301 Confirmation (Ocean)

Functional Group ID=RO

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Confirmation (Ocean) Transaction Set (301) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for an ocean carrier to confirm space, container, and equipment availability in response to the Reservation (Booking Request) (Ocean) Transaction Set (300); or to notify other parties such as terminal operators or other ocean carriers.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0050	ISA	Interchange Control Header	M	1		
M	0075	GS	Functional Group Header	M	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	B1	Beginning Segment for Booking or Pickup/Delivery	M	1		
M	0250	G61	Contact	M	9		
Not Used	0300	Y6	Authentication	O	2		
	0400	Y3	Space Confirmation	O	1		
			LOOP ID - Y4			999	
M	0500	Y4	Container Release	M	1		
	0510	W09	Equipment and Temperature	O	27		
	0540	N9	Extended Reference Information	O	100		
Not Used	0550	R2A	Route Information with Preference	O	25		
			LOOP ID - N1			17	
M	0600	N1	Party Identification	M	1		
Not Used	0700	N2	Additional Name Information	O	1		
	0800	N3	Party Location	O	2		
	0900	N4	Geographic Location	O	1		
	1000	G61	Contact	O	9		
	1050	DTM	Date/Time Reference	O	2		
			LOOP ID - R4			6	
M	1100	R4	Port or Terminal	M	1		
	1200	DTM	Date/Time Reference	O	3		
Not Used	1300	W09	Equipment and Temperature	O	1		
	1400	H3	Special Handling Instructions	O	4		
Not Used	1500	EA	Equipment Attributes	O	5		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LX			999	
M	0100	LX	Transaction Set Line Number	M	1		
Not Used	0200	N7	Equipment Details	O	1		
Not Used	0210	W09	Equipment and Temperature	O	1		
Not Used	0300	K1	Remarks	O	10		
M	0400	L0	Line Item - Quantity and Weight	M	1		
	0500	L5	Description, Marks and Numbers	O	1		
	0550	L4	Measurement	O	1		
Not Used	0570	L1	Rate and Charges	O	1		
			LOOP ID - H1			99	
	0600	H1	Hazardous Material	O	1		
	0700	H2	Additional Hazardous Material Description	O	18		
			LOOP ID - LH1			100	
Not Used	0710	LH1	Hazardous Identification Information	O	1		
Not Used	0720	LH2	Hazardous Classification Information	O	4		
Not Used	0730	LH3	Hazardous Material Shipping Name Information	O	10		
Not Used	0740	LFH	Free-form Hazardous Material Information	O	25		
Not Used	0750	LEP	EPA Required Data	O	3		
Not Used	0760	LH4	Canadian Dangerous Requirements	O	1		
Not Used	0770	LHT	Transborder Hazardous Requirements	O	3		
Not Used	0780	LHR	Hazardous Material Identifying Reference Numbers	O	5		
Not Used	0790	PER	Administrative Communications Contact	O	5		
	0800	V1	Vessel Identification	O	2		
Not Used	0900	V9	Event Detail	O	10		
	1000	K1	Remarks	O	999		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	SE	Transaction Set Trailer	M	1		
	0110	GE	Functional Group Trailer	O	1		
	0120	IEA	Interchange Control Trailer	O	1		

Segment: **ISA** **Interchange Control Header**
Position: 0050
Loop:
Level: Heading
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*CUSTOMER_ID *020329*0930*U*05030*000010000*0*P*^~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ISA01**	**I01**	**Authorization Information Qualifier** Code identifying the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	**M 1 ID 2/2**
M	**ISA02**	**I02**	**Authorization Information** 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 1 AN 10/10**
M	**ISA03**	**I03**	**Security Information Qualifier** Code identifying the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	**M 1 ID 2/2**
M	**ISA04**	**I04**	**Security Information** 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 1 AN 10/10**
M	**ISA05**	**I05**	**Interchange ID Qualifier** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified ZZ Mutually Defined	**M 1 ID 2/2**
M	**ISA06**	**I06**	**Interchange Sender ID** 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 MSCU	**M 1 AN 15/15**
M	**ISA07**	**I05**	**Interchange ID Qualifier** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified ZZ Mutually Defined	**M 1 ID 2/2**
M	**ISA08**	**I07**	**Interchange Receiver ID** 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 Customer EDI_ID	**M 1 AN 15/15**
M	**ISA09**	**I08**	**Interchange Date** Date of the interchange YYMMDD format	**M 1 DT 6/6**
M	**ISA10**	**I09**	**Interchange Time** Time of the interchange HHMM format	**M 1 TM 4/4**

M	**ISA11**	**I65**	**Repetition Separator** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator	**M**	**1**	**AN 1/1**
M	**ISA12**	**I11**	**Interchange Control Version Number** Code specifying the version number of the interchange control segments 00503 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2005	**M**	**1**	**ID 5/5**
M	**ISA13**	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**1**	**N0 9/9**
M	**ISA14**	**I13**	**Acknowledgment Requested** Code indicating sender's request for an interchange acknowledgment 0 No Interchange Acknowledgment Requested	**M**	**1**	**ID 1/1**
M	**ISA15**	**I14**	**Interchange Usage Indicator** Code indicating whether data enclosed by this interchange envelope is test, production or information P Production Data T Test Data	**M**	**1**	**ID 1/1**
M	**ISA16**	**I15**	**Component Element Separator** 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	**M**	**1**	**AN 1/1**

Segment: **GS** **Functional Group Header**
Position: 0075
Loop:
Level: Heading
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*RO*MSCU*CUSTOMER_ID*20020329*0930*1000*X*005030

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**GS01**	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets RO Ocean Booking Information (300, 301, 303)	**M 1 ID 2/2**
M	**GS02**	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners MSCU	**M 1 AN 2/15**
M	**GS03**	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners Customer EDI ID	**M 1 AN 2/15**
M	**GS04**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date expressed as CCYYMMDD	**M 1 DT 8/8**
M	**GS05**	**337**	**Time** 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) Time expressed in 24-hour clock time.	**M 1 TM 4/8**
M	**GS06**	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M 1 N0 1/9**
M	**GS07**	**455**	**Responsible Agency Code** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 X Accredited Standards Committee X12	**M 1 ID 1/2**
M	**GS08**	**480**	**Version / Release / Industry Identifier Code** 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 005030 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2005	**M 1 AN 1/12**

Segment: **ST** **Transaction Set Header**
Position: 0100
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).
2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.
Comments:
Notes: ST*301*0001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 301 Confirmation (Ocean)	**M**	**1**	**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**	**1**	**AN 4/9**
X	**ST03**	**1705**	**Implementation Convention Reference**	**O**	**1**	**AN 1/35**

Segment: **B1** **Beginning Segment for Booking or Pickup/Delivery**
Position: 0200
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 either the carrier receiving the booking request or the carrier sending the booking confirmation.
2 B103 is either the date of the booking request or the date the booking was accepted by the carrier.
3 If B105 is "Y", partial loadings are allowed. If B105 is "N", partial loadings are not allowed.
4 B106 should be sent if the B104 action code is a "D" for decline.
Comments:
Notes: B1**SHIPMENTID123*20020329*A

Bookings in Confirmed state cannot be placed in Pending state.

Customer Shipment ID will be sent if provided on the original Customer booking request.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	**B101**	**140**	**Standard Carrier Alpha Code**	**M**	**1**	**ID 2/4**
	B102	**145**	**Shipment Identification Number**	**O**	**1**	**AN 1/30**
			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)			
			Customer Shipment ID			
	B103	**373**	**Date**	**O**	**1**	**DT 8/8**
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
			Date expressed as CCYYMMDD Date of Booking Activity (B104)			
M	**B104**	**558**	**Reservation Action Code**	**M**	**1**	**ID 1/1**
			Code identifying action on reservation or offering			
			Supplied Values: A Reservation Accepted/Confirmed B Conditional Acceptance D Reservation Cancelled/Declined P Pending R Replaced			
	B105	**1073**	**Yes/No Condition or Response Code**	**O**	**1**	**ID 1/1**
			Code indicating a Yes or No condition or response			
			Split Booking Indicator Y – Split Booking N – Non Split			
			N No			
			Y Yes			
X	**B106**	**1658**	**Shipment or Work Assignment Decline Reason Code**	**O**	**1**	**ID 3/3**
			Refer to 005030 Data Element Dictionary for acceptable code values.			

