

858 Shipment Information

Functional Group ID=**SI**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Shipment Information Transaction Set (858) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the sender with the capability to transmit detailed bill-of-lading, rating, and/or scheduling information pertinent to a shipment. This transaction set can also be used to exchange Government Bills of Lading (GBLs), Commercial Bills of Lading (CBLs), Transportation Control and Movement Documents (TCMDs), and Personal Property Government Bills of Lading (PPGBLs). It may be used by the U.S. Civilian Government, U.S. Department of Defense, and any of their trading partners to exchange information about the shipment of freight, household goods, and passengers. This transaction set fulfills information requirements established by U.S. Government transportation movement rules and regulations.

PowerTrack Subset of the ANSI Standard Transaction Set 858

PowerTrack Notes:

Mandatory = **Mandatory for ANSI**
Required = **Required by PowerTrack**
Optional = **Not Required by PowerTrack or ANSI**

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>
Mandatory	010	ST	Transaction Set Header	M	1		
Mandatory	030	BX	General Shipment Information	M	1		n1
Optional	060	N9	Reference Identification - Carrier's PRO Number	O	1		
Optional	090	C3	Currency	O	1		
Required	110	G62	Date/Time - Requested Pick-up Date	O	1		
Required	110	G62	Date/Time - Requested Delivery Date	O	1		
Optional	110	G62	Date/Time - Actual Pick-up Date	O	1		
Required	175	R3	Route Information - Motor	O	13		
Optional	280	NTE	Note/Special Instruction	O	50		
						LOOP ID - N7	600
Optional	330	N7	Equipment Details	O	1		
Optional	340	M7	Seal Numbers	O	5		
						LOOP ID - N1 - SHIPPER'S ADDRESS	1
Required	390	N1	Shipper's Name	O	1		
Optional	410	N3	Shipper's Address Information	O	2		
Required	420	N4	Shipper's Geographic Location	O	1		
Optional	440	PER	Shipper's Administrative Communications Contact	O	3		
						LOOP ID - N1 SHIP TO ADDRESS	1
Required	390	N1	Ship To Name	O	1		
Optional	410	N3	Ship To Address Information	O	2		
Required	420	N4	Ship To Geographic Location	O	1		
Optional	440	PER	Ship To Administrative Communications Contact	O	3		
						LOOP ID - S5	999

Optional	450	S5	Stop-off Details	O	1	
Optional	460	G62	Stop-off Date/Time	O	1	
					LOOP ID - N1 STOP-OFF ADDRESS	5
Optional	490	N1	Stop-off Name	O	1	
Optional	510	N3	Stop-off Address Information	O	2	
Optional	520	N4	Stop-off Geographic Location	O	1	
Optional	540	PER	Stop-off Administrative Communications Contact	O	3	

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 - HL	>1	
Mandatory	010	HL	Hierarchical Level	M	1		
Required	090	L7	Tariff Reference	O	10		
Required	100	N9	Reference Identification - General Ledger Account Code	O	1		
Optional	100	N9	Reference Identification - Stop Location Code	O	1		
Required	130	L5	Description, Marks and Numbers	O	10		
Optional	132	LH2	Hazardous Classification Information	O	6		
					LOOP ID - L0	20	
Required	145	L0	Line Item - Quantity and Weight	O	1		
Required	150	L1	Rate and Charges	O	20		n2,n3

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>
Optional	010	L3	Total Weight and Charges	O	1		
Mandatory	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.
2. A Line Haul Line Item HL Loop is distinguished from an Accessorial Charge HL Loop by the absence of the L108 data element.
3. The L1 segment does not need to be sent for transactions that will be rated by PowerTrack

PowerTrack Notes Regarding the PowerTrack Subset:

The PowerTrack Subset lists the segments PowerTrack uses. Even if a segment is optional according to the ANSI standards, PowerTrack requires it when:

- *The information is applicable (e.g., transmit the L108 data element when Accessorial Charge information applies)*
- *These notes indicate that the segment is mandatory for PowerTrack.*

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

Data Element Summary

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

Example: ST*858*500000001~

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:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	BX01	353	Transaction Set Purpose Code Code identifying purpose of transaction set <i>The BX01 identifies the purpose of the transaction being sent. It is used to indicate whether the transaction will generate a new transaction, to cancel a current transaction, or to change a current transaction.</i> 00 Original 01 Cancellation 04 Change	M ID 2/2
Mandatory	BX02	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air B Barge E Expedited Truck FL Motor (Flatbed) HH Household Goods Truck LT Less Than Trailer Load (LTL) M Motor (Common Carrier) O Containerized Ocean R Rail S Ocean TT Tank Truck	M ID 1/2
Mandatory	BX03	146	Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect PP Prepaid (by Seller) TP Third Party Pay	M ID 2/2
Required	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) <i>The BX04 is used to identify the BOL Number.</i>	O AN 1/30
Required	BX05	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O ID 2/4
Required	BX06	188	Weight Unit Code Code specifying the weight unit <i>The BX06 is used to identify the Unit of Measurement that will define weight values throughout the transaction.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1

Optional **BX07** **147** **Shipment Qualifier** **O ID 1/1**
Code defining relationship of this shipment with respect to other shipments
given to the carrier at the same time
Refer to 004010 Data Element Dictionary for acceptable code values.

