

322 Terminal Operations and Intermodal Ramp Activity

X12/V7050/322 : 322 Terminal Operations and Intermodal Ramp Activity

Version: 1.0 Draft

Company:	CSX Transportation, Inc
Current:	3/19/2021
Notes:	

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322 Terminal Operations and Intermodal Ramp Activity

Functional Group=SO

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Terminal Operations and Intermodal Ramp Activity Transaction Set (322) 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 a terminal operation, port authority or intermodal ramp to communicate terminal and intermodal ramp activities (e.g., "ingates" and "outgates") to authorized parties to a shipment.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0160	Q5	Status Details	M	1			Must use
<u>LOOP ID - N7</u>					<u>1000</u>		
0200	N7	Equipment Details	M	1			Must use
0400	DTM	Date/Time Reference	O	2			Used
0500	M7	Seal Numbers	O	5			Used
0700	W2	Equipment Identification	O	1			Used
0800	NA	Cross-Reference Equipment	O	30			Used
<u>LOOP ID - R4</u>					<u>20</u>		
1200	R4	Port or Terminal	M	1			Must use
<u>LOOP ID - N1</u>					<u>10</u>		
1500	N1	Party Identification	O	1			Used
1700	N9	Extended Reference Information	O	30			Used
3100	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
Description: Code identifying the type of information in the Authorization Information						
<u>Code</u> <u>Name</u>						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
Description: 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)						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
Description: Code identifying the type of information in the Security Information						
<u>Code</u> <u>Name</u>						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	Security Information	M	AN	10/10	Must use
Description: 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)						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
<u>Code</u> <u>Name</u>						
02 SCAC (Standard Carrier Alpha Code)						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
Description: 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						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
<u>Code</u> <u>Name</u>						
01 Duns (Dun & Bradstreet)						
02 SCAC (Standard Carrier Alpha Code)						
12 Phone (Telephone Companies)						

		<u>Code</u>	<u>Name</u>				
		ZZ	Mutually Defined				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	
		Description: 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					
ISA09	I08	Interchange Date	M	DT	6/6	Must use	
		Description: Date of the interchange					
ISA10	I09	Interchange Time	M	TM	4/4	Must use	
		Description: Time of the interchange					
ISA11	I65	Repetition Separator	M		1/1	Must use	
		Description: 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					
ISA12	I11	Interchange Control Version Number Code	M	ID	5/5	Must use	
		Description: Code specifying the version number of the interchange control segments					
		<u>Code</u>	<u>Name</u>				
		00705	Standards Approved for Publication by ASC X12 Procedures Review Board through December 2017				
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use	
		Description: A control number assigned by the interchange sender					
ISA14	I13	Acknowledgment Requested Code	M	ID	1/1	Must use	
		Description: Code indicating sender's request for an interchange acknowledgment					
		<u>Code</u>	<u>Name</u>				
		0	No Interchange Acknowledgment Requested				
ISA15	I14	Interchange Usage Indicator Code	M	ID	1/1	Must use	
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information					
		<u>Code</u>	<u>Name</u>				
		P	Production Data				
ISA16	I15	Component Element Separator	M		1/1	Must use	
		Description: 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					

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
Description: Code identifying a group of application related transaction sets						
Code Name						
SO Ocean Shipment Information (304, 311, 317, 319, 322, 323, 324, 325, 326, 361)						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
Description: Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
GS05	337	Time	M	TM	4/4	Must use
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
GS06	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
Code Name						
X Accredited Standards Committee X12						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
Description: 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						

<u>Code</u>	<u>Name</u>
007050	Standards Approved for Publication by ASC X12 Procedures Review Board through December 2017

Semantics:

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.

User Note 1:

One GS loop per ISA is allowed.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code identifying a Transaction Set						
Code Name						
322 Terminal Operations and Intermodal Ramp Activity						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
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.

Q5 Status Details

Pos: 0160	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 10

User Option (Usage): Must use

Purpose: To specify the status of the shipment in terms of dates, time, reference numbers, and location

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Q501	157	Shipment Status Code	O	ID	1/2	Used

Description: Code indicating the status of a shipment

Code Name

A	Arrived
B	Bad Order (Inoperative or Damaged)
G	Repaired and/or Released from Bad Order
I	In-Gate
J	Delivered to Connecting Line
R	Received from Prior Carrier
W	Released by Customer

User Note 1:

Only used if requested in place of a blank Q501.

Z	Actually Placed
AL	Loaded on Rail
AR	Rail Arrival at Destination Intermodal Ramp
CB	Chassis Tie
CC	Chassis Un-Tie
NF	Free Time to Expire
NT	Notification
OA	Out-Gate
RL	Rail Departure from Origin Intermodal Ramp
RN	Renotification
UR	Unloaded from a Rail Car

Q502	373	Date	O	DT	8/8	Used
------	-----	-------------	---	----	-----	------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Q503	337	Time	X	TM	4/4	Used
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Q504	623	Time Code	X	ID	2/2	Used
------	-----	------------------	---	----	-----	------

Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

		<u>Code</u>	<u>Name</u>			
		LT	Local Time			
Q506	19	City Name		X	AN	2/30 Used
		Description: Free-form text for city name				
Q507	156	State or Province Code		O	ID	2/2 Used
		Description: Code specifying the Standard State/Province as defined by appropriate government agency				
Q511	128	Reference Identification Qualifier		X	ID	2/3 Used
		Description: Code identifying the Reference Identification				
		<u>Code</u>	<u>Name</u>			
		LL	Latitude Expressed in Seconds			
Q512	127	Reference Identification		X	AN	1/80 Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
Q514	128	Reference Identification Qualifier		X	ID	2/3 Used
		Description: Code identifying the Reference Identification				
		<u>Code</u>	<u>Name</u>			
		LH	Longitude Expressed in Seconds			
Q515	127	Reference Identification		X	AN	1/80 Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. P0304 - If either Q503 or Q504 is present, then the other is required.
2. C0706 - If Q507 is present, then Q506 is required.
3. P1112 - If either Q511 or Q512 is present, then the other is required.
4. C1312 - If Q513 is present, then Q512 is required.
5. P1415 - If either Q514 or Q515 is present, then the other is required.
6. C1615 - If Q516 is present, then Q515 is required.

Semantics:

1. Q502 is the date of the status reported in Q501.
2. Q503 is the time of the status reported in Q501.
3. Q513 is the direction (north or south) of the equator for the latitude given in Q512.
4. If Q513 is not used, north is assumed.
5. If Q516 is not used, west is assumed.
6. Q516 is the direction (east or west) of the Greenwich Meridian for the longitude given in Q515.
7. Q517 is the percent of the capacity of the trailer utilized as identified in Q510.

N7 Equipment Details

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N7	Elements: 6

User Option (Usage): Must use

Purpose: To identify the equipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N701	206	Equipment Initial	O	AN	1/4	Used
		Description: Prefix or alphabetic part of an equipment unit's identifying number				
N702	207	Equipment Number	M	AN	1/6	Must use
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)				
N703	81	Weight	X	R	1/10	Used
		Description: Numeric value of weight				
N704	187	Weight Qualifier	X	ID	1/2	Used
		Description: Code specifying the type of weight				
		<u>Code</u>	<u>Name</u>			
		E	Estimated Net Weight			
		G	Gross Weight			
		N	Actual Net Weight			
N711	40	Equipment Description Code	O	ID	2/2	Used
		Description: Code identifying type of equipment used for shipment				
		All valid standard codes are used.				
N715	567	Equipment Length	O	N0	4/5	Used
		Description: 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)				

Syntax Rules:

1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

Semantics:

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.

DTM Date/Time Reference

Pos: 0400	Max: 2
Heading - Optional	
Loop: N7	Elements: 6

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use								
Description: Code specifying type of date or time, or both date and time														
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>017</td><td>Updated ETI/ETA for interline traffic</td></tr><tr><td>371</td><td>Updated ETN/ETA/ETI for local CSXT traffic</td></tr><tr><td>830</td><td>Original ETN/ETA/ETI</td></tr></table>							<u>Code</u>	<u>Name</u>	017	Updated ETI/ETA for interline traffic	371	Updated ETN/ETA/ETI for local CSXT traffic	830	Original ETN/ETA/ETI
<u>Code</u>	<u>Name</u>													
017	Updated ETI/ETA for interline traffic													
371	Updated ETN/ETA/ETI for local CSXT traffic													
830	Original ETN/ETA/ETI													
DTM02	373	Date	X	DT	8/8	Used								
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year														
DTM03	337	Time	X	TM	4/8	Used								
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)														
DTM04	623	Time Code	O	ID	2/2	Used								
Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow														
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>LT</td><td>Local Time</td></tr></table>							<u>Code</u>	<u>Name</u>	LT	Local Time				
<u>Code</u>	<u>Name</u>													
LT	Local Time													
DTM05	1250	Date Time Period Format Qualifier	X	ID	2/3	Used								
Description: Code indicating the date format, time format, or date and time format														
All valid standard codes are used.														
DTM06	1251	Date Time Period	X	AN	1/35	Used								
Description: Expression of a date, a time, or range of dates, times or dates and times														

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

User Note 1:

DTM segments with qualifiers 830 or 371 are not included on arrival at destination, unload flatcar, notification, re-notification, or out-gate event types..

M7 Seal Numbers

Pos: 0500	Max: 5
Heading - Optional	
Loop: N7	Elements: 4

User Option (Usage): Used

Purpose: To record seal numbers used and the organization that applied the seals

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
M701	225	Seal Number	M	AN	2/15	Must use
		Description: Unique number on seal used to close a shipment				
M702	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				
M703	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				
M704	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				

Comments:

1. M705 indicates the name of the organization which applied the seal(s).

W2 Equipment Identification

Pos: 0700	Max: 1
Heading - Optional	
Loop: N7	Elements: 7

User Option (Usage): Used

Purpose: To identify equipment and the commodity being carried

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W201	206	Equipment Initial	M	AN	1/4	Must use
		Description: Prefix or alphabetic part of an equipment unit's identifying number				
W202	207	Equipment Number	M	AN	1/6	Must use
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)				
W203	22	Commodity Code	O	AN	1/30	Used
		Description: Code describing a commodity or group of commodities				
W204	40	Equipment Description Code	M	ID	2/2	Must use
		Description: Code identifying type of equipment used for shipment				

Code Name

BG	Bogie
BU	Buffer Car
CA	Caboose
CC	Container resting on a Chassis
CH	Chassis
CM	Container, Open-Sided
CN	Container
CX	Container, Tank
CZ	Refrigerated Container
ID	Idler Car
LO	Locomotive
LS	Half Height Flat Rack
OT	Open-top/flatbed trailer
PL	Container, Platform
PT	Protected Trailer
RR	Rail Car
SK	Stack Car
TL	Trailer (not otherwise specified)
TN	Tank Car

W205	578	Equipment Status Code	M	ID	1/2	Must use
		Description: Code indicating status of equipment				

Code Name

E	Empty
L	Load

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W211	206	Equipment Initial	X	AN	1/4	Used
Description: Prefix or alphabetic part of an equipment unit's identifying number						
W212	207	Equipment Number	X	AN	1/15	Used
Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)						

Syntax Rules:

1. P0910 - If either W209 or W210 is present, then the other is required.
2. P1112 - If either W211 or W212 is present, then the other is required.

Semantics:

1. Commodity code (W203) is STCC.
2. W209 is the event date.
3. W212 (when available) is the chassis number if W204 equals "CC".
4. W216 indicates if equipment needs repair. A "Y" indicates equipment needs repair; an "N" indicates equipment does not need repair.

Comments:

1. W208 is to contain the proper code when an empty car is being returned per ex parte 346, sub. 8. If proper code is unknown, default to 34617.
2. W211 (when available) is the chassis initial if W204 equals "CC". If unknown, use NONZ for chassis initial.

NA Cross-Reference Equipment

Pos: 0800	Max: 30
Heading - Optional	
Loop: N7	Elements: 3

User Option (Usage): Used

Purpose: To cross-reference additional equipment to a primary piece of equipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NA03	206	Equipment Initial	M	AN	1/4	Must use
Description: Prefix or alphabetic part of an equipment unit's identifying number						
NA04	207	Equipment Number	M	AN	1/6	Must use
Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)						
NA05	231	Cross Reference Type Code	O	ID	1/1	Used
Description: Code specifying relationship of equipment to equipment cross-referenced						
<u>Code</u> <u>Name</u>						
F Conveying Flat Car						

Syntax Rules:

1. C0102 - If NA01 is present, then NA02 is required.

Semantics:

1. NA07 is the owner's Standard Carrier Alpha Code (SCAC) code.
2. NA11 indicates the equipment damage status. A "Y" indicates equipment is damaged; an "N" indicates equipment is not damaged.
3. NA12 is the check digit for the equipment number in NA04.

Comments:

1. NA03 contains the equipment initial of an associated shipment and is required by rail. If unknown, use NONZ for van or NONU for container.
2. NA04 contains the equipment number of an associated shipment.
3. NA09 is the Standard Carrier Alpha Code (SCAC) code of the operator of the equipment.

R4 Port or Terminal

Pos: 1200	Max: 1
Heading - Mandatory	
Loop: R4	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
R401	115	Port or Terminal Function Code	M	ID	1/1	Must use
		Description: Code specifying function performed at the port or terminal with respect to a shipment				
		<u>Code</u> <u>Name</u>				
		5 Activity Location (Operational)				
		6 Rail Waybill - Origin Rail Intermodal Terminal				
		7 Rail Waybill - Destination Rail Intermodal Terminal				
R402	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location				
		<u>Code</u> <u>Name</u>				
		SL U.S. SPLC				
R403	310	Location Identifier	X	AN	1/30	Used
		Description: Code which identifies a specific location				
R404	114	Port Name	O	AN	2/24	Used
		Description: Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property				

Syntax Rules:

1. P0203 - If either R402 or R403 is present, then the other is required.

Comments:

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

N1 Party Identification

Pos: 1500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
<u>Code</u> <u>Name</u>						
1A CSX Internal Code						
CN Consignee						
MC Motor Carrier						
RD (Rail Waybill) Destination Intermodal Ramp						
RO (Rail Waybill) Original Intermodal Ramp						
SH Shipper						
N102	93	Name	X	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	X	ID	1/2	Used
Description: Code specifying the system/method of code structure used for Identification Code (67)						
<u>Code</u> <u>Name</u>						
2 Standard Carrier Alpha Code (SCAC)						
20 Standard Point Location Code (SPLC)						
N104	67	Identification Code	X	AN	2/9	Used
Description: Code identifying a party or other code						

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

N9 Extended Reference Information

Pos: 1700	Max: 30
Heading - Optional	
Loop: N7	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

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

Description: Code identifying the Reference Identification

Code Name

BM	Bill of Lading Number
BN	Booking Number
LT	Lot Number

User Note 1:

If N901 = LT this element shows parking location. The location may change so it is suggested that if you receive the Q501 = RN, update your system with the location on that event.

Format of the N902 is: Parking_Zone,Parking_Row,Parking_Spot/Slot

Not all terminal have the ability to send this or all three data elements for the parking location. If data is not present or you get two of three pieces of the N902, this is not an EDI issue, we'll pass as much data as the terminal is able to provide. As more terminals become RF enabled, you will see more events with this data.

OB	Ocean Bill of Lading
P8	Pickup Reference Number
UT	Unit Train
WY	Waybill Number

N902	127	Reference Identification	X	AN	1/80	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

SE Transaction Set Trailer

Pos: 3100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						

Semantics:

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.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
Description: A control number assigned by the interchange sender						