|---------------------|---|-------------------|
| M | SE01 | 96 | Number of Included Segments 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 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 |

APPENDIX

Transaction Examples:

Original invoice:

ISA*00**00**ZZ*IDSENDERID*ZZ*IDRECEIVERID*151029*1410*U*00401*000272303*0*P*:]
GS*IO* IDSENDERID * IDRECEIVERID * 20151029*1410*272303*X*004010]
ST*310*0001~
B3**INVOICENUMBER*BILLOFLADING*PP**20120224*157357****SCAC*20120224~
N9*GT*REFERENCEIDENTIFICATION~
V1*VESSELCODE*VESSELNAME**VOYAGENUMBER*****S~
C3*CUR~
Y2*3*C**EQUI~
N1*BT*BILL TO NAME ~
N3*123 BILL TO ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*CA*CARRIER NAME*92*SUPPLIERNUMBER~
N3*123 CARRIER ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*CN*3M NAME*92*4-DIGIT CODE GIVEN TO CARRIER BY 3M~
N3*123 CONSIGNEE ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*SH*SHIPPER COMPANY NAME ~
N3*123 SHIPPER ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
R4*D*UN*LOCATION IDENTIFIER~
DTM*035*20170224~
LX*1~
L0*1*2072*AR*2927*A***197152*AMM**E~
L5*1*LADING DESCRIPTION*COMMODITY CODE~
L1*1*285319*AA*155092*2265***002*****~
L3*2927*A** *157357*****197152~
SE*26*0001~
GE*1*272303~
IEA*1*000272303~

B308 = AR (Adding Revenue/Balance Due)

ISA*00**00**ZZ*IDSENDERID*ZZ*IDRECEIVERID*151029*1410*U*00401*000272303*0*P*:]
GS*IO* IDSENDERID * IDRECEIVERID * 20151029*1410*272303*X*004010]
ST*310*0001~
B3**INVOICENUMBER*BILLOFLADING*PP**20120224*157357*AR***SCAC*20120224~
N9*GT*REFERENCEIDENTIFICATION~
V1*VESSELCODE*VESSELNAME**VOYAGENUMBER*****S~
C3*CUR~
Y2*3*C**EQUI~
N1*BT*BILL TO NAME ~
N3*123 BILL TO ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*CA*CARRIER NAME*92*SUPPLIERNUMBER~
N3*123 CARRIER ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*CN*3M NAME*92*4-DIGIT CODE GIVEN TO CARRIER BY 3M~
N3*123 CONSIGNEE ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*SH*SHIPPER COMPANY NAME ~
N3*123 SHIPPER ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
R4*D*UN*LOCATION IDENTIFIER~
DTM*035*20170224~
LX*1~
L0*1*2072*AR*2927*A***197152*AMM**E~
L5*1*LADING DESCRIPTION*COMMODITY CODE~
L1*1*285319*AA*155092*2265***002*****~
L3*2927*A** *157357*****197152~
SE*26*0001~
GE*1*272303~
IEA*1*000272303~

B308 = BE (Billing Error)

ISA*00**00**ZZ*IDSENDERID*ZZ*IDRECEIVERID*151029*1410*U*00401*000272303*0*P*:]
GS*IO* IDSENDERID * IDRECEIVERID * 20151029*1410*272303*X*004010]
ST*310*0001~
B3**INVOICENUMBER*BILLOFLADING*PP**20120224*157357*BE***SCAC*20120224~
N9*GT*REFERENCEIDENTIFICATION~
V1*VESSELCODE*VESSELNAME**VOYAGENUMBER*****S~
C3*CUR~
Y2*3*C**EQUI~
N1*BT*BILL TO NAME ~
N3*123 BILL TO ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*CA*CARRIER NAME*92*SUPPLIERNUMBER~
N3*123 CARRIER ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*CN*3M NAME*92*4-DIGIT CODE GIVEN TO CARRIER BY 3M~
N3*123 CONSIGNEE ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
N1*SH*SHIPPER COMPANY NAME ~
N3*123 SHIPPER ADDRESS~
N4*CITY *ST*POSTALCODE*COUNTRYCODE~
R4*D*UN*LOCATION IDENTIFIER~
DTM*035*20170224~
LX*1~
L0*1*2072*AR*2927*A***197152*AMM**E~
L5*1*LADING DESCRIPTION*COMMODITY CODE~
L1*1*285319*AA*155092*2265***002*****~
L3*2927*A** *157357*****197152~
SE*26*0001~
GE*1*272303~
IEA*1*000272303~