Segment: **G61** **Contact**
Position: 0250
Loop:
Level: Heading
Usage: Mandatory
Max Use: 9
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.
Notes: G61*IC*GENERAL CONTACT NAME*TE*(901) 338-5598~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**G6101**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named IC Information Contact	**M**	**1**	**ID 2/2**
M	**G6102**	**93**	**Name** Free-form name Free-form name Only 35 characters will be Sent	**M**	**1**	**AN 1/35**
	G6103	**365**	**Communication Number Qualifier** Code identifying the type of communication number Supplied Values: EM Electronic Mail FX Facsimile TE Telephone	**X**	**1**	**ID 2/2**
	G6104	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**1**	**AN 1/512**
X	**G6105**	**443**	**Contact Inquiry Reference**	**O**	**1**	**AN 1/20**

Segment: **Y3** **Space Confirmation**
Position: 0400
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify confirmation information for space booking including numbers, dates, and load time
Syntax Notes:
1 If Y309 is present, then Y308 is required.
Semantic Notes:
1 Y303 is the date of departure of the vessel.
2 Y304 is the estimated arrival date at the port of discharge.
3 Y307 is the required pier date.
4 Y308 is the load time.
5 Y311 is the time zone which the time reflects.
Comments:
1 If space is available, all of the conditional data elements in segment Y3 are required. If the requested space is not available, Y301 is the booking number 'decline'.
Notes: Y3*******20090619*2300**PP~

The reservation request information entered in this segment will also be the haulage arrangement information applied to all equipment in the shipment.

This segment will not be processed if received in a Declination transaction (B104 = D) or a Replaced transaction (B104 = R).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**Y301**	**13**	**Booking Number** Number assigned by the carrier for space reservation	**M**	**1**	**AN 1/17**
X	**Y302**	**140**	**Standard Carrier Alpha Code**	**O**	**1**	**ID 2/4**
X	**Y303**	**373**	**Date**	**O**	**1**	**DT 8/8**
X	**Y304**	**373**	**Date**	**O**	**1**	**DT 8/8**
X	**Y305**	**154**	**Standard Point Location Code**	**O**	**1**	**ID 6/9**
X	**Y306**	**112**	**Pier Name**	**O**	**1**	**AN 2/14**
X	**Y307**	**373**	**Date**	**O**	**1**	**DT 8/8**
X	**Y308**	**337**	**Time**	**X**	**1**	**TM 4/8**
X	**Y309**	**91**	**Transportation Method/Type Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 1/2**
	Y310	**375**	**Tariff Service Code** Code specifying the types of services for rating purposes	**O**	**1**	**ID 2/2**

The X12 standard does not provide a field to define Carrier/Merchant Haulage so this element will be used for that purpose:

If PP then Merchant haulage If DD, DP or PD then Carrier haulage

MSC will always supply one of the following values:

DD	Door-to-Door Rate applies for shipments in door-to-door service Rules: Both Ship-from and Ship-to addresses will always be sent for Door-to-Door haulage. Also Carrier Haulage at Export, Carrier Haulage at Import The carrier is responsible for the intermodal carriage of cargo including both the pre-carriage and the on-carriage
DP	Door-to-Pier Rate applies for shipments in door-to-ocean carrier's port/terminal pier service

				Rules: Ship-from address will always be sent for Door_to-Pier haulage. Also Carrier Haulage at Export, Merchant Haulage at Import. The carrier is responsible for the intermodal carriage of cargo including the pre-carriage, but excluding the on_carriage			
			PD	Pier-to-Door Rate applies for shipments in pier-to-door service			
				Rules: Ship-to address will always be sent for Pier-to_Door haulage. Also Merchant Haulage at Export, Carrier Haulage at Import The carrier is responsible for the intermodal carriage of cargo including the on-carriage, but excluding the pre_carriage.			
			PP	Pier-to-Pier All cargo other than that specified in codes HH, HP, or PH whether shipped in containers or otherwise			
				Rules: No addresses are necessary for Pier-to-Pier haulage. Merchant Haulage at Export, Merchant Haulage at Import. The carrier of intermodal cargo is only responsible for the main carriage			
X	**Y311**	**623**	**Time Code** Refer to 005030 Data Element Dictionary for acceptable code values.		**O**	**1**	**ID**	**2/2**

Segment: **Y4** **Container Release**
Position: 0500
Loop: Y4 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit information relative to containers available for release
Syntax Notes:
1 If either Y408 or Y409 is present, then the other is required.
Semantic Notes:
1 Y401 is used for the first booking number and Y402 for the last booking number in a range of numbers. If only one booking number is used, Y402 is omitted.
2 Y403 is the date of container availability for pickup.
3 Y404 is the Standard Point Location Code (SPLC) of the container pickup location.
4 Y407 identifies the carrier to whom containers will be released, if known.
Comments:
Notes: Y4*****2*42G0~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	Y401	13	**Booking Number**	O	1	AN 1/17
X	Y402	13	**Booking Number**	O	1	AN 1/17
X	Y403	373	**Date**	O	1	DT 8/8
X	Y404	154	**Standard Point Location Code**	O	1	ID 6/9
M	Y405	95	**Number of Containers** Number of shipping containers This element will always be supplied. If the container number (Actual or Logical) is provided then the container number must be equal to 1.	M	1	N0 1/15
M	Y406	24	**Equipment Type** Code identifying equipment type MSC will always supply the ISO equipment codes.	M	1	ID 4/4
X	Y407	140	**Standard Carrier Alpha Code**	O	1	ID 2/4
X	Y408	309	**Location Qualifier** Refer to 005030 Data Element Dictionary for acceptable code values.	X	1	ID 1/2
X	Y409	310	**Location Identifier**	X	1	AN 1/30
	Y410	56	**Type of Service Code** Code specifying extent of transportation service requested MSC Will use this Element to identify the Equipment Ownership. Acceptable values are: 01 – Shipper Owned 02 – Carrier Owned	O	1	ID 2/2

Segment: **W09** **Equipment and Temperature**
Position: 0510
Loop: Y4 Mandatory
Level: Heading
Usage: Optional
Max Use: 27
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: W09*CN*-15*FA***TCI-Reefer Comments**40*2

the set temperature (W0902) be the same for all W09 segment in
the transaction.

Set Temperature will be 3 digits (including the minus sign) for temperature set.

W0902 is Set Temperature (if temperature is negative this field must be signed with a - sign therefore temperature can be set from -99 to 998

Unsigned temperature is assumed to be positive.

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

W0908 is the humidity percentage.

W0909 is the number of air exchanges per hour.

If a reefer container is used, but refrigeration is not needed, W0902 will be set to 999, which indicates no set temperature (Non Active Reefer).

This segment must be provided when reefer containers specifically identified by equipment type code (Y406) are provided and the temperature regulation unit is to be active.

This segment may be provided when hybrid (e.g. tanks) containers specifically identified by equipment type code (Y406) are provided and the temperature regulation unit is to be active.

Temperature is stored at MSC as provided by the carrier.

If number of containers (Y405) is greater than 1, the information in this segment will be applied to all containers in the group.

Set Temperature must conform to below rules:
- Decimal must be represented using the dot ('.').
- Temperature values must not include group separators.
- Temperature must contain 3 valid Numeric Digits, and may also contain a decimal and minus sign ('-').

- Maximum Precision of Temperature is 1.
- Negative Temperature must include a Minus sign ('-') and it must be in the first position of the element.
- Positive Temperature must be Unsigned.

Valid examples: 005, -005, -05.5, 55.2, 45.0

Invalid examples: 1, -5, -05, 5.5, 23-, 35, .3, 5.04, +045

This segment will not be processed for carrier Cancellation/Decline (B104 = 'D') or Replacement (B104 = 'R').

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**W0901**	**40**	**Equipment Description Code** Code identifying type of equipment used for shipment CN Container	**M**	**1**	**ID 2/2**
	W0902	**408**	**Temperature** Temperature Reefer temperature. For NON ACTIVE reefer, set the temperature to 999.	**X**	**1**	**R 1/3**
	W0903	**355**	**Unit or Basis for Measurement Code** 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	**X**	**1**	**ID 2/2**
X	**W0904**	**408**	**Temperature**	**X**	**1**	**R 1/4**
X	**W0905**	**355**	**Unit or Basis for Measurement Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**X**	**1**	**ID 2/2**
	W0906	**3**	**Free-form Message** Free-form text Equipment/Reefer Comments. The first 4 characters of the comments is the code that identifies equipment information provided in the free form element. A. Temperature Control Instructions 1. ECA: This is an indicator/flag to indicate that the Equipment Atmosphere must be controlled. When ECA is sent, only the first 3 characters of this element are processed. 2. FRZ: This is an indicator/flag to indicate that Super Freezer Service is requested. When FRZ is sent, only the first 3 characters of this element are processed. 3. GEN: This is an indicator/flag to indicate that GENSET is required. When GEN is sent, only the first 3 characters of this element are processed. 4. HUM: This is an indicator/flag to indicate that the Humidity in the Equipment must be controlled. When HUM is sent, only the first 3 characters of this element are processed. 5. ICP–: Number of USD probes for ICT service. This code is followed by a numeric value that implies the number of USD probes. 6. ICT: This is an indicator/flag to indicate that In transit Cold Sterilization is required. When ICT is sent, only the first 3 characters of this element are	**O**	**1**	**AN 1/512**

processed.

7. NTP–: Number of temperature probes requested. This code is followed by a numeric value that implies the number of temperature probes.

8. TVA–: Temperature Variance Details. This code is followed by text that describes the temperature variance details.

9. TCI–: Temperature Control Instructions. Reefer Comments.
Example:
W09*CN*-15*FA***TCI–REEFER COMMENTS**40*2~
W09*CN*****ECA~
W09*CN*****FRZ~
W09*CN*****GEN~
W09*CN*****HUM~
W09*CN*****ICP-12345~
W09*CN*****ICT~
W09*CN*****NTP–12345~
W09*CN*****TVA–100 ~

B. Special Service Request
1. CLN: This is an indicator/flag to indicate that the Equipment Must be Cleaned. When CLN is sent, only the first 3 characters of this element are processed.

2. FGE: This is an indicator/flag to indicate that Food Grade Equipment is requested. When FGE is sent, only the first 3 characters of this element is processed.

3. FMG: This is an indicator/flag to indicate that equipment fumigation is required. When FMG is sent, only the first 3 characters of this element are processed.

4. GOH: This is an indicator/flag to indicate that Garments are on Hanger. When GOH is sent, only the first 3 characters of this element are processed.

5. HTE: This is an indicator/flag to indicate that Heavy Weight Tested Equipment was requested. When HTE is sent, only the first 3 characters of this element are processed.

6. SWP: This is an indicator/flag to indicate that the Equipment must be Swept. When SWP is sent, only the first 3 characters of this element are processed.
Example:
W09*CN*****CLN~
W09*CN*****FGE~
W09*CN*****FMG~
W09*CN*****GOH~
W09*CN*****HTE~
W09*CN*****SWP~

C. Handling Instructions

1. SAD and SBD are mutually exclusive
1a. SAD: This is an indicator/flag to indicate that the Equipment must be Stowed Above Deck. When SAD is sent, only the first 3 characters of this element are processed.

1b. SBD: This is an indicator/flag to indicate that the Equipment must be Stowed Below Deck. When SBD is sent, only the first 3 characters of this

element are processed.

Example:
Either W09*CN*****SAD~ or W09*CN*****SBD~

D. General Equipment Information

1. AGK–: Equipment comments. General Equipment Comments. Informational Only.

2. CCN–: Canadian Cargo Control Number. This code is followed by the CCN Reference Number. Only 45 characters are allowed.

3. UCN–: Customs Export Declaration Unique Consignment Reference (DUCN). Typically provided by the Exporter or its Agent for shipments departing Great Britain. Only 45 characters are allowed.

4. FFF, FLL are mutually exclusive

4a. FFF: FCL/FCL. Indicator defines the movement of cargo packed by the shipper or shipper's agent and unpacked by the consignee or consignee's agent.

4b. FLL: FCL/LCL. Indicator defines the movement of cargo packed by the shipper or shipper's agent and unpacked by the consignee or consignee's agent.

5. ACN–: Actual Container Number. This code is followed by the actual container number. Maximum of 17 characters.

6. LCN–: Logical Container Number. This code is followed by the logical Container Number. Maximum of 17 characters.
Example:
W09*CN*****AGK–EQUIPMENT COMMENTS~
W09*CN*****CCN–12345~
W09*CN*****UCN–12345~
W09*CN*****ACN–CNTU1234567~
W09*CN*****LCN–001~
Either W09*CN*****FFF~ or W09*CN*****FLL~

E. Equipment Measurement
Numeric values must conform to below rules:
- Decimal must be represented using the dot ('.').
- Group separators must not be sent.

1. Weight, Radioactivity, and Acid concentration: Maximum 3 digits of precision
allowed.
examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

2. Volume: Maximum 4 digits of precision allowed:
examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

1. Net Weight:
1a. WKG–: Net Weight in Kilograms (KGS).

1b. WLB–: Net Weight in Pounds (LBS).

2. Net Volume:
2a. VFT–: Net Volume in Cubic Feet.

2b. VMT–: Net Volume in Cubic Meter.

		3. CGL–: Percent of Carbon Dioxide Gas Level. 4. NGL–: Percent of Nitrogen Gas Level. 5. OGL–: percent of Oxygen Gas Level. Example: W09*CN*****WKG–12345.123~ W09*CN*****WLB–12345.123~ W09*CN*****VFT–12345.123~ W09*CN*****VMT–12345.123~ W09*CN*****CGL–12345.123~ W09*CN*****NGL–12345.123~ W09*CN*****OGL–12345.123~			
W0907	**1122**	**Vent Setting Code** Code describing the setting on the air vents on ocean-type containers Code describing the setting on the air vents on ocean-type containers G – Vent Open E – Vent Closed This must only be sent if container type is refrigerated. Vent Open and Equipment Controlled Atmosphere are mutually exclusive. E Closed G Open	**O**	**1**	**ID 1/1**
W0908	**488**	**Percent, Integer Format** Percent given in integer format (e.g., 0 through 100 represents 0% through 100%) Percent expressed as 0 to 100 Humidity Percentage	**O**	**1**	**N0 1/3**
W0909	**380**	**Quantity** Numeric value of quantity Air Exchange Per Hour in Cubic Meters	**O**	**1**	**R 1/18**

Segment: **N9** **Extended Reference Information**
Position: 0540
Loop:
Level: Heading
Usage: Optional
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: N9*BN*CBN020329123409

Carrier Booking Number is mandatory when B104 = 'A' (confirmation) or B104 = 'B' (conditionally accepted) or B104 = 'P' (pending).

Carrier Booking Number is also mandatory for Standalone Booking Confirmations. BN (Carrier Booking Number) will always be unique among all active and replaced bookings for the carrier.

BS (Carrier Source Booking Number) is mandatory for a new booking split when the predecessor of the split booking is in Confirmed state.

Only one of TS (Tariff Number), AAL (Agents Reference),BN (Booking Number), Q1 (Contract Number)/L6 (contract Line Item Number), RF (Export License), or ZZ MSC Reference) will be sent

Multiple occurrences of all other references may be provided as follows: Any combination of ZH (Local Booking Number), BM (Bill of Lading) and RE (Release Number) up to 30 occurrences. Any combination of CT (Contract Party reference), VT (Vehicle ID number), L8 (Consignee's reference), FN (Freight Forwarder's reference), PO (Purchase Order number) and SI (Shipper's reference number) up to 60 occurrences.

TS (Tariff Number) and Q1 (Contract Reference) are mutually exclusive.

L6 (Contract Line Item Number) will only be transmitted if Q1 (Contract Number) is provided.

Customer provided references may be supplemented by MSC on the outbound message to the customer, under customer preference control.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M 1 ID 2/3**

Accepted codes:

AAL	Agent Number
	Outbound Booking Agent Reference
BM	Bill of Lading Number
BN	Booking Number
	Carrier's Booking Number (will always be supplied).
CT	Contract Number
	Contract Party reference number.

			FN	Forwarder's/Agent's Reference Number			
			L6	Subcontract Line Item Number A further subdivision of a contract line item number Identifying a particular line in a document. Contract Line Item Number will only be provided when Q1 (Contract Number) is provided.			
			L8	Consignee's Release Number A number which uniquely identifies a release against the consignee's purchase order Consignee Reference Number.			
			PO	Purchase Order Number			
			Q1	Quote Number			
			RE	Release Number Container release number			
			SI	Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment			
			TN	Transaction Reference Number Used to indicate the unique ITN (Internal Transaction Number) as provided by the US AES (Automated Export System)			
			TS	Tariff Number			
			VT	Motor Vehicle ID Number			
			ZH	Carrier Assigned Reference Number Local Booking Number Reference number assigned by carrier to a consignment.			
			ZZ	Mutually Defined			
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Maximum of 35 characters will be used. Maximum of 30 characters will is allowed for Carrier Booking Number.		**O**	**1**	**AN 1/80**
X	**N903**	**369**	**Free-form Description**		**X**	**1**	**AN 1/45**
X	**N904**	**373**	**Date**		**O**	**1**	**DT 8/8**
X	**N905**	**337**	**Time**		**X**	**1**	**TM 4/8**
X	**N906**	**623**	**Time Code** Refer to 005030 Data Element Dictionary for acceptable code values.		**O**	**1**	**ID 2/2**
X	**N907**	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		**O**	**1**	
X	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 005030 Data Element Dictionary for acceptable code values.		**M**		**ID 2/3**
X	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		**M**		**AN 1/80**
X	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 005030 Data Element Dictionary for acceptable code values.		**X**		**ID 2/3**
X	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		**X**		**AN 1/80**
X	**C04005**	**128**	**Reference Identification Qualifier**		**X**		**ID 2/3**

			Code qualifying the Reference Identification Refer to 005030 Data Element Dictionary for acceptable code values.		
X	**C04006**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/80**

Segment: **N1** **Party Identification**
Position: 0600
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: N1*SH*SHIPPER NAME*93*SHIPPERIDCODE

RULES: Either the Shipper (SH) or the Forwarder (FW) will always be supplied by MSC

The information in this segment applies to all containers in the group.

Either Party Code or Party Name will always be provided.

Carrier will always be provided

Name and address and Street and number may also be used to convey contact name and phone number.

Only one of each type of party may be sent per equipment loop, with the exception of (LL) Intermediate Export Stop Offs which may be sent multiple times.

MSC send Intermediate export stop offs (LL) only when
Carrier Haulage at Export is being provided (Y3 = PP or PD).

MSC send Empty Container Pick Up Location (CL)
and/or Full Container Drop Off Location (TR) only when Merchant Haulage at Export is being provided (Y3 = DD or DP).

MSC send Subcontractor (28) only when Super Freezer
Service or In-Transit Cold Sterilization Service is being provided by someone other than the carrier.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual	**M 1 ID 2/3**
			28 Subcontractor Firm carrying out a part of the works for a contractor.	
			BO Broker or Sales Office Used to provide address and contact details for Carrier Booking Office handling this booking.	
			C9 Contract Holder	
			CA Carrier	
			CL Container Location Location of Empty Container	
			CN Consignee	

			CP	Party to Receive Cert. of Compliance			
				Party responsible for the payment of freight.			
			FW	Forwarder			
			LL	Location of Load Exchange (Export)			
				Name of the location at which load (trailer) is exchanged with another motor carrier for export			
				Intermediate Export Stop Off Location.			
			N1	Notify Party no. 1			
			N2	Notify Party no. 2			
			NP	Notify Party for Shipper's Order			
			SF	Ship From			
				If Haulage is Door-to-Door or Door-to-Pier, the Ship from address is always sent.			
			SH	Shipper			
			ST	Ship To			
				If Haulage is Door-to-Door or Pier-to-Door, the Ship to address is always sent.			
			TR	Terminal			
				Full Container Drop-Off Location			
			ZZ	Mutually Defined			
				Booking Party			
	N102	**93**	**Name**		**X**	**1**	**AN 1/60**
			Free-form name Free-form name Only the first 35 characters of the party name will be processed.				
	N103	**66**	**Identification Code Qualifier**		**X**	**1**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)				
			93	Code assigned by the organization originating the transaction set			
			94	Code assigned by the organization that is the ultimate destination of the transaction set			
	N104	**67**	**Identification Code**		**X**	**1**	**AN 1/80**
			Code identifying a party or other code				
X	**N105**	**706**	**Entity Relationship Code**		**O**	**1**	**ID 2/2**
			Refer to 005030 Data Element Dictionary for acceptable code values.				
X	**N106**	**98**	**Entity Identifier Code**		**O**	**1**	**ID 2/3**
			Refer to 005030 Data Element Dictionary for acceptable code values.				

Segment: **N3** **Party Location**
Position: 0800
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*ADDRESS 1*ADDRESS 2

A maximum of 2 N3 loops will be sent but only 210 characters will be sent

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**N301**	**166**	**Address Information** Address information	**M**	**1**	**AN 1/55**
	N302	**166**	**Address Information** Address information	**O**	**1**	**AN 1/55**

Segment: **N4** **Geographic Location**
Position: 0900
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** Only one of N402 or N407 may be present.
2 If N406 is present, then N405 is required.
3 If N407 is present, then N404 is required.
Semantic Notes:
Comments: **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
Notes: N4*Newark*NJ*07322*US

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	N401	**19**	**City Name** Free-form text for city name	**O**	**1**	**AN 2/30**
	N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**1**	**ID 2/2**
	N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**O**	**1**	**ID 1/15**
	N404	**26**	**Country Code** Code identifying the country ISO Country Code	**O**	**1**	**ID 2/3**
X	**N405**	**309**	**Location Qualifier** Refer to 005030 Data Element Dictionary for acceptable code values.	**X**	**1**	**ID 1/2**
X	**N406**	**310**	**Location Identifier**	**O**	**1**	**AN 1/30**
X	**N407**	**1715**	**Country Subdivision Code**	**X**	**1**	**ID 1/3**

Segment: **G61** **Contact**
Position: 1000
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 9
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.
Notes: G61*CN*Donald Tucker*TE*1-800-111-4444
Note: For Ship-to and Ship-from, the Contact name and number will always be supplied

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**G6101**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named CN General Contact	**M**	**1**	**ID 2/2**
M	**G6102**	**93**	**Name** Free-form name Free-form name Only 35 characters will be processed	**M**	**1**	**AN 1/60**
	G6103	**365**	**Communication Number Qualifier** Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	**X**	**1**	**ID 2/2**
	G6104	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**1**	**AN 1/256**
X	**G6105**	**443**	**Contact Inquiry Reference**	**O**	**1**	**AN 1/20**

Segment: **DTM** **Date/Time Reference**
Position: 1050
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
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*369*20011008*1900

Rules:
Date will be within 400 days of the current date.

A. The following are dates associated with the equipment:
(017) Date and/or time when the shipper of the goods expects delivery will take place.
(064) Earliest drop off date/time of full container to the carrier.
(497) Latest date/time full container may be delivered to the carrier.
(996) Date/time empty container will be positioned at Customer's location.
(118) Date/time container will be picked-up at the intermediate export stop off location or Ship From location.
(252) Earliest date/time empty container may be picked up.
(144) Date/time container will be positioned at the intermediate export stop off location.

The below examples describes how the dates will be used.
The below date qualifiers will only be sent for N1 segment Ship From (N101 = SF).
DTM*996*20090619*1200~
DTM*118*20090702*0900~
The below date qualifier will only be sent for N1 segment Ship To (N101 = ST).
DTM*017*20090702*0900~

The below date qualifiers will only be sent for N1 segment Intermediate Export Stop Off Location (N101 = LL).
DTM*144*20090619*1200~
DTM*118*20090619*1200~

The below date qualifier will only be sent for N1 segment Empty Container Pick-up Location (N101 = CL).
DTM*252*20090619*1200~

The above date qualifiers will only be sent for N1 segment Full Container Drop Off Location (N101 = TR).
DTM*064*20090619*1200~
DTM*497*20090619*1200~

This segment will not be processed if received in Cancellation/Decline (B104 = 'D') or Replacement (B104 = 'R') transactions from the carrier.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 017 Estimated Delivery	**M 1 ID 3/3**

				Date and/or time when the shipper of the goods expects delivery will take place. Applicable only for N1 ST (Ship to)			
			064	Do Not Deliver Before			
				Date identifying a point in time before which the goods shall not be delivered. Earliest drop off date/time of full container to the carrier.			
			118	Requested Pickup			
				Date/time container will be picked-up at the intermediate export stop off location or ship from location.			
			144	Estimated Acceptance			
				Date/time container will be positioned at the intermediate export stop off location. Date/time on which equipment is estimated to be positioned (delivered).			
			252	Early Start			
				The earliest date a task or activity can begin			
				Date/time on which equipment can be picked up at the earliest. Earliest date/time empty container may be picked up.			
			497	Latest Delivery Date at Pier			
				Final date for delivering cargo to a liner ship. Latest date/time full container may be delivered to the carrier.			
			996	Required Delivery			
				A date on which or before, ordered goods or services must be delivered			
				Date/time empty container will be positioned at customer's location			
	DTM02	**373**	**Date**		**X**	**1**	**DT 8/8**
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
	DTM03	**337**	**Time**		**X**	**1**	**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) Local time of R4 Function				
X	**DTM04**	**623**	**Time Code**		**O**	**1**	**ID 2/2**
			Refer to 005030 Data Element Dictionary for acceptable code values.				
X	**DTM05**	**1250**	**Date Time Period Format Qualifier**		**X**	**1**	**ID 2/3**
			Refer to 005030 Data Element Dictionary for acceptable code values.				
X	**DTM06**	**1251**	**Date Time Period**		**X**	**1**	**AN 1/35**

Segment: **R4** **Port or Terminal**
Position: 1100
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.
Notes: R4*L*UN*USNYC*NEW YORK*US***NY~

Only one of each type of location function qualifier will be sent per transaction.

For each location, either Location Code or Location Name will always be provided.

For multiple MAIN Carriage transport legs, the Port of Load and Port of Discharge in this segment is from the first MAIN Carriage leg.

MSC provide all 4 of the following AMS locations and
related dates when the customer has indicated AMS self filing status:
1. Foreign Port/Place of Acceptance
2. Final Port for AMS Documentation
3. First US Port Visited
4. Last Non-US Port Visited

This segment will not be processed if received in Cancellation/Decline (B104 = 'D') or Replacement (B104 = 'R') transactions from the carrier.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**R401**	**115**	**Port or Terminal Function Code** Code defining function performed at the port or terminal with respect to a shipment	**M 1 ID 1/1**
			4 Customs Office of Manifest Destination Final Port for AMS Documentation	
			A Place of Acceptance (Operational) Place at which carrier actually accepts cargo from shipper or his agent First Foreign Port/Place of Acceptance	
			D Port of Discharge (Operational) Port at which cargo is unloaded from vessel Port of Discharge	
			G Port of Entry (Operational) Place at which cargo actually enters a country where the cargo is not part of its commerce First US Port Visited	
			H Port of Exit (Operational) Place at which cargo actually leaves a country where the cargo is not part of its commerce Last Non-US Port Visited	
			L Port of Loading (Operational) Port at which cargo is loaded on vessel Port of Load	

	R402	**309**	**Location Qualifier** Code identifying type of location Location Code UN United Nations Location Code (UNLOCODE)	**X**	**1**	**ID 1/2**
	R403	**310**	**Location Identifier** Code which identifies a specific location Location Code	**X**	**1**	**AN 1/30**
	R404	**114**	**Port Name** Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property Location Name	**O**	**1**	**AN 1/24**
	R405	**26**	**Country Code** Code identifying the country Two character ISO Country Code	**O**	**1**	**ID 2/3**
X	**R406**	**174**	**Terminal Name**	**O**	**1**	**AN 2/30**
X	**R407**	**113**	**Pier Number**	**O**	**1**	**AN 1/4**
	R408	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**1**	**ID 2/70**

Segment: **DTM** **Date/Time Reference**
Position: 1200
Loop: R4 Mandatory
Level: Heading
Usage: Optional
Max Use: 3
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*369*20011008*1900

Date will be within 400 days of the current date.

A. The following are AMS Dates: Estimated Arrival Date at First US Port (DTM01 = 'AA1') will only be sent if the preceding location (R4) is R401= 'G' (First US Port Visited).

AMS Filing Due date (DTM01 = 'AAG') will only be sent if the preceding location (R4) is R401 = '4' (Final Port for AMS Documentation).

If time is sent it is assumed to be local time at the location identified in the preceding LOC segment.

B. The following are Transport Location Dates and will be sent only for Port Of Load or Port of Discharge locations: (311) Final date for delivering cargo to a liner ship at Port of Load (369) Estimated Departure Date at Port of Load (371) Estimated Arrival Date at Port of Discharge

The below examples describes how the dates will be used. DTM*311*20090619*1200~ DTM*369*20090619*1200~ DTM*371*20090701*1200~

For multiple MAIN Carriage transport legs, the ETA and ETD in this segment is from the first MAIN carriage in the transport plan.

This segment will not be processed if received in Cancellation/Decline (B104 = 'D') or Replacement (B104 = 'R') transactions from the carrier.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**DTM01**	**374**	**Date/Time Qualifier**		**M 1 ID 3/3**
			Code specifying type of date or time, or both date and time		
			310	Date of Closing The date a property is sold	
				Container(s) VGM cut-off date	
			311	Latest Receiving Date/Cutoff Date	
				Latest date of receiving the container. Vessel cut-off date. Format: CCYYMMDD	
			369	Estimated Departure Date	
			371	Estimated Arrival Date	
			649	Document Due	
				Date by which SI for the booking should be received by the carrier	

				Format CCYYMMDD. All dates must be within 400 days of the current date.			
			AAG	Due Date			
				Date AMS Filing is Due			
			AAI	First Involvement			
				Estimated Arrival Date at First US Port			
	DTM02	**373**	**Date**		**X**	**1**	**DT 8/8**
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
	DTM03	**337**	**Time**		**X**	**1**	**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) Time expressed in 24-hour clock time as follows: HHMM Time must be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour. Examples : 12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345				
X	**DTM04**	**623**	**Time Code**		**O**	**1**	**ID 2/2**
			Refer to 005030 Data Element Dictionary for acceptable code values.				
X	**DTM05**	**1250**	**Date Time Period Format Qualifier**		**X**	**1**	**ID 2/3**
			Refer to 005030 Data Element Dictionary for acceptable code values.				
X	**DTM06**	**1251**	**Date Time Period**		**X**	**1**	**AN 1/35**

Segment: **H3** **Special Handling Instructions**
Position: 1400
Loop:
Level: Heading
Usage: Optional
Max Use: 4
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: H3*01~

This segment indicates the nature of shipment. Shipment can be a combination of the following:

01 – Out of Gauge Shipment
02 – Hazardous/Dangerous Goods Shipment
03 – Temperature Controlled Shipment
04 – Environmental Pollutant Shipment

Only 1 of each code can be sent

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	H301	**152**	**Special Handling Code** Code specifying special transportation handling instructions 01 - Out of Gauge Shipment 02 - Hazardous Shipment 03 - Temperature Controlled Shipment 04 - Environmental Pollutant Shipment	**O**	**1**	**ID 2/3**
X	**H302**	**153**	**Special Handling Description**	**X**	**1**	**AN 2/30**
X	**H303**	**241**	**Protective Service Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 1/4**
X	**H304**	**242**	**Vent Instruction Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 1/7**
X	**H305**	**257**	**Tariff Application Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 1/1**

Segment: **LX** **Transaction Set Line Number**
Position: 0100
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: LX*1
Sequential Line Item Number starting from 1.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**LX01**	**554**	**Assigned Number** Number assigned for differentiation within a transaction set	**M**	**1**	**N0 1/6**

Segment: **L0** **Line Item - Quantity and Weight**
Position: 0400
Loop: LX Mandatory
Level: Detail
Usage: Mandatory
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.

Notes:
Commodity with package count, package type code and package type description:
L0*1***45000*G*12345.50*E*100*CRT*CRATE*L

Commodity without package count and package type code or package description:
L0*1***45000*G******L

Commodity with zero package count and a package type code:
L0*1***45000*G*12345.50*E*0*CRT**L

L0 is Mandatory.

Outer Packaging information is mandatory.

Either Package Type of Package Type Description must be provided.
Number of Packages must be a whole number greater.

If package type code (L009) or package type description (L010) is provided then number of package (L008) must also be provided.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**L001**	**213**	**Lading Line Item Number** Sequential line number for a lading item Sequential line number for a lading item	**M**	**1**	**N0 1/5**
X	**L002**	**220**	**Billed/Rated-as Quantity**	**X**	**1**	**R 1/11**
X	**L003**	**221**	**Billed/Rated-as Qualifier** Refer to 005030 Data Element Dictionary for acceptable code values.	**X**	**1**	**ID 2/2**
	L004	**81**	**Weight** Numeric value of weight Volume: Maximum 4 digits of precision allowed Examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234	**X**	**1**	**R 1/18**
	L005	**187**	**Weight Qualifier** Code defining the type of weight G Gross Weight	**X**	**1**	**ID 1/2**
	L006	**183**	**Volume**	**X**	**1**	**R 1/18**

		Value of volumetric measure Volume: Maximum 4 digits of precision allowed Examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"			
L007	**184**	**Volume Unit Qualifier** Code identifying the volume unit E Cubic Feet X Cubic Meters	**X**	**1**	**ID 1/1**
L008	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity Note: Must be a valid whole number greater (no commas or decimals). If Package Type Code (L009) or Package Type Description (L010) is provided then the Lading Quantity (L008) must be provided.	**X**	**1**	**N0 1/8**
L009	**211**	**Packaging Form Code** Code for packaging form of the lading quantity Code for packaging form of the lading quantity If Lading Quantity (L008) is provided then either the Package Type Code (L009) or Package Type Description (L010) must be provided. Describes the Outer Package Type. This element will contain the 3 character packaging type code. BAG Bag BKG Bag, Super Bulk BBL Barrel BDL Bundle BOB Bobbin BOX Box BSK Basket or hamper BXT Bucket CAG Cage CAS Case CHS Chest COL Coil CON Cone CRT Crate CSK Cask CTN Carton CYL Cylinder DRM Drum ENV Envelope FIR Firkin FRM Frame FSK Flask HGH Hogshead HPR Hamper JAR Jar JUG Jug KEG Keg LBK Liquid Bulk LOG Log LVN Lift Van PAL Pail PKG Package PLT Pallet RCK Rack REL Reel ROL Roll SAK Sack	**X**	**1**	**ID 3/3**

SCS Suitcase
SHT Sheet
A thin layer of material usually used as a pad for extra protection by isolating/separating tiers or layers of parts within the package
SKD Skid
SLP Slip Sheet
Shipping containers utilizing slip sheets, which are cardboard platforms used to hold product for storage or transportation
SLV Sleeve
SPL Spool
SRW Shrink Wrapped
TBE Tube
TRC Tierce
TRK Trunk
TRY Tray
TUB Tub
UNP Unpacked
VIL Vial
VPK Vanpack
Refer to 005030 Data Element Dictionary for acceptable code values.

	L010	**458**	**Dunnage Description** Material used to protect lading	**X**	**1**	**AN 1/25**
			If Lading Quantity (L008) is provided then either the Package Type Code (L009) or Package Type Description (L010) must be provided. For hazardous commodity, Package Type Code (L009) or Package Type Description (L010) and Lading Quantity (L008) must always be provided			
	L011	**188**	**Weight Unit Code** Code specifying the weight unit K Kilograms L Pounds	**X**	**1**	**ID 1/1**
X	**L012**	**56**	**Type of Service Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 2/2**
X	**L013**	**380**	**Quantity**	**X**	**1**	**R 1/15**
X	**L014**	**211**	**Packaging Form Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 3/3**
X	**L015**	**1073**	**Yes/No Condition or Response Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**X**	**1**	**ID 1/1**

Segment: **L5** **Description, Marks and Numbers**
Position: 0500
Loop: LX Mandatory
Level: Detail
Usage: Optional
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.
Notes:
Example of L5 segment without Harmonized information
L5*1*Lading Description**
Example of L5 segment with Harmonized information
L5*1*Lading Description*010290*A
Lading Description is Mandatory.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	L501	**213**	**Lading Line Item Number** Sequential line number for a lading item Defaulted to 1.	**O**	**1**	**N0 1/3**
	L502	**79**	**Lading Description** Description of an item as required for rating and billing purposes	**O**	**1**	**AN 1/512**
	L503	**22**	**Commodity Code** Code describing a commodity or group of commodities Code describing a commodity or group of commodities Harmonize Code – customers use 6 character classification codes from the World Customs Organization (WCO) Harmonize System (HS)	**X**	**1**	**AN 1/30**
	L504	**23**	**Commodity Code Qualifier** Code identifying the commodity coding system used for Commodity Code Mandatory if L503 is provided. A – Harmonized Tariff Schedule of the United States Annotated Classification of imported merchandise for rate of duty and statistical purposes B – U.S. Foreign Trade Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States	**X**	**1**	**ID 1/1**
X	**L505**	**103**	**Packaging Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**AN 3/5**
X	**L506**	**87**	**Marks and Numbers**	**X**	**1**	**AN 1/48**
X	**L507**	**88**	**Marks and Numbers Qualifier** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 1/2**
X	**L508**	**23**	**Commodity Code Qualifier** Refer to 005030 Data Element Dictionary for acceptable code values.	**X**	**1**	**ID 1/1**
X	**L509**	**22**	**Commodity Code**	**X**	**1**	**AN 1/30**
X	**L510**	**595**	**Compartment ID Code** Refer to 005030 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 1/1**

Segment: **L4** **Measurement**
Position: 0550
Loop: LX Mandatory
Level: Detail
Usage: Optional
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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	L401	**82**	**Length** Largest horizontal dimension of an object measured when the object is in the upright position Used to indicate the Out of Gauge (OOG) dimensions of the Outer Packaging. Length, Width and Height: maximum of 3 digit precession allowed. If L4 is provided at least, one of the OOG dimension for Length, Width or Height must be provided L4*123.123***F – only Length is provided L4*1.123*2.456*3.369*M – Length, Width, Height OOG dimensions provided	**O**	**1**	**R 1/8**
	L402	**189**	**Width** Shorter measurement of the two horizontal dimensions measured with the object in the upright position	**O**	**1**	**R 1/8**
	L403	**65**	**Height** Vertical dimension of an object measured when the object is in the upright position	**O**	**1**	**R 1/8**
	L404	**90**	**Measurement Unit Qualifier** Code specifying the linear dimensional unit Mandatory if any of the Length, Width or Height is provided. F Feet M Meters	**X**	**1**	**ID 1/1**
X	**L405**	**380**	**Quantity**	**O**	**1**	**R 1/15**
X	**L406**	**1271**	**Industry Code**	**O**	**1**	**AN 1/30**

Segment: **H1** **Hazardous Material**
Position: 0600
Loop: H1 Optional
Level: Detail
Usage: Optional
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.
Notes: H1*1789*8*I*Proper Hazardous Material Desc*Hazardous Material Contact*130-2*45*CE*2

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**H101**	**62**	**Hazardous Material Code** Code relating to hazardous material code qualifier for regulated hazardous materials UN Number. Maximum of 4 characters will be processed.	**M**	**1**	**AN 4/10**
M	**H102**	**209**	**Hazardous Material Class Code** Code specifying the kind of hazard for a material First IMO Code	**M**	**1**	**AN 1/7**
	H103	**208**	**Hazardous Material Code Qualifier** Code which qualifies the Hazardous Material Class Code (209) I Intergovernmental Maritime Organization (IMO) Code	**O**	**1**	**ID 1/1**
X	**H104**	**64**	**Hazardous Material Description**	**O**	**1**	**AN 2/30**
	H105	**63**	**Hazardous Material Contact** Phone number and name of person or department to contact in case of emergency Emergency Contact Name. Emergency Contact	**O**	**1**	**AN 1/24**
	H106	**200**	**Hazardous Materials Page** The United Nations page number as required for the international transport of hazardous materials IMDG page number.	**O**	**1**	**AN 1/6**
	H107	**77**	**Flashpoint Temperature** The flashpoint temperature for hazardous material The flashpoint temperature for hazardous material Flash Point Temperature must conform to below rules: - Decimal must be represented using the dot ('.'). - Temperature values must not include group separators. - Temperature must contain 3 valid Numeric Digits, and may also contain a decimal and minus sign ('-'). - Maximum Precision of Temperature is 1. - Negative Temperature must include a Minus sign ('-') and it must be in the first position of the element. - Positive Temperature must be Unsigned. Valid examples: 005, -005, -05.5, 55.2, 45.0 Invalid examples:	**O**	**1**	**N 1/3**

1, -5, -05, 5.5, 23-, 35, .3, 5.04, +045

H108	**355**	**Unit or Basis for Measurement Code**	**X**	**1**	**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

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

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

Accepted Values:
1 Great Danger
2 Medium Danger
3 Minor Danger

Segment: **H2** **Additional Hazardous Material Description**
Position: 0700
Loop: H1 Optional
Level: Detail
Usage: Optional
Max Use: 18
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: H2 will be utilized as follows:
The H2 segment will be used to provide hazardous material information. The element H101 will indicate the type of information.
Only one of each type can be sent per Hazardous Loop (per H2 Loop).
PSN–: Proper Hazardous Material Description
ECN–: Emergency Contact Number
EMS–: EMS Number Emergency
TRE–: TREM Card Number
IM2 –:2nd IMO Code
IM3–: 3rd IMO Code
GEN–: General Hazmat Comments
TEN–: Dangerous Goods Technical Name
HAZ–: Hazard Information (Hazmat Placard)
AEP–: Radioactive goods additional information
PKG–: Packaging Information
REG–: Regulatory information
EUR: Empty, Un-cleaned Receptacle Indicator
IHL: Inhalant Hazard Indicator
TLQ: Transport of Dangerous Goods in Limited Quantities Indicator
Aggregate States Indicator:
GAS: Gas
LQD: Liquid
SLD: Solid
Marine Pollutant Indicator:
NMP: Non-Marine Pollutant
MPO: Marine Pollutant
SMP: Severe Marine Pollutant

Description Codes:
1. PSN – Proper Hazardous Material Description. Maximum of 512 characters is allowed. This is Mandatory.
2. ECN – Emergency Contact Number. This is MANDATORY if Emergency Contact Name is provided. This is the contact number of the name defined in H105. Only the first 512 char will be processed.
3. EMS – EMS Number Emergency procedures for ships carrying hazardous materials
4. TRE – TREM Card Number: The identification of a transport emergency card giving advice for emergency actions
5. IM2 – 2nd IMO Code. Used if more than one IMO class applies to the dangerous commodity.
6. IM3 – 3rd IMO Code. Used if more than two IMO class applies to the dangerous commodity.
7. GEN – General Hazmat Comments
8. EUR – This is a flag/indicator for Empty, Un-cleaned Receptacle
9. IHL – to indicate that the Hazardous shipment is an inhalant hazard
10. TLQ – Transport of Dangerous Goods in Limited Quantities indicator

**Aggregate State: GAS, LQD, SLD are mutually exclusive.

11. GAS – To indicate the Hazardous Material state is Gas
12. SLD – to indicate the Hazardous Material state is solid
13. LQD – to indicate that the Hazardous Material state is liquid

** NMP, MPO, SMP are mutually exclusive
14. NMP – Non-Marine Pollutant
15. MPO – Marine Pollutant
16. SMP – Severe Marine Pollutant
17. TEN – Dangerous Goods Technical Name. Maximum of 512 characters is allowed.
18. AEP – Radioactive goods additional information
19. HAZ – Hazard Information. Used to indicate the Hazmat Placard
20. PKG – Packaging Information. Should only contain IBC (intermediate bulk container code)
21. REG – Regulatory information

Examples:
H2*PSN–ProperShippingName*ProperShipping~ (Proper Shipping Name)
H2*ECN–6326550183~ (Emergency Contact Phone Number)
H2*EMS–1234~ (EMS Number)
H2*TRE–12345~ (Trem Card Number)
H2*IM2–3.2~ (IMO 2)
H2*IM3–1.8~ (IMO 3)
H2*GEN–General Hazmat Comments*Gen Hazmat Comment~
H2*EUR~ (Empty Unclean Receptacle Indicator)
H2*LQD~ (Aggregation State—either GAS, LIQUID or SOLID)
H2*IHL~ (Inhalant Hazard Indicator)
H2*TLQ~ (Transport In Limited Quantities Indicator)
H2*NMP~ (Marine Pollutant Indicator—either Non, Severe or Marine Pollutant)
H2*TEN–Hazardous Material Technical Name~ (Hazardous Material Technical Name)
H2*AEP–Radioactive Goods Addnl Info~ (Radio Active Goods addition information)
H2*HAZ–Placard~ (Hazardous Placard)
H2*PKG–12345~ (Intermediate Bulk Container Code)
H2*REG–Regulatory Information~ (Regulatory Information)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**H201**	**64**	**Hazardous Material Description** Material name, special instructions, and phone number if any	**M**	**1**	**AN 1/512**
	H202	**274**	**Hazardous Material Classification** Free-form description of hazardous material classification or division or label requirements	**O**	**1**	**AN 1/512**

Segment: **V1** **Vessel Identification**
Position: 0800
Loop:
Level: Detail
Usage: Optional
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:
Notes: V1**Vessel Name*PH*OJW4059*SCAC

Only the Main Carriage Vessel Information will be provided in this segment. For multiple MAIN Carriage legs, this segment will contain the first MAIN Carriage from the transport plan

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	**V101**	**597**	**Vessel Code**	**X**	**1**	**ID 1/8**
	V102	**182**	**Vessel Name**	**X**	**1**	**AN 1/28**
			Name of ship as documented in "Lloyd's Register of Ships"			
			Name of ship as documented in "Lloyd's Register of Ships"			
	V103	**26**	**Country Code**	**O**	**1**	**ID 2/3**
			Code identifying the country			
			2 Character Country Code identifying the country Country where the means of transport is registered			
	V104	**55**	**Flight/Voyage Number**	**O**	**1**	**AN 1/10**
			Identifying designator for the particular flight or voyage on which the cargo travels			
			Identifying designator for the particular flight or voyage on which the cargo travels			
	V105	**140**	**Standard Carrier Alpha Code**	**O**	**1**	**ID 1/4**
			Standard Carrier Alpha Code			
X	**V106**	**249**	**Vessel Requirement Code**	**O**	**1**	**ID 1/1**
			Refer to 005030 Data Element Dictionary for acceptable code values.			
X	**V107**	**854**	**Vessel Type Code**	**O**	**1**	**ID 2/2**
			Refer to 005030 Data Element Dictionary for acceptable code values.			
X	**V108**	**897**	**Vessel Code Qualifier**	**O**	**1**	**ID 1/1**
			Refer to 005030 Data Element Dictionary for acceptable code values.			
X	**V109**	**91**	**Transportation Method/Type Code**	**O**	**1**	**ID 1/2**
			Refer to 005030 Data Element Dictionary for acceptable code values.			

Segment: **K1** **Remarks**
Position: 1000
Loop:
Level: Detail
Usage: Optional
Max Use: 999
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:
Notes:

A. General Booking Comments
These Remarks apply to the Entire Booking

AAC–: Summary UNDG numbers and IMO codes. This Code is followed by text summarizing the UNDG numbers and IMO codes.

AAF–: Vessel Rate of Exchange Information

AAI–: General Comments/Decline Comments. Mandatory for carrier Cancel or Decline of a booking.

ABD–: Provided only in conjunction with split bookings (B105 = 'Y') to indicate original
booking request, sequence of split booking and total number of split bookings per the original. See Booking Split Conventions in the IFTMBC Appendix for a detailed explanation of split handling

ABV–: Terms and conditions

AES–: Carrier's reasons for amending the booking. This code is followed with text containing information on the reason/changes the carrier made on the booking.

ACD–: Carrier's reason for setting the booking in Pending status. This code is followed with text containing information on why the booking was placed in Pending status.

SAV: Slot Availability Verification is needed. Carrier will send this indicator if the reason
for setting the booking to pending status (B104 = P) is Slot Availability Verification is needed.

CHG: Charge Verification needed. Carrier will send this indicator if the reason for setting the booking in pending status (B104 = P) is Charge Verification needed.

HCV: Hazardous Commodity Verification needed. Carrier will send this indicator if the reason for setting the booking in pending status (B104 = P) is Charge Verification needed.

EAV: Equipment Availability Verification needed. Carrier will send this indicator if the reason for setting the booking in pending status (B104 = P) is Equipment Availability Verification needed.

SPL: Carrier's reason for Splitting the Booking. Carrier will send this code together with text containing the reason for splitting the booking.

DOC: Documentation Split. Carrier will send this indicator if the reason for splitting is Documentation Split.

PCR: Container Release. Carrier will send this indicator if the reason for splitting is Container Release.

RLD: Container Rolled. Carrier will send this indicator if the reason for splitting is Container Rolled.

AMS: Use to indicate that Customer is to Handle AMS Filing.

NVO–: NVOCC SCAC. NVOCC SCAC for US Customs AMS Filing. The code will be followed the NVOCC SCAC.

CCN–: Canadian Cargo Control Number. This code is followed by the Cargo Control Number. Typically provided by the Carrier for use by Registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada.

UCN–: Customs Export Declaration Unique Consignment Reference (DUCR). Typically provided by the Exporter or its Agent for shipments departing Great Britain.

Examples:
K1*ACC–UNDG NBR IMO CODE~
K1*AAF–VESSEL RATE OF EXCHANGE IFORMATION~
K1*AAI–REASON FOR DECLINE~
K1*ABD–THIS IS SPLIT 1 OF 3 OF ORIG BKG REQUEST 4009878~
K1*ABV–TERMS AND CONDITIONS~
K1*AES–BOOOKING CONFIRMED WITH AMENDMENTS~
K1*ACD–BOKING IS IN PENDING STATUS BECAUSE...~
K1*SAV~
K1*CHG~
K1*HCV~
K1*EAV~
K1*SPL–BOOKING IS SPLIT/EXTRACTED BECAUSE...~
K1*DOC~
K1*PCR~
K1*RLD~
K1*AMS~
K1*NVO–SCAC~
K1*CCN–1234_CN~
K1*UCN–1234_UCN~

For carrier Cancellation/Decline (B104 = ‘D’) or Replacement (B104=’R’) Code = ‘AAI’ is Mandatory.

carriers send Change Reason (AES) when transaction is a Confirmed with Changes (B104 = ‘B’).
carriers only send CHG (charge verification), EVA (equipment availability verification), SAV (slot availability verification) or HCV (hazardous commodity verification) when booking transaction is coded as pending (B104=’P’).

B. Transport Details
INTTRA RECOMMENDS to customers that transport plan legs be provided in the order in
which transport is expected to occur. Legs will be stored and sent to the Carrier in the order received.
1. Transport Legs Codes. The Transport Leg Code (Pre Carriage, Main Carriage and On Carriage) is followed by the transport means code (refer to the K102 description).
Codes:
PRE :Pre Carriage
MAIN :Main Carriage
ON :On Carriage
Examples:
K1*PRE*TRK~
K1*MAIN*OV~

K1*ON*RE~

2. Transport Leg Port of Load and Port of Discharge.
The Main Carriage Locations must always be preceded by the Main Carriage Stage (K1*MAIN). If there is no preceding MAIN Carriage, the Main location will be ignored.

The Pre Carriage Locations must always be preceded by the Pre Carriage Stage (K1*PRE). If there is no preceding PRE Carriage, the Pre location will be ignored.

The On Carriage Locations must always be preceded by the On Carriage Stage (K1*ON). If there is no preceding ON Carriage, the On carriage location will be ignored.

The location must be a valid UNLOC code.
Codes:
MPOL :Main Carriage Port of Load
MPOD :Main Carriage Port of Discharge
PPOL :Pre Carriage Port of Load
PPOD :Pre Carriage Port of Discharge
OPOL :On Carriage Port of Load
OPOD :On Carriage Port of Discharge

Example:
K1*MPOL*UNLOC~
K1*MPOL*USNYC~

3. Transport Leg Estimated Time of Arrival and Departure.

The Main Carriage ETA Date (META) must always be preceded by a Main Carriage Port of Discharge (K1*MPOD). The Main Carriage ETD Date (METD) must always be preceded by a Main Carriage Port of Load (K1*MPOL). META and METD will be ignored if there no corresponding MPOD and MPOL respectively.

The On Carriage ETA Date (OETA) must always be preceded by a Main Carriage Port of Discharge (K1*OPOD). The On Carriage ETD Date (OETD) must always be preceded by an On Carriage Port of Load (K1*OPOL). OETA and OETD will be ignored if there no corresponding OPOD and OPOL respectively.

The Pre Carriage ETA Date (PETA) must always be preceded by a Pre Carriage Port of Discharge (K1*PPOD). The Pre Carriage ETD Date (PETD) must always be preceded by a Pre Carriage Port of Load (K1*PPOL). PETA and PETD will be ignored if there no corresponding PPOD and PPOL respectively.

The date must be in the format CCYYMMDD.
Time must be in the format HHMM using the 24 hour clock system. Midnight must be expressed as 0000.
Codes:
META: Main Carriage ETA
METD: Main Carriage ETD
PETA: Pre Carriage ETA
PETD: Pre Carriage ETD
OETA: On Carriage ETA
OETD: On Carriage ETD

Example:
K1* META*20090619~
K1* META*200907022300~
K1* META*200907020000~

C. Charge Type and Charge Location
1. Type of Charges and Payment Method. Refer to K102 description for the payment

method codes.
ALL: All Charges
AC: Additional Charges
BF: Basic Freight
DHC: Destination Haulage Charges
DPC: Destination Port Charges
OPC: Origin Port Charges
OHC: Origin Haulage Charges

Example:
K1*AC*ELS~
K1*BF*COL~
K1*DHC *PP~
2. Charge Type Location. The Place of Payment should be preceded by a charge type. Payment Location is mandatory if Payable Elsewhere. If there's no corresponding Charge Type, the Charge Location will be ignored.
The location must be a valid UNLOC code.

Code:
POP: Place of Payment for Charges.
Examples:
K1*POP*UNLOC~
K1*POP*USNYC~

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
K101	**61**	**Free-form Information** Free-form information The following are the transport means code that must be sent if the K1 code is PRE, MAIN or ON. CS – Container Ship (Vessel capable of carrying containers and other cargo) SHIP – Ship (A large vessel navigating deep water) OV – Ocean Vessel (An ocean-going vessel that is not a ship) BARG – Barge (A category of boat used to transport material over water) RE – Rail Express TRK – Truck (An automotive vehicle for hauling goods) The following are the payment method codes that can be provided for the different charge types. Pre-Paid/Collect Indicator: ELS: Payable Elsewhere COL: Collect PP: Pre Paid	**O**	**1**	**AN 1/512**
K102	**61**	**Free-form Information** Free-form information	**O**	**1**	**AN 1/512**

Segment: **SE** **Transaction Set Trailer**
Position: 0100
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.
Notes: SE*20*0001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**1**	**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**	**1**	**AN 4/9**

Segment: **GE** **Functional Group Trailer**
Position: 0110
Loop:
Level: Summary
Usage: Optional
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.
Notes: GE*1*1000

Data Element Summary

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

Segment: **IEA** **Interchange Control Trailer**
Position: 0120
Loop:
Level: Summary
Usage: Optional
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:
Notes: IEA*1*000001000

Data Element Summary

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