Example: BX*00*LT*PP*00987345*SCAC*L*B~

Segment: **N9** Reference Identification - Carrier's PRO Number
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 1
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: *The N902 element, in conjunction with the N901 qualifier of "CN", is used to transmit a carrier's PRO Number.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification CN Carrier's Reference Number (PRO/Invoice)	M ID 2/3
Optional	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Carrier's Pro Number</i>	X AN 1/30

Example: N9*CN*0009876~

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:

- 1 C301 is the billing currency.
- 2 C303 is the payment currency.
- 3 C304 is the rated currency.

Comments:

- 1 Currency is implied by the code for the country in whose currency the monetary amounts are specified.

Notes: *If the C3 Segment is not used, then the currency code will be defaulted to U.S. Dollars (USD).*

Data Element Summary

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

Example: C3*USD~

Segment: **G62** Date/Time - Requested Pick-up Date
Position: 110
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the Requested Pick-up date and time
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:

Notes:

If the G6203 and G6204 elements are not included, then the Requested Pick-up Date will have a time value defaulted to "10:00:00".

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	G6201	432	Date Qualifier Code specifying type of date 10 Requested Ship Date/Pick-up Date	X ID 2/2
Required	G6202	373	Date Date expressed as CCYYMMDD	X DT 8/8
Optional	G6203	176	Time Qualifier Code specifying the reported time 4 Pickup Requested Scheduled Time	X ID 1/2
Optional	G6204	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)	X TM 4/8

Example: G62*10*20020512*4*1200~

Segment: **G62** Date/Time - Requested Delivery Date
Position: 110
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the Requested Delivery date and time
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:

Notes:

If the G6203 and G6204 elements are not included, then the Requested Delivery Date will have a time value defaulted to "10:00:00".

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	G6201	432	Date Qualifier Code specifying type of date 68 Requested Delivery Date	X ID 2/2
Required	G6202	373	Date Date expressed as CCYYMMDD	X DT 8/8
Optional	G6203	176	Time Qualifier Code specifying the reported time 5 Delivery Requested Scheduled Time	X ID 1/2
Optional	G6204	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)	X TM 4/8

Example: G62*68*20020514*5*1700~

Segment: **G62** Date/Time - Actual Pick-up Date
Position: 110
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the Actual Pick-up date and time
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:

Notes:

If the G6203 and G6204 elements are not included, then the Actual Pick-up Date will have a time value defaulted to "10:00:00".

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	G6201	432	Date Qualifier Code specifying type of date 86 Actual Pickup Date	X ID 2/2
Optional	G6202	373	Date Date expressed as CCYYMMDD	X DT 8/8
Optional	G6203	176	Time Qualifier Code specifying the reported time 8 Actual Pickup Time	X ID 1/2
Optional	G6204	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)	X TM 4/8

Example: G62*86*20020512*8*0900~

Segment: **R3** Route Information - Motor
Position: 175
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 13
Purpose: To specify carrier and routing sequences and details
Syntax Notes: 1 If R311 is present, then R310 is required.
 2 If R312 is present, then R311 is required.
Semantic Notes: 1 R303 is the station or city name at which carriers interchange shipments
 2 R307 is the carrier's billing date.
 3 R308 is the amount due the carrier.
Comments:
Notes: *The R3 segment is used to indicate whether the transaction is inbound to or outbound from, a shipper's location.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	R301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
Mandatory	R302	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement B Origin/Delivery Carrier (Any Mode)	M ID 1/2
Required	R309	369	Free-form Description - Inbound\Outbound Indicator Free-form descriptive text <i>The R309 element is used to display whether a shipment is inbound to, or outbound from, the Shipper's location.</i> I Inbound O Outbound	O AN 1/45

Example: R3*SCAC*B*****O~

Segment: **NTE** Note/Special Instruction
Position: 280
Loop:
Level: Heading
Usage: Optional
Max Use: 50
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.

