

858 Shipment Information

Functional Group ID=**SI**

Introduction:

This standard provides the format and establishes the data contents of a shipment information transaction set. The shipment information transaction set provides the sender with the capability to transmit detailed bill-of-lading, rating, and/or scheduling information pertinent to a shipment.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	030	BX	General Shipment Information	M	1		
	040	BNX	Rail Shipment Information	O	1		
	050	M3	Release	O	1		
	090	C3	Currency	O	1		
	110	G62	Date/Time	O	10		
	120	PER	Administrative Communications Contact	O	3		
	140	F9	Origin Station	O	1		
	150	D9	Destination Station	O	1		
	170	R2	Route Information	O	13		
	280	NTE	Note/Special Instruction	O	30		
						LOOP ID - N7	600
	330	N7	Equipment Details	O	1		
						LOOP ID - N1	10
	390	N1	Name	O	1		
	400	N2	Additional Name Information	O	2		
	410	N3	Address Information	O	2		
	420	N4	Geographic Location	O	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - LX	999
M	010	LX	Assigned Number	M	1		
	100	N9	Reference Number	O	10		
	130	L5	Description, Marks and Numbers	O	10		
						LOOP ID - L0	10
	140	L0	Line Item - Quantity and Weight	O	1		
	150	L1	Rate and Charges	O	20		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	L3	Total Weight and Charges	O	1		
M	020	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 858 X12.18 Shipment Information	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number assigned by the originator for a transaction set.	M AN 4/9

Segment: **BX** General Shipment Information
Position: 030
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identification numbers and other basic shipment data
Syntax Notes:
Semantic Notes:
Comments: 1 BX05 contains the SCAC of the original carrier receiving the shipment

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BX01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BX02	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment R Rail	M ID 1/2
M	BX03	146	Shipment Method of Payment Code identifying payment terms for transportation charges PP Prepaid (by Seller)	M ID 2/2
	BX04	145	Shipment Identification Number Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)	O AN 1/30
	BX05	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O ID 2/4
	BX06	188	Weight Unit Code Code specifying the weight unit L Pounds	O ID 1/1
	BX07	147	Shipment Qualifier Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time B Bill of Lading for Individual Shipment	O ID 1/1
	BX08	226	Section Seven Code Code indicating applicability of section seven option (if not transmitted assume not in effect) S In Effect	O ID 1/1
	BX09	195	Capacity Load Code Code specifying type of capacity load M Marked Capacity	O ID 1/1

Segment: **BNX** Rail Shipment Information
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit rail-specific shipment data
Syntax Notes: 1 Only one of BNX02 or BNX04 may be present.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
BNX01	460	Shipment Weight Code Code indicating the way by which weights are obtained for a particular shipment A Shipper's Weight Agreement	O ID 1/1
BNX03	11	Billing Code Code indicating type of Bill S Single Shipment Billing	O ID 1/1

Segment: **M3** Release
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To indicate that the equipment is or is not to be released
Syntax Notes:
Semantic Notes:
Comments: 1 If M301 contains code value `S' or `R', then M302 is date of release. If M301 contains code value `U', then M302 is estimated date of release.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	M301	132	Release Code Code signifying whether or not the shipment information transaction set includes instructions for pick-up and movement of the shipment; (This code provides a means for the shipper to transmit billing data along with the movement instructions, transmit billing data ahead of the movement instructions, or follow movement instructions with complete billing data at a later date) R Released with Billing Data	M ID 1/1
	M302	373	Date Date (YYMMDD)	C DT 6/6
	M303	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	C TM 4/4

Segment: C3 Currency
Position: 090
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency being used in the transaction set
Syntax Notes:
Semantic Notes:
Comments:

- 1 Currency is implied by the code for the country in whose currency the monetary amounts are specified.
- 2 C301 = Billing Currency
- 3 C303 = Payment Currency

Data Element Summary

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

Segment: **G62** Date/Time
Position: 110
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
G6201	432	Date Qualifier Code specifying type of date 11 Shipped on This Date	C ID 2/2
G6202	373	Date Date (YYMMDD)	C DT 6/6

Segment: **PER** Administrative Communications Contact
Position: 120
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If PER03 is present, then PER04 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named AD Accounting Department	M ID 2/2
	PER02	93	Name Free-form name	O AN 1/35
	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	O ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable	C AN 7/21

Segment: **F9** Origin Station
Position: 140
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the rail origin of the shipment
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
M	F902	101	Origin Station Railroad station at which the movement of goods originated.	M AN 2/19
M	F903	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
	F908	154	Standard Point Location Code Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city	O ID 6/9

Segment: **D9** Destination Station
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the rail destination of the shipment
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
M	D902	300	Destination Station Railroad station at which the movement of goods is to terminate.	M AN 2/19
M	D903	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
	D908	154	Standard Point Location Code Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city	O ID 6/9

Segment: **R2** Route Information
Position: 170
Loop:
Level: Heading
Usage: Optional
Max Use: 13
Purpose: To specify carrier and routing sequences and details
Syntax Notes:
Semantic Notes:
Comments: 1 R203 is the station or city name at which carriers interchange shipments.

