

# 300 Reservation (Booking Request) (Ocean)

Functional Group ID=**RO**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Reservation (Booking Request) (Ocean) Transaction Set (300) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a shipper or a forwarder to reserve space, containers and equipment for transport by ocean vessel.

## Notes:

*The 300 transaction set is generated by the Military Traffic Command (MTMC) Integrated Booking System (IBS). This IC utilizes the ASC X12 ver 4010 standard. This Implementation Convention (IC) document and the maintenance thereof, is the responsibility of the MTMC IM-I office, and must be approved by the Automated Carrier Interface (ACI) and the Department of Defense Transportation Electronic Data Interchange (DTEDI) organizations.*

## Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	B1	Beginning Segment for Booking or Pick-up/Delivery	M	1		
6	025	G61	Contact	O	3		
Not Used	030	Y6	Authentication	O	2		
Not Used	040	Y7	Priority	O	1		
7	050	Y1	Space Reservation Request	M	1		
LOOP ID - Y2						10	
9	060	Y2	Container Details	O	1		
Not Used	065	W09	Equipment and Temperature	O	1		
11	069	N9	Reference Identification	O	100		
Not Used	070	R2A	Route Information with Preference	O	25		
LOOP ID - N1						10	
13	080	N1	Name	M	1		
Not Used	090	N2	Additional Name Information	O	1		
15	100	N3	Address Information	O	2		
16	110	N4	Geographic Location	O	1		
17	120	G61	Contact	O	3		
LOOP ID - R4						20	
18	130	R4	Port or Terminal	M	1		
20	140	DTM	Date/Time Reference	O	15		
21	150	W09	Equipment and Temperature	O	1		

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23	160	H3	Special Handling Instructions	O	6
Not Used	170	EA	Equipment Attributes	O	5

**Detail:**

<u>Page No.</u>	<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>
						999	
26	010	LX	Assigned Number	M	1		
27	020	N7	Equipment Details	O	1		
Not Used	021	W09	Equipment and Temperature	O	1		
Not Used	030	DTM	Date/Time Reference	O	1		
31	040	L0	Line Item - Quantity and Weight	O	1		
33	050	L5	Description, Marks and Numbers	O	1		
36	060	L4	Measurement	O	1		
Not Used	065	L1	Rate and Charges	O	1		
						10	
37	070	H1	Hazardous Material	O	1		
39	080	H2	Additional Hazardous Material Description	O	10		
40	090	V1	Vessel Identification	O	2		
42	100	V9	Event Detail	O	10		
45	110	K1	Remarks	O	2		

**Summary:**

<u>Page No.</u>	<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>
46	010	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:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 300 Reservation (Booking Request) (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:** **B1** Beginning Segment for Booking or Pick-up/Delivery  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**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 B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.
  - 2 B103 is the booking date accepted by the carrier.

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	B101	140 <b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/4
M	B102	145 <b>Shipment Identification Number</b> 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) <i>Enter in an eight (8) digit alpha numeric code. The first six (6) digits are the Port Call File Number (PCFN) and the last two (2) digits are the year.</i>	M AN 1/30
Not Used	B103	373 <b>Date</b> Date expressed as CCYYMMDD	O DT 8/8
Must Use	B104	558 <b>Reservation Action Code</b> Code identifying action on reservation or offering N New U Change	O ID 1/1

*A "U" is utilized AFTER an Ocean Carrier receives an initial TS 300 offering using a "N" code.*

*EXAMPLE 1: (Cargo Offering Increase) An initial offering may have been for ten (10) containers of cargo. The Ocean Carrier transmits a TS 301 Confirmation for all ten (10) containers. A shipper then indicates that they want to increase the offering from the initial ten (10) containers to fifteen (15) containers.*

*IBS will then transmit another TS 300 using the "U" value. The number of containers will be the total number of containers fifteen (15), NOT just the additional ones.*

*The Ocean Carriers can then send back a TS 301 accepting the fifteen (15), or rejecting just those five (5), since they've already accepted the original ten (10).*

*EXAMPLE 2: (Cargo Offering Decrease) If after an initial TS 300 for ten (10) containers of cargo has been accepted by an Ocean Carrier and then the shipper needs to decrease that offer by six (6), IBS will transmit a TS 300 with a "U" value indicating that now only four (4) containers are being offered.*

*The Ocean Carrier can now either send a TS 301 accepting only those four (4) containers, or a TS 301 rejecting the booking.*

**Segment:** **G61** Contact  
**Position:** 025  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom communications should be directed  
**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 G6103 qualifies G6104.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6101	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact <i>Booking contact at Ft. Eustis, Va.</i>	M ID 2/2
M	G6102	93	<b>Name</b> Free-form name	M AN 1/60
Rec	G6103	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number TE Telephone	X ID 2/2
Rec	G6104	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Not Used	G6105	443	<b>Contact Inquiry Reference</b> Additional reference number or description to clarify a contact number	O AN 1/20