Notes: *NTE segments are used to generate Notes in the PowerTrack User Interface. For each NTE segment sent, one Note will be created in PowerTrack.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	NTE01	363	Note Reference Code	O ID 3/3
			Code identifying the functional area or purpose for which the note applies	
			GEN Entire Transaction Set	
Optional	NTE02	352	Description	M AN 1/80
			A free-form description to clarify the related data elements and their content	

Example: NTE*GEN*Shipment is not insured

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

Semantic Notes:

- 1 N712 is the owner of the equipment.
- 2 N723 is the operator or carrier of the rights of the equipment.

Comments:

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	N701	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
Optional	N702	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M AN 1/10
Optional	N703	81	Weight Numeric value of weight	X R 1/10
Optional	N704	187	Weight Qualifier Code defining the type of weight N Actual Net Weight	X ID 1/2
Optional	N708	183	Volume Value of volumetric measure	X R 1/8
Optional	N709	184	Volume Unit Qualifier Code identifying the volume unit E Cubic Feet G Gallons M Cubic Decimeters V Liter	X ID 1/1
Optional	N715	567	Equipment Length 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)	O N0 4/5
Optional	N717	188	Weight Unit Code Code specifying the weight unit Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
Optional	N719	56	Type of Service Code Code specifying extent of transportation service requested Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Optional	N722	24	Equipment Type Code identifying equipment type	O ID 4/4

Example: N7*UDVJ*998533*3200*N****4500*E*****1400**L**MD***RV45~

Segment: **M7 Seal Numbers**
Position: 340
Loop: N7 Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To record seal numbers used and the organization that applied the seals
Syntax Notes:
Semantic Notes:
Comments: 1 M705 indicates the name of the organization which applied the seal(s).

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
Optional	M701	225	Seal Number Unique number on seal used to close a shipment	M AN 2/15
Optional	M702	225	Seal Number Unique number on seal used to close a shipment	O AN 2/15
Optional	M703	225	Seal Number Unique number on seal used to close a shipment	O AN 2/15
Optional	M704	225	Seal Number Unique number on seal used to close a shipment	O AN 2/15

Example: M7*45688444*45688445*45688446*45688447~

Segment: **N1 Shipper's Name**
Position: 390
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

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

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SH Shipper	M ID 2/3
Required	N102	93	Name Free-form name	X AN 1/60
Optional	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) FA Facility Identification	X ID 1/2
Optional	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

Example: N1*SH*HARTFORD*FA*4125STRAT~

Segment: N3 Shipper's Address Information

Position: 410
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Data Element Summary

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

Example: N3*250 EAST MAIN ST~

Segment: **N4 Shipper's Geographic Location**
Position: 420
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	N401	19	City Name Free-form text for city name	O AN 2/30
Required	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Required	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Required	N404	26	Country Code Code identifying the country	O ID 2/3

Example: N4*HARTFORD*CT*06614*USA~

Segment: **PER** Shipper's Administrative Communications Contact
Position: 440
Loop: N1 Optional (Must Use)
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 either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact	M ID 2/2
Optional	PER02	93	Name Free-form name	O AN 1/60
Optional	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
Optional	PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Example: PER*CN*TONY BLIX*TE*8001454568~

Segment: **N1 Ship To Name**
Position: 390
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

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

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M ID 2/3
Required	N102	93	Name Free-form name	X AN 1/60
Optional	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) FA Facility Identification	X ID 1/2
Optional	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

Example: N1*ST*FI INC*FA*0000021894~

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

Data Element Summary

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

Example: N3*2154 ENERGY PARK DRIVE~

Segment: **N4 Ship To Geographic Location**
Position: 420
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Required	N401	19	City Name Free-form text for city name	O AN 2/30
Required	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Required	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Required	N404	26	Country Code Code identifying the country	O ID 2/3

Example: N4*STRATFORD*CT*06614*USA~

Segment: **PER** Ship To Administrative Communications Contact
Position: 440
Loop: N1 Optional (Must Use)
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 either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 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>
Optional	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact	M ID 2/2
Optional	PER02	93	Name Free-form name	O AN 1/60
Optional	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
Optional	PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Example: PER*FRONT DESK*TE*215558799~

Segment: **S5 Stop-off Details**
Position: 450
Loop: S5 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify stop-off detail reference numbers and stop reason
Syntax Notes:

- 1 If either S503 or S504 is present, then the other is required.
- 2 If either S505 or S506 is present, then the other is required.
- 3 If either S507 or S508 is present, then the other is required.

Semantic Notes:

- 1 S509 is the stop reason description.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	S501	165	Stop Sequence Number Identifying number for the specific stop and the sequence in which the stop is to be performed	M N0 1/3
Optional	S502	163	Stop Reason Code Code specifying the reason for the stop PL Part Load PU Part Unload	M ID 2/2

Example: S5*1*PU~

Segment: **G62** Stop-off Date/Time
Position: 460
Loop: S5 Optional
Level: