CSX 322 Intermodal Event Report

Version: 004010

Created:	**10/5/2005**
Modified:	**11/5/2009**
Current:	**11/5/2009**

Table of Contents

322 Terminal Operations and Intermodal Ramp Activity

Functional Group=SO

Purpose: This Draft Standard for Trial Use 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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1		N0/	Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
016	Q5	Status Details	M	1			Must use
LOOP ID - N7			-	-	**1000**	-	-
020	N7	Equipment Details	M	1			Must use
040	DTM	Date/Time Reference	O	3		N1/040	Used
050	M7	Seal Numbers	O	5			Used
070	W2	Equipment Identification	O	1			Used
080	NA	Cross-Reference Equipment	O	30			Used
LOOP ID - R4			-	-	**20**	-	-
120	R4	Port or Terminal	M	1			Must use
LOOP ID - N1			-	-	**10**	-	-
150	N1	Name	O	1			Used
170	N9	Reference Identification	O	10			Used
220	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

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

Notes:

0/	CSX will only process the first ISA-IEA sent in a transmission. If an ISA-IEA follows the first ISA-IEA, it will be ignored.
1/040	CSX send 3 as default. If you cannot process 3, please call CSX eBusiness Support for assistance.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code to identify the type of information in the Authorization Information **Code** **Name** 04 Rail Communications ID	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **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) **CSX Note 1:** *This field may contain "SW322" or be blank.*	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code to identify the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **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) **CSX Note 1:** *This field will be blank*	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **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 **CSX Note 1:** *This field will contain "CSXT", or "CSXI', or "CSXINC" depending on the trading partner and communications method.*	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **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	M	AN	15/15	Must use
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
All valid standard codes are used.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

Code	Name
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)

Code	Name
0	No Acknowledgment Requested

ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information

Code	Name
P	Production Data
T	Test 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
CSX Note 1: *The standard for this field is ">". We can accommodate any value you need if the communication method is direct FTP with CSX.*

Semantics:

1. Only one ISA-IEA pair per transmission is permitted by CSX.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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, 306, 309, 311, 317, 319, 321, 322, 323, 324, 325, 350, 352, 353, 354, 355, 356, 357, 358, 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 **CSX Note 1:** *A valid of "CSXI" will be sent in this field.*				
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				
GS05	337	**Time**	M	TM	4/8	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, sub release, 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 sub release, 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				
		Code **Name** 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

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.

CSX Note 1:

One GS segment will be sent per message by CSX.

ST Transaction Set Header

Pos: 010	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely 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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Q5 Status Details

Pos: 016	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use
Purpose: To specify the status of the shipment in terms of dates, time, reference numbers, and location

Element Summary:

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

Description: Code indicating the status of a shipment
CSX Note 1: *IF Q501 = NF then Q502, Q503, and Q504 reflect the last free day expiration date and time; otherwise the Q502, Q503, and Q504 reflect the date/time of the event identified in the Q501.*

Code	Name
A	Arrived
	Description: *Shipment has arrived at the location specified*
B	Bad Order (Inoperative or Damaged)
	Description: *Shipment was on a piece of equipment that failed*
G	Repaired and/or Released from Bad Order
I	In-Gate
J	Delivered to Connecting Line
	Description: *Shipment has been delivered to an interline carrier*
R	Received from Prior Carrier
	Description: *Shipment has been received from an interline carrier*
W	Waybill Created
	Description: *Tells you the BOL has been converted to a waybill, default value is a blank Q501. If you would like to receive it as a W, please contact CSX eBusiness support.*
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
	Description: *Notify party at destination has been renotified*
UR	Unloaded from a Rail Car

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

Description: Date expressed as CCYYMMDD

Q503	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)

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

Code	Name

		LT	Local Time **CSX Note 1:** *All events are reported in 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 (Standard State/Province) as defined by appropriate government agency					

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.

Loop Equipment Details

Pos: 020	Repeat: 1000
Mandatory	
Loop: N7	Elements: N/A

User Option (Usage): Must use
Purpose: To identify the equipment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
020	N7	Equipment Details	M	1		Must use
040	DTM	Date/Time Reference	O	3		Used
050	M7	Seal Numbers	O	5		Used
070	W2	Equipment Identification	O	1		Used
080	NA	Cross-Reference Equipment	O	30		Used
120		Loop R4	M		20	Must use
150		Loop N1	O		10	Used
170	N9	Reference Identification	O	10		Used

N7 Equipment Details

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N7	Elements: 6

User Option (Usage): Must use
Purpose: To identify the equipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	1/10	Must use
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) **CSX Note 1:** *CSX does not return check digits if supplied on the 404 or 417. This element will be a maximum of 6 bytes. If you need to have leading zeros populated, please let us know. Otherwise that will be suppressed.*				
N703	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
N704	187	**Weight Qualifier**	X	ID	1/2	Used
		Description: Code defining the type of weight				
		Code **Name** 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				
		Code **Name** CC Container resting on a Chassis CH Chassis CN Container TL Trailer (not otherwise specified)				
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: 040 **Max: 3**
Heading - Optional
Loop: N7 **Elements: 4**

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		Code **Name**				
		017 Estimated Delivery				
		Description: *When the equipment will be available for pickup.*				
		CSX Note 1: *Only available if Q501 = RL, P, J, AR, or A*				
		371 Estimated Arrival Date				
		Description: *Current ETA for deramp. Only one 371 or 017 will be sent.*				
		CSX Note 1: *Only available if Q501 = RL, P, J, AR, or A*				
		830 Schedule				
		Description: *Original ETA*				
		CSX Note 1: *Only available if Q501 = RL, P, J, AR, or A*				
DTM02	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
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				
		Code **Name**				
		ET Eastern Time				

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.

CSX Note 1:

CSX sends 3 DTMs as default when ETAs are requested. If you cannot process 3, please call CSX eBusiness Support for assistance.

Only available if Q501 = RL, P, J, AR, or A

M7 Seal Numbers

Pos: 050 **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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 070 **Max: 1**
Heading - Optional
Loop: N7 **Elements: 7**

User Option (Usage): Used
Purpose: To identify equipment and the commodity being carried

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	1/10	Must use
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) **CSX Note 1:** *CSX does not store check digits and therefore cannot supply them.*				
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** CC Container resting on a Chassis CH Chassis CN Container TL Trailer (not otherwise specified)				
W205	578	**Equipment Status Code**	M	ID	1/2	Must use
		Description: Code indicating status of equipment				
		Code **Name** E Empty L Load				
W211	206	**Equipment Initial**	X	AN	1/4	Used
		Description: Prefix or alphabetic part of an equipment unit's identifying number **CSX Note 1:** *Used when N711 = CC; this is the chassis initial*				
W212	207	**Equipment Number**	X	AN	1/10	Used
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) **CSX Note 1:** *Used when N711 = CC; this is the chassis number*				

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: 080	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	1/10	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 defining relationship of equipment to equipment cross-referenced				

Code	Name
F	Conveying Flat Car
	Description: *This is the flatcar the container or trailer is riding.*
H	Generator Set
	CSX Note 1: *Can only be sent if manually recorded by the terminal. Can only be sent on in and outgate events.*
K	Clip-on Front-Mounted Generator Unit For Container
	CSX Note 1: *Can only be sent if manually recorded by the terminal. Can only be sent on in and outgate events.*

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.

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.

Loop Port or Terminal

Pos: 120	Repeat: 20
Mandatory	
Loop: R4	Elements: N/A

User Option (Usage): Must use
Purpose: Contractual or operational port or point relevant to the movement of the cargo

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
120	R4	Port or Terminal	M	1		Must use

R4 Port or Terminal

Pos: 120 **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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R401	115	**Port or Terminal Function Code**	M	ID	1/1	Must use
		Description: Code defining function performed at the port or terminal with respect to a shipment **CSX Note 1:** *CSX will send either the R4*6 and R4*7 as the origin and destination or the N1*RO and N1*RD as the origin and destination; we do not send both. Please let your implementation coordinator know which method you prefer.*				
		Code **Name** 5 Activity Location (Operational) **Description:** *Place at which the activity being reported is occurring* 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 **Code** **Name** 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 **CSX Note 1:** *Terminal Name or City*				

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.

Loop Name

Pos: 150	Repeat: 10
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
150	N1	Name	O	1		Used

N1 Name

Pos: 150 **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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual **CSX Note 1:** *CSX will send either the N1*RO and N1*RD as the origin and destination or the R4*6 and R4*7 as the origin and destination; we do not send both. Please let your implementation coordinator know which method you prefer.*				
		Code **Name** 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 designating the system/method of code structure used for Identification Code (67) **Code** **Name** 2 Standard Carrier Alpha Code (SCAC) 20 Standard Point Location Code (SPLC)				
N104	67	**Identification Code**	X	AN	2/80	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 Reference Identification

Pos: 170	Max: 10
Heading - Optional	
Loop: N7	Elements: 5

User Option (Usage): Used
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code **Name** BM Bill of Lading Number BN Booking Number LT Parking Location Details OB Ocean Bill of Lading P8 Pickup Reference Number UT Unit Train WY Waybill Number				
N902	127	**Reference Identification**	X	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **CSX 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.*				
N904	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
N905	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)				
N906	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 **All valid standard codes are used.**				

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: 220	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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				

Appendix

All Included Elements in All Included Segments

Id	Elements	Used in Segments
19	City Name	Q5
22	Commodity Code	W2
28	Group Control Number	GE, GS
40	Equipment Description Code	N7, W2
66	Identification Code Qualifier	N1
67	Identification Code	N1
81	Weight	N7
93	Name	N1
96	Number of Included Segments	SE
97	Number of Transaction Sets Included	GE
98	Entity Identifier Code	N1
114	Port Name	R4
115	Port or Terminal Function Code	R4
124	Application Receiver's Code	GS
127	Reference Identification	N9
128	Reference Identification Qualifier	N9
142	Application Sender's Code	GS
143	Transaction Set Identifier Code	ST
156	State or Province Code	Q5
157	Shipment Status Code	Q5
187	Weight Qualifier	N7
206	Equipment Initial	N7, NA, W2
207	Equipment Number	N7, NA, W2
225	Seal Number	M7
231	Cross Reference Type Code	NA
309	Location Qualifier	R4
310	Location Identifier	R4
329	Transaction Set Control Number	SE, ST
337	Time	DTM, GS, N9, Q5
373	Date	DTM, GS, N9, Q5
374	Date/Time Qualifier	DTM
455	Responsible Agency Code	GS
479	Functional Identifier Code	GS
480	Version / Release / Industry Identifier Code	GS
567	Equipment Length	N7
578	Equipment Status Code	W2
623	Time Code	DTM, N9, Q5
I01	Authorization Information Qualifier	ISA
I02	Authorization Information	ISA
I03	Security Information Qualifier	ISA
I04	Security Information	ISA
I05	Interchange ID Qualifier	ISA

I06	Interchange Sender ID	ISA
I07	Interchange Receiver ID	ISA
I08	Interchange Date	ISA
I09	Interchange Time	ISA
I10	Interchange Control Standards Identifier	ISA
I11	Interchange Control Version Number	ISA
I12	Interchange Control Number	IEA, ISA
I13	Acknowledgment Requested	ISA
I14	Usage Indicator	ISA
I15	Component Element Separator	ISA
I16	Number of Included Functional Groups	IEA