**Segment:** **Y1 Space Reservation Request**  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify information used to make a reservation for space on an ocean vessel  
**Syntax Notes:** 1 If either Y102 or Y109 is present, then the other is required.  
**Semantic Notes:** 1 Y102 is the date the shipment for which space reservation is requested to be available at the origin.  
**Comments:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>Y101</b>	<b>135 Sailing/Flight Date Estimated</b>	<b>O DT 8/8</b>
		Date for reservation expressed in format CCYYMMDD <i>Enter the date the vessel is scheduled to depart, the vessel sailing date.</i>	
<b>Must Use</b>	<b>Y102</b>	<b>373 Date</b>	<b>X DT 8/8</b>
		Date expressed as CCYYMMDD <i>The date the cargo is available for pickup or receipt at load port.</i>	
<b>Not Used</b>	<b>Y103</b>	<b>140 Standard Carrier Alpha Code</b>	<b>O ID 2/4</b>
		Standard Carrier Alpha Code Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Rec</b>	<b>Y104</b>	<b>91 Transportation Method/Type Code</b>	<b>O ID 1/2</b>
		Code specifying the method or type of transportation for the shipment LT Less Than Trailer Load (LTL) O Containerized Ocean Q Conventional Ocean <i>Use this value for "BREAKBULK" or "RORO".</i>	
<b>Not Used</b>	<b>Y105</b>	<b>98 Entity Identifier Code</b>	<b>O ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>Y106</b>	<b>19 City Name</b>	<b>O AN 2/30</b>
		Free-form text for city name	
<b>Not Used</b>	<b>Y107</b>	<b>156 State or Province Code</b>	<b>O ID 2/2</b>
		Code (Standard State/Province) as defined by appropriate government agency Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>Y108</b>	<b>375 Tariff Service Code</b>	<b>O ID 2/2</b>

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Code specifying the types of services for rating purposes  
Refer to 004010 Data Element Dictionary for acceptable code values.

**Must Use**    **Y109**    **374**    **Date/Time Qualifier**    **X**    **ID 3/3**

Code specifying type of date or time, or both date and time

169                      Product Availability Date

**Segment:** **Y2** Container Details  
**Position:** 060  
**Loop:** Y2 Optional (Recommended)  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To specify container information and transportation service to be used  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
M	Y201	95 Number of Containers Number of shipping containers <i>Use a "0" if offering breakbulk.</i>	M N0 1/4
Rec	Y202	78 Container Type Request Code Code indicating type of container equipment requested <i>Only used for CONTAINERIZED cargo.</i> C Containers with Chassis S Shipper To Provide - None Requested	O ID 1/1
Rec	Y203	56 Type of Service Code Code specifying extent of transportation service requested <i>Only used for breakbulk.</i> NC Non-containerized cargo	O ID 2/2
M	Y204	24 Equipment Type Code identifying equipment type <i>Enter the appropriate ISO Standard Codes. If no ISO code exists, then enter ZZZZ, as a place holder. The source for these codes is in the "Identification Marking Code For Freight Containers (ISO 2716-1972). It can be obtained from the American National Standards Institute.</i>	M ID 4/4
Not Used	Y205	91 Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
Not Used	Y206	177 Intermodal Service Code Code identifying the Intermodal Service Plan Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
Not Used	Y207	140 Standard Carrier Alpha Code Standard Carrier Alpha Code Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/4



**Segment:** **N9 Reference Identification**  
**Position:** 069  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 100  
**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:**

**Notes:** *Ocean carriers should always expect a voyage number and TCN.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N901	128	<b>Reference Identification Qualifier</b>	M ID 2/3
			Code qualifying the Reference Identification	
		2E	Foreign Military Sales Case Number	
			A reference number designating the foreign military sale records	
		CT	Contract Number	
		KL	Contract Reference	
			<i>Contract type for rating purposes - MILSTAMP.</i>	
		P4	Project Code	
		TG	Transportation Control Number (TCN)	
			<i>This value is only used for SeaVan TCN's. All breakbulk TCN's will be located in L506.</i>	
		TH	Transportation Account Code (TAC)	
		V3	Voyage Number	
			<i>This is the military voyage number.</i>	
Must Use	N902	127	<b>Reference Identification</b>	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	N903	369	<b>Free-form Description</b>	X AN 1/45
			Free-form descriptive text	
Not Used	N904	373	<b>Date</b>	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	N905	337	<b>Time</b>	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)

<b>Not Used</b>	<b>N906</b>	<b>623</b>	<b>Time Code</b>	<b>O ID 2/2</b>
			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 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>N907</b>	<b>C040</b>	<b>Reference Identifier</b>	<b>O</b>
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
<b>Not Used</b>	<b>C04001</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>C04002</b>	<b>127</b>	<b>Reference Identification</b>	<b>M AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Not Used</b>	<b>C04003</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>C04004</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** **N1** Name  
**Position:** 080  
**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.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual CI Consignor CN Consignee SH Shipper <i>This is the cargo pick-up point.</i>	M ID 2/3
Rec	N102	93	<b>Name</b> Free-form name	X AN 1/60
Rec	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) <i>Use only a "10" when there is a "CI" in N101. When there is an "CN, SH" in N101, use either a "10" or "16" in N103.</i> 10 Department of Defense Activity Address Code (DODAAC) 16 ZIP Code	X ID 1/2
Rec	N104	67	<b>Identification Code</b> Code identifying a party or other code <i>Enter either the DODAAC or a 5 digit Zip Code in this element depending upon which code is used in N103.</i>	X AN 2/80
Not Used	N105	706	<b>Entity Relationship Code</b> Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
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Code identifying an organizational entity, a physical location, property or an individual

Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** **N3** Address Information  
**Position:** 100  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Notes:** *The address is only for the consignee or shipper. If the address is longer than 55 characters, it will roll over into N302.*

**Data Element Summary**

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

**Segment:** **N4 Geographic Location**  
**Position:** 110  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional (Must Use)  
**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.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	
<b>Must Use</b>	<b>N401</b>	<b>19 City Name</b> Free-form text for city name	<b>O AN 2/30</b>
<b>Rec</b>	<b>N402</b>	<b>156 State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
<b>Rec</b>	<b>N403</b>	<b>116 Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 3/15</b>
<b>Rec</b>	<b>N404</b>	<b>26 Country Code</b> Code identifying the country Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 2/3</b>
<b>Not Used</b>	<b>N405</b>	<b>309 Location Qualifier</b> Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X ID 1/2</b>
<b>Not Used</b>	<b>N406</b>	<b>310 Location Identifier</b> Code which identifies a specific location	<b>O AN 1/30</b>

**Segment:** **G61 Contact**  
**Position:** 120  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom communications should be directed  
**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 G6103 qualifies G6104.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	G6101	366 <b>Contact Function Code</b>	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		SH Shipper Contact	
M	G6102	93 <b>Name</b>	M AN 1/60
		Free-form name	
		<i>Enter the shipper POC name.</i>	
Rec	G6103	365 <b>Communication Number Qualifier</b>	X ID 2/2
		Code identifying the type of communication number	
		TE Telephone	
Rec	G6104	364 <b>Communication Number</b>	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>Enter the Shipper telephone number.</i>	
Not Used	G6105	443 <b>Contact Inquiry Reference</b>	O AN 1/20
		Additional reference number or description to clarify a contact number	

**Segment:** **R4 Port or Terminal**  
**Position:** 130  
**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			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	R401	115	<b>Port or Terminal Function Code</b>	<b>M ID 1/1</b>
			Code defining function performed at the port or terminal with respect to a shipment	
			<i>Code values E, J, K, and R are for future use. Code values D and L will always be sent.</i>	
		D	Port of Discharge (Operational) Port at which cargo is unloaded from vessel	
		E	Place of Delivery (Contractual) Place at which cargo leaves its care and custody of carrier	
		J	Bill of Lading Port of Loading (Contractual) Place at which cargo is loaded on board the means of transport	
		K	Bill of Lading Port of Discharge (Contractual) Place at which cargo is discharged from means of transport	
		L	Port of Loading (Operational) Port at which cargo is loaded on vessel	
		R	Place of Receipt (Contractual) Place at which cargo enters the care and custody of carrier	
<b>Must Use</b>	<b>R402</b>	<b>309</b>	<b>Location Qualifier</b>	<b>X ID 1/2</b>
			Code identifying type of location	
		D	Census Schedule D	
		K	Census Schedule K	
<b>Must Use</b>	<b>R403</b>	<b>310</b>	<b>Location Identifier</b>	<b>X AN 1/30</b>
			Code which identifies a specific location	
<b>Must Use</b>	<b>R404</b>	<b>114</b>	<b>Port Name</b>	<b>O AN 2/24</b>

			Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property	
<b>Not Used</b>	<b>R405</b>	<b>26</b>	<b>Country Code</b>	<b>O ID 2/3</b>
			Code identifying the country	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>R406</b>	<b>174</b>	<b>Terminal Name</b>	<b>O AN 2/30</b>
			Free-form field for terminal name	
<b>Not Used</b>	<b>R407</b>	<b>113</b>	<b>Pier Number</b>	<b>O AN 1/4</b>
			Identifying number for the pier	
<b>Not Used</b>	<b>R408</b>	<b>156</b>	<b>State or Province Code</b>	<b>O ID 2/2</b>
			Code (Standard State/Province) as defined by appropriate government agency	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

**Segment:** **DTM** Date/Time Reference

**Position:** 140

**Loop:** R4 Mandatory

**Level:** Heading

**Usage:** Optional (Recommended)

**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:** *The required delivery date occurs only for the Port Of Discharge (R401 = 'D').*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>
			Code specifying type of date or time, or both date and time	
			996 Required Delivery	
			A date on which or before, ordered goods or services must be delivered	
Rec	DTM02	373	<b>Date</b>	<b>X DT 8/8</b>
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	<b>Time</b>	<b>X TM 4/8</b>
			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)	
Not Used	DTM04	623	<b>Time Code</b>	<b>O ID 2/2</b>
			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 004010 Data Element Dictionary for acceptable code values.	
Not Used	DTM05	1250	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
			Code indicating the date format, time format, or date and time format	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	DTM06	1251	<b>Date Time Period</b>	<b>X AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times	

**Segment:** **W09 Equipment and Temperature**

**Position:** 150

**Loop:**

**Level:** Heading

**Usage:** Optional (Recommended)

**Max Use:** 1

**Purpose:** To relate equipment type and required temperatures

**Syntax Notes:** 1 If either W0902 or W0903 is present, then the other is required.

2 If either W0904 or W0905 is present, then the other is required.

**Semantic Notes:** 1 W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).

2 W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).

3 W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.

4 W0908 is the humidity percentage.

5 W0909 is the number of air exchanges per hour.

**Comments:**

**Notes:** *To be used with reefers.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	W0901	40 <b>Equipment Description Code</b> Code identifying type of equipment used for shipment CZ Refrigerated Container	M ID 2/2
Rec	W0902	408 <b>Temperature</b> Temperature <i>Enter the minimum temperature.</i>	X R 1/4
Rec	W0903	355 <b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken FA Fahrenheit	X ID 2/2
Rec	W0904	408 <b>Temperature</b> Temperature <i>Enter the maximum temperature.</i>	X R 1/4
Rec	W0905	355 <b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken FA Fahrenheit	X ID 2/2
Not Used	W0906	3 <b>Free Form Message</b> Free-form text	O AN 1/60
Not Used	W0907	1122 <b>Vent Setting Code</b>	O ID 1/1

300 - Reservation (Booking Request)(Ocean)

Code describing the setting on the air vents on ocean-type containers  
Refer to 004010 Data Element Dictionary for acceptable code values.

<b>Not Used</b>	<b>W0908</b>	<b>488</b>	<b>Percent</b>	<b>O N0 1/3</b>
			Percent expressed as 0 to 100	
<b>Not Used</b>	<b>W0909</b>	<b>380</b>	<b>Quantity</b>	<b>O R 1/15</b>
			Numeric value of quantity	

**Segment:** **H3** Special Handling Instructions  
**Position:** 160  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Recommended)  
**Max Use:** 6  
**Purpose:** To specify special handling instructions in coded or free-form format  
**Syntax Notes:** 1 Only one of H301 or H302 may be present.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use of this segment is restricted to code value "OOD" (On Deck Stowage). All other code values are reserved for future use.*

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
Must Use	H301	152 Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		APL	Appliance Servicing The additional service charge or order for a transportation carrier to service used household goods appliances by securing the item in such a manner that it withstand handling and transportation
		BU2	Bunker Adjustment - 20 Foot Container
		BU4	Bunker Adjustment - 40 Foot Container
		BUA	Bunker Adjustment
		CA2	Currency Adjustment - 20 Foot Container
		CA4	Currency Adjustment - 40 Foot Container
		CFC	Customs Fees - Container Level
		CFL	Customs Fees - Lift Level
		CGT	Cargo Taxes
		CRL	Container Lease
		CTL	Controlled Atmosphere
		DDZ	Drayage at Port of Debarkation (Rate Zone)
		DEZ	Drayage at Port of Embarkation (Rate Zone)
		DFD	Keep From Freezing Percent Differential
		DOV	Container Diversion
		DPD	Drayage at Port of Debarkation
		DPE	Drayage at Port of Embarkation
		EXL	Extra Length Surcharge
		FAK	Barge Freight All Kinds Service
		FLS	Flatrack Surcharge
		GMS	Garment Surcharge

HZD	Hazardous Cargo On Deck
LC2	Land Currency Adjustment Factor - 20 Foot Container
LC4	Land Currency Adjustment - 40 Foot Container
LCL	Percent Differential - Less Than Container
LEC	Less Than Container
LFD	Linehaul from Port of Debarkation
LMD	Liner Terms at Port of Debarkation
LME	Liner Terms at Port of Embarkation
LPD	Linehaul Percent Differential
LTE	Linehaul To Port of Embarkation
MAT	Modified Atmosphere
OCN	Over Height Container
OOD	On Deck Stowage
OWC	Over Width Container
PRT	Stuffing Charge
PVP	Private Owned Vehicle Processing
RDH	Railhead Handling
REP	Respotting
RFM	Reefer Maintenance
RPD	Reefer Cargo Percent Differential
SFB	Single Factor Origination/Destination
SFD	Single Factor Origination/Port of Debarkation
SFE	Single Factor Port of Embarkation/Destination
SSC	Stripping, Sorting & Consolidation
SSU	Pole Lashing Equipment (PLE) Surcharge
STD	Stop-off at Destination
STO	Stowage
STP	Stop-off at Origination
TER	Terminal Handling Charges
VCL	Van Cleaning
WBB	Wharfage - Breakbulk
WCT	Wharfage - Container
WFG	Wharfage
WRB	War Risk Crew Bonus
WRI	War Risk Insurance

**Not Used    H302    153    Special Handling Description    X    AN 2/30**

Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate

**Not Used    H303    241    Protective Service Code    O    ID 1/4**

Code specifying perishable protective service- rail carriers only  
Refer to 004010 Data Element Dictionary for acceptable code values.

<b>Not Used</b>	<b>H304</b>	<b>242</b>	<b>Vent Instruction Code</b>	<b>O ID 1/7</b>
			Code specifying vent instructions Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>H305</b>	<b>257</b>	<b>Tariff Application Code</b>	<b>O ID 1/1</b>
			Code indicating to which traffic a tariff applies Refer to 004010 Data Element Dictionary for acceptable code values.	

**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:** *When booking breakbulk cargo segments in the LX loop, the loop will be repeated for each Transportation Control Number (TCN).*

*When booking containerized cargo, segments in the LX loop will only be repeated once.*

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
M	554 Assigned Number	M N0 1/6

Number assigned for differentiation within a transaction set

*When booking breakbulk cargo, assign numbers sequentially, ie. 1,2,3,4...999. This will be repeated for each TCN. Since containerized cargo is looped once, assign the number "1".*

**Segment:** **N7 Equipment Details**  
**Position:** 020  
**Loop:** LX Mandatory  
**Level:** Detail  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To identify the equipment.  
**Syntax Notes:** 1 If either N703 or N704 is present, then the other is required.  
 2 If either N705 or N716 is present, then the other is required.  
 3 If either N708 or N709 is present, then the other is required.  
**Semantic Notes:** 1 N712 is the owner of the equipment.  
 2 N723 is the operator or carrier of the rights of the equipment.  
**Comments:** 1 N701 is mandatory for rail transactions.  
 2 N720 and N721 are expressed in inches.  
**Notes:** *The N7 Segment is only used for non-ISO identified CONTAINERIZED CARGO. It is NOT used for breakbulk cargo.*

**Data Element Summary**

Ref.	Data	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	
Rec	<b>206 Equipment Initial</b>	<b>O AN 1/4</b>
	Prefix or alphabetic part of an equipment unit's identifying number	
M	<b>207 Equipment Number</b>	<b>M AN 1/10</b>
	Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	
	<i>Because this data element is mandatory and the container number is not normally known at the time of booking, use "0".</i>	
Not Used	<b>81 Weight</b>	<b>X R 1/10</b>
	Numeric value of weight	
Not Used	<b>187 Weight Qualifier</b>	<b>X ID 1/2</b>
	Code defining the type of weight	
	Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	<b>167 Tare Weight</b>	<b>X N0 3/8</b>
	Weight of the equipment	
Not Used	<b>232 Weight Allowance</b>	<b>O N0 2/6</b>
	Allowance made for increased weight due to such factors as snow	
Not Used	<b>205 Dunnage</b>	<b>O N0 1/6</b>
	Weight of material used to protect lading (even bracings, false floors, etc.)	
Not Used	<b>183 Volume</b>	<b>X R 1/8</b>
	Value of volumetric measure	
Not Used	<b>184 Volume Unit Qualifier</b>	<b>X ID 1/1</b>
	Code identifying the volume unit	
	Refer to 004010 Data Element Dictionary for acceptable code values.	

<b>Not Used</b>	<b>N710</b>	<b>102</b>	<b>Ownership Code</b>	<b>O ID 1/1</b>
			Code indicating the relationship of equipment to carrier or ownership of equipment	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Must Use</b>	<b>N711</b>	<b>40</b>	<b>Equipment Description Code</b>	<b>O ID 2/2</b>
			Code identifying type of equipment used for shipment	
			AC	Closed Container
			AT	Closed Container (Controlled Temperature)
			BC	Covered Barge
			BK	Container, Bulk
			BO	Barge Open
			BR	Barge
			CC	Container resting on a Chassis
			CG	Container, Tank (Gas)
			CI	Container, Insulated
			CJ	Container, Insulated/Ventilated
			CL	Container (Closed Top - Length Unspecified)
			CM	Container, Open-Sided
			CN	Container
			CQ	Container, Tank (Food Grade-Liquid)
			CS	Container-Low Side Open Top
			CU	Container (Open Top - Length Unspecified)
			CV	Closed Van
			CW	Container, Tank (Chemicals)
			CX	Container, Tank
			CZ	Refrigerated Container
			DT	Drop Back Trailer
			FH	Flat Bed Trailer with Headboards
			FN	Flat Bed Trailer with No Headboards
			FR	Flat Bed Trailer - Removable Sides
			FT	Flat Bed Trailer
			HB	Container with Hangar Bars
				Container must be equipped with hangar beams/bars for garment shipments
			HV	High Cube Van
			IX	Boxcar (Insulated)
			LS	Half Height Flat Rack
			OT	Open-top/flatbed trailer
			OV	Open Top Van
			PL	Container, Platform
			RA	Fixed-Rack, Flat-Bed Trailer

				A flatbed trailer with an A-frame
			RC	Refrigerated (Reefer) Car
			RD	Fixed-Rack, Double Drop Trailer
				A double-drop, flatbed with an A-frame
			RE	Flat Car (End Bulkheads)
			RF	Flat Car
			RR	Rail Car
			RS	Fixed-Rack, Single-Drop Trailer
				A single-drop, flatbed with an A-frame
			RT	Controlled Temperature Trailer (Reefer)
			SD	Single-Drop Trailer
				A flatbed trailer with one drop deck
			SL	Container, Steel
				Container must be made of steel
			SS	Container with Smooth Sides
				Walls in ocean container must be flat/smooth
			ST	Removable Side Trailer
			TA	Trailer, Heated/Insulated/Ventilated
			TC	Trailer, Car
			TF	Trailer, Dry Freight
			TI	Trailer, Insulated
			TL	Trailer (not otherwise specified)
			TM	Trailer, Insulated/Ventilated
			TW	Trailer, Refrigerated
				A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature
			VA	Container, Vented
				Dry container must have vent openings for air exchange

<b>Not Used</b>	<b>N712</b>	<b>140</b>	<b>Standard Carrier Alpha Code</b>	<b>O ID 2/4</b>
			Standard Carrier Alpha Code	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>N713</b>	<b>319</b>	<b>Temperature Control</b>	<b>O AN 3/6</b>
			Free-form abbreviation of temperature range or flash-point temperature	
<b>Not Used</b>	<b>N714</b>	<b>219</b>	<b>Position</b>	<b>O AN 1/3</b>
			Relative position of shipment in car, trailer, or container (mutually defined)	
<b>Must Use</b>	<b>N715</b>	<b>567</b>	<b>Equipment Length</b>	<b>O N0 4/5</b>
			Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)	
<b>Not Used</b>	<b>N716</b>	<b>571</b>	<b>Tare Qualifier Code</b>	<b>X ID 1/1</b>

			Code identifying the type of tare Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>N717</b>	<b>188</b>	<b>Weight Unit Code</b>	<b>O ID 1/1</b>
			Code specifying the weight unit Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>N718</b>	<b>761</b>	<b>Equipment Number Check Digit</b>	<b>O N0 1/1</b>
			Number which designates the check digit applied to a piece of equipment	
<b>Not Used</b>	<b>N719</b>	<b>56</b>	<b>Type of Service Code</b>	<b>O ID 2/2</b>
			Code specifying extent of transportation service requested Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Rec</b>	<b>N720</b>	<b>65</b>	<b>Height</b>	<b>O R 1/8</b>
			Vertical dimension of an object measured when the object is in the upright position	
<b>Not Used</b>	<b>N721</b>	<b>189</b>	<b>Width</b>	<b>O R 1/8</b>
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
<b>Not Used</b>	<b>N722</b>	<b>24</b>	<b>Equipment Type</b>	<b>O ID 4/4</b>
			Code identifying equipment type Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>N723</b>	<b>140</b>	<b>Standard Carrier Alpha Code</b>	<b>O ID 2/4</b>
			Standard Carrier Alpha Code Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>N724</b>	<b>301</b>	<b>Car Type Code</b>	<b>O ID 1/4</b>
			Code specifying type of rail car or intermodal equipment type and its general characteristics Refer to 004010 Data Element Dictionary for acceptable code values.	

**Segment:** **L0** Line Item - Quantity and Weight

**Position:** 040

**Loop:** LX Mandatory

**Level:** Detail

**Usage:** Optional (Recommended)

**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>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	L001	213 <b>Lading Line Item Number</b> Sequential line number for a lading item	O N0 1/3
Not Used	L002	220 <b>Billed/Rated-as Quantity</b> Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	X R 1/11
Not Used	L003	221 <b>Billed/Rated-as Qualifier</b> Code identifying the type of quantity or value on which the rate or item pricing is based Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Rec	L004	81 <b>Weight</b> Numeric value of weight	X R 1/10
Rec	L005	187 <b>Weight Qualifier</b> Code defining the type of weight E Estimated Net Weight	X ID 1/2
Rec	L006	183 <b>Volume</b> Value of volumetric measure	X R 1/8
Rec	L007	184 <b>Volume Unit Qualifier</b>	X ID 1/1

			Code identifying the volume unit	
			E                      Cubic Feet	
<b>Rec</b>	<b>L008</b>	<b>80</b>	<b>Lading Quantity</b>	<b>X N0 1/7</b>
			Number of units (pieces) of the lading commodity	
			<i>This is the number of breakbulk pieces. This element is NOT used with containerized cargo.</i>	
<b>Rec</b>	<b>L009</b>	<b>211</b>	<b>Packaging Form Code</b>	<b>X ID 3/3</b>
			Code for packaging form of the lading quantity	
			PCS                      Pieces	
<b>Not Used</b>	<b>L010</b>	<b>458</b>	<b>Dunnage Description</b>	<b>O AN 2/25</b>
			Material used to protect lading	
<b>Rec</b>	<b>L011</b>	<b>188</b>	<b>Weight Unit Code</b>	<b>O ID 1/1</b>
			Code specifying the weight unit	
			K                      Kilograms	
			L                      Pounds	
<b>Not Used</b>	<b>L012</b>	<b>56</b>	<b>Type of Service Code</b>	<b>O ID 2/2</b>
			Code specifying extent of transportation service requested	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>L013</b>	<b>380</b>	<b>Quantity</b>	<b>X R 1/15</b>
			Numeric value of quantity	
<b>Not Used</b>	<b>L014</b>	<b>211</b>	<b>Packaging Form Code</b>	<b>O ID 3/3</b>
			Code for packaging form of the lading quantity	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>L015</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b>	<b>X ID 1/1</b>
			Code indicating a Yes or No condition or response	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

**Segment:** **L5** Description, Marks and Numbers  
**Position:** 050  
**Loop:** LX Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**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.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	L501	213 Lading Line Item Number Sequential line number for a lading item	O N0 1/3
Rec	L502	79 Lading Description Description of an item as required for rating and billing purposes <i>This is a free form text describing the commodity code.</i>	O AN 1/50
Rec	L503	22 Commodity Code Code describing a commodity or group of commodities <i>Enter the MILSTAMP Code.</i>	X AN 1/30
Rec	L504	23 Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code I Milstamp AITC or Water Commodity Code	X ID 1/1
Rec	L505	103 Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required <i>The only code values used in containerized bookings are CNT, SV2, MLS, and MS2. All other codes are to be used with breakbulk offerings.</i>	O AN 3/5
		AMM Ammo Pack	
		AMP Ampoule	
		BAG Bag	
		BBL Barrel	
		BDL Bundle	
		BOX Box	
		CAN Can	



300 - Reservation (Booking Request)(Ocean)

<b>Not Used</b>	<b>L508</b>	<b>23</b>	<b>Commodity Code Qualifier</b>	<b>X ID 1/1</b>
			Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>L509</b>	<b>22</b>	<b>Commodity Code</b>	<b>X AN 1/30</b>
			Code describing a commodity or group of commodities	
<b>Not Used</b>	<b>L510</b>	<b>595</b>	<b>Compartment ID Code</b>	<b>O ID 1/1</b>
			Code identifying the compartment in a compartmentalized tank car Refer to 004010 Data Element Dictionary for acceptable code values.	

**Segment:** **L4 Measurement**  
**Position:** 060  
**Loop:** LX Mandatory  
**Level:** Detail  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To describe physical dimensions and quantities  
**Syntax Notes:**  
**Semantic Notes:** 1 L406 is the Rounding in Pattern for dimensional shipments.  
**Comments:**  
**Notes:** *Only use for oversized cargo.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	L401	82 <b>Length</b>	M R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position	
M	L402	189 <b>Width</b>	M R 1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
M	L403	65 <b>Height</b>	M R 1/8
		Vertical dimension of an object measured when the object is in the upright position	
M	L404	90 <b>Measurement Unit Qualifier</b>	M ID 1/1
		Code specifying the linear dimensional unit N Inches	
Rec	L405	380 <b>Quantity</b>	O R 1/15
		Numeric value of quantity <i>This quantity is the number of oversized breakbulk pieces.</i>	
Not Used	L406	1271 <b>Industry Code</b>	O AN 1/30
		Code indicating a code from a specific industry code list	

**Segment:** **H1 Hazardous Material**  
**Position:** 070  
**Loop:** H1 Optional (Recommended)  
**Level:** Detail  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To specify information relative to hazardous material  
**Syntax Notes:** 1 If either H107 or H108 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is required when the shipment contains hazardous material.  
 2 H107 is the lowest temperature for hazardous materials.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	H101	62	<b>Hazardous Material Code</b>		M AN 4/10
				Code relating to hazardous material code qualifier for regulated hazardous materials <i>The prefixes "NA" (North American) or "UN" (United Nations Dangerous Goods) will be used in conjunction with the appropriate hazardous material codes.</i>	
Must Use	H102	209	<b>Hazardous Material Class Code</b>		O AN 1/4
				Code specifying the kind of hazard for a material <i>Use the IMDG number found in Source Code 52.</i>	
Must Use	H103	208	<b>Hazardous Material Code Qualifier</b>		O ID 1/1
				Code which qualifies the Hazardous Material Class Code (209) I Intergovernmental Maritime Organization (IMO) Code	
Must Use	H104	64	<b>Hazardous Material Description</b>		O AN 2/30
				Material name, special instructions, and phone number if any <i>Free form text proper name of the hazardous material. If more than 30 characters are needed use data element H202.</i>	
Must Use	H105	63	<b>Hazardous Material Contact</b>		O AN 1/24
				Phone number and name of person or department to contact in case of emergency <i>The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. No 1 800 numbers.</i>	
Must Use	H106	200	<b>Hazardous Materials Page</b>		O AN 1/6
				The United Nations page number as required for the international transport of hazardous materials	
Rec	H107	77	<b>Flashpoint Temperature</b>		X N 1/3
				The flashpoint temperature for hazardous material	
Rec	H108	355	<b>Unit or Basis for Measurement Code</b>		X ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CE Centigrade, Celsius

FA Fahrenheit

**Must Use H109 254 Packing Group Code O ID 1/3**

Code indicating degree of danger in terms of Roman number I, II or III

Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** **H2** Additional Hazardous Material Description  
**Position:** 080  
**Loop:** H1 Optional (Recommended)  
**Level:** Detail  
**Usage:** Optional (Recommended)  
**Max Use:** 10  
**Purpose:** To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** *This segment can be used for placard label information to be placed on the outside of the container.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	H201	64	<b>Hazardous Material Description</b> Material name, special instructions, and phone number if any <i>If the first three (3) characters are "NEW", then "Net Explosive Weight" follows in pounds, up to 6 numeric characters, without decimal points. If using the H2 segment because the data in H104 needs additional space and there is NO Net Explosive Weight, enter "ZZ" in H201. Because the H201 is mandatory the "ZZ" value is a mutually defined value as an extension of H104.</i>	M AN 2/30
Rec	H202	274	<b>Hazardous Material Classification</b> Free-form description of hazardous material classification or division or label requirements <i>Information in this element is a continuation from H104.</i>	O AN 1/30

**Segment:** **V1 Vessel Identification**  
**Position:** 090  
**Loop:**  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**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>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	V101	597 Vessel Code Code identifying vessel <i>Enter the Vessel Radio Call Sign. If it doesn't have one, enter the LLoyd's number.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/8
Must Use	V102	182 Vessel Name Name of ship as documented in "Lloyd's Register of Ships"	X AN 2/28
Must Use	V103	26 Country Code Code identifying the country Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3
Must Use	V104	55 Flight/Voyage Number Identifying designator for the particular flight or voyage on which the cargo travels <i>Enter the commercial voyage number.</i>	O AN 2/10
Not Used	V105	140 Standard Carrier Alpha Code Standard Carrier Alpha Code Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/4
Not Used	V106	249 Vessel Requirement Code Code specifying options for satisfying vessel requirements Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
Not Used	V107	854 Vessel Type Code Code to determine type of vessel Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Rec	V108	897 Vessel Code Qualifier Code specifying vessel code source C Ship's Radio Call Signal	O ID 1/1

L Lloyd's Register of Shipping  
Z Mutually Defined

*For barges or other vessels which are not identified by LLoyds.*

**Not Used**    **V109**    **91**    **Transportation Method/Type Code**    **O ID 1/2**  
Code specifying the method or type of transportation for the shipment  
Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** **V9 Event Detail**

**Position:** 100

**Loop:**

**Level:** Detail

**Usage:** Optional (Recommended)

**Max Use:** 10

**Purpose:** To specify information about a specific event

**Syntax Notes:**

- 1 If either V910 or V911 is present, then the other is required.
- 2 If V913 is present, then V904 is required.
- 3 If V915 is present, then V909 is required.

**Semantic Notes:**

- 1 V903 is the event date.
- 2 V904 is the event time.
- 3 V909 is the Standard Point Location Code (SPLC) of the event shown in the V901.
- 4 V910 is the length of the time delay expressed in hours.
- 5 V913 reflects the time zone which the event time reflects.
- 6 V914 is the quantity of the fuel in gallons.
- 7 V915 is the Standard Point Location Code (SPLC) of the secondary point of the delay indicated in the V911.
- 8 V916 is the total number of rail cars associated with the event code in V901.
- 9 V917 is the total number of loaded cars associated with the event code in V901.
- 10 V918 is the total number of empty cars associated with the event code in V901.
- 11 V919 is the total Gross Tons of the cars identified in V916. Includes the gross weight of the loads and the tare weight of the empties.
- 12 V920 is the total outside foot length of the cars identified in V916, rounded off to the nearest foot.

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	V901	304 <b>Event Code</b> Code identifying the event about which a report is made SPT Spot Date	M ID 3/3
Not Used	V902	106 <b>Event</b> Free-form description of event	O AN 1/25
Rec	V903	373 <b>Date</b> Date expressed as CCYYMMDD <i>Enter the spot date.</i>	O DT 8/8
Not Used	V904	337 <b>Time</b> 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

Not Used	V905	19	<b>City Name</b> Free-form text for city name	O AN 2/30
Not Used	V906	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	V907	26	<b>Country Code</b> Code identifying the country Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3
Not Used	V908	641	<b>Status Reason Code</b> Code indicating the status reason Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 3/3
Not Used	V909	154	<b>Standard Point Location Code</b> Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 6/9
Not Used	V910	380	<b>Quantity</b> Numeric value of quantity	X R 1/15
Not Used	V911	1274	<b>Train Delay Reason Code</b> Code specifying reason for train delay	X AN 2/2
Rec	V912	61	<b>Free-Form Message</b> Free-form information <i>Enter the number of containers to be spotted.</i>	O AN 1/30
Not Used	V913	623	<b>Time Code</b> 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 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	V914	380	<b>Quantity</b> Numeric value of quantity	O R 1/15
Not Used	V915	154	<b>Standard Point Location Code</b> Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 6/9
Not Used	V916	86	<b>Total Equipment</b> Total pieces of equipment	O N0 1/3
Not Used	V917	86	<b>Total Equipment</b> Total pieces of equipment	O N0 1/3

300 - Reservation (Booking Request)(Ocean)

<b>Not Used</b>	<b>V918</b>	<b>86</b>	<b>Total Equipment</b> Total pieces of equipment	<b>O N0 1/3</b>
<b>Not Used</b>	<b>V919</b>	<b>81</b>	<b>Weight</b> Numeric value of weight	<b>O R 1/10</b>
<b>Not Used</b>	<b>V920</b>	<b>82</b>	<b>Length</b> Largest horizontal dimension of an object measured when the object is in the upright position	<b>O R 1/8</b>

**Segment:** **K1** Remarks  
**Position:** 110  
**Loop:**  
**Level:** Detail  
**Usage:** Optional (Recommended)  
**Max Use:** 2  
**Purpose:** To transmit information in a free-form format for comment or special instruction  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	
<b>M</b>	<b>K101</b>	<b>61</b>	<b>Free-Form Message</b> Free-form information	<b>M AN 1/30</b>
<b>Rec</b>	<b>K102</b>	<b>61</b>	<b>Free-Form Message</b> Free-form information	<b>O AN 1/30</b>

**Segment:** **SE** Transaction Set Trailer  
**Position:** 010  
**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**

	Ref.	Data		Attributes
		<u>Des.</u>	<u>Element Name</u>	
M	SE01	96	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same value that shows in ST02</i>	