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
M	R201	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
M	R202	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement A Origin Carrier, Agent's Routing (Rail)	M ID 1/2
	R206	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment R Rail	O ID 1/2

Segment: **NTE** Note/Special Instruction
Position: 280
Loop:
Level: Heading
Usage: Optional
Max Use: 30
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:
Semantic Notes:
Comments:

- 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		ZZZ Mutually Defined	
M	NTE02	3 Free Form Message	M AN 1/60
		Free-form text	

Segment: **N7** Equipment Details
Position: 330
Loop: N7 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the equipment
Syntax Notes:

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

Semantic Notes:
Comments:

- 1 N701 is mandatory for rail transactions.
- 2 N720 and N721 are expressed in inches.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		206	Equipment Initial	C AN 1/4
			Prefix or alphabetic part of an equipment unit's identifying number	
M	N702	207	Equipment Number	M AN 1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	
	N703	81	Weight	C R 1/8
			Numeric value of weight	
	N704	187	Weight Qualifier	C ID 1/2
			Code defining the type of weight	
			N Actual Net Weight	
	N711	40	Equipment Description Code	C ID 2/2
			Code identifying type of equipment used for shipment	
			RR Rail Car	

Segment: **N1** Name
Position: 390
Loop: N1 Optional
Level: Heading
Usage: Optional
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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity or a physical location.	
		C1 In Care Of Party no. 1	
		CN Consignee	
		PF Party to Receive Freight Bill	
		SH Shipper	
	N102	93 Name	C AN 1/35
		Free-form name	
	N103	66 Identification Code Qualifier	C ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		20 Standard Point Location Code (SPLC)	
	N104	67 Identification Code	C ID 2/17
		Code identifying a party.	

Segment: N2 Additional Name Information
Position: 400
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
M	N201	93	Name Free-form name	M AN 1/35

Segment: N3 Address Information
Position: 410
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	N301	166	Address Information Address information	M AN 1/35

Segment: **N4 Geographic Location**
Position: 420
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 At least one of N401 or N405 is required.
- 2 If N401 is present, then N402 is required.
- 3 If either N405 or N406 is present, then the other is required.

Semantic Notes:
Comments:

- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 4/9
N404	26	Country Code Code identifying the country	O ID 2/2
N405	309	Location Qualifier Code identifying type of location SL U.S. SPLC	C ID 1/2
N406	310	Location Identifier Code which identifies a specific location	C AN 1/25

Segment: LX Assigned Number
Position: 010
Loop: LX Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: N9 Reference Number
Position: 100
Loop: LX Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1 At least one of N902 or N903 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Number Qualifier Code qualifying the Reference Number. BM Bill of Lading Number CT Contract Number	M ID 2/2
	N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30
	N904	373	Date Date (YYMMDD)	O DT 6/6
	N905	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O TM 4/4

Segment: **L5** Description, Marks and Numbers

Position: 130

Loop: LX Mandatory

Level: Detail

Usage: Optional

Max Use: 10

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.

Semantic Notes:

Comments: 1 L503 and L504 are "Paired" data elements. If one is used, both must be used except for rail transaction sets where STCC is understood.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
L501	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L502	79	Lading Description Description of an item as required for rating and billing purposes	C AN 1/50
L503	22	Commodity Code Code describing a commodity or group of commodities	C ID 1/16
L504	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code T Standard Transportation Commodity Code (STCC)	C ID 1/1

Segment: **L0** Line Item - Quantity and Weight
Position: 140
Loop: L0 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

- Syntax Notes:**
- 1 If either L002 or L003 is present, then the other is required.
 - 2 If any of L004 L005 or L011 is present, then all are 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.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
L001	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L002	220	Billed/Rated-as Quantity Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	C R 1/11
L003	221	Billed/Rated-as Qualifier Code identifying the type of quantity or value on which the rate or item pricing is based LB Pound	C ID 2/2
L004	81	Weight Numeric value of weight	C R 1/8
L005	187	Weight Qualifier Code defining the type of weight M Minimum Weight (for rate)	C ID 1/2
L008	80	Lading Quantity Number of units (pieces) of the lading commodity	C N0 1/7
L009	211	Lading Quantity Qualifier Code for the packaging form of the lading quantity. Use codes from part 1 of Data Element 103.	C ID 3/3
L011	188	Weight Unit Code Code specifying the weight unit L Pounds	C ID 1/1

Segment: **L1 Rate and Charges**

Position: 150

Loop: L0 Optional

Level: Detail

Usage: Optional

Max Use: 20

Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

Syntax Notes: **1** At least one of L104 L105 or L106 is required.

2 If either L114 or L115 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
L101	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L102	60	Freight Rate Rate that applies to the specific commodity	O R 1/9
L103	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value PT Per Net Ton	O ID 2/2

Segment: **L3** Total Weight and Charges

Position: 010

Loop:

Level: Summary

Usage: Optional

Max Use: 1

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

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

Semantic Notes:

- Comments:**
- 1 L305 is the total charges.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u> L301	<u>Element</u> 81	<u>Weight</u> Numeric value of weight	<u>C</u> <u>R</u> 1/8
L302	187	Weight Qualifier Code defining the type of weight N Actual Net Weight	<u>C</u> <u>ID</u> 1/2
L303	60	Freight Rate Rate that applies to the specific commodity	<u>C</u> <u>R</u> 1/9
L304	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value PS Per Shipment	<u>C</u> <u>ID</u> 2/2

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/6
M	SE02	329	Transaction Set Control Number Identifying control number assigned by the originator for a transaction set.	M AN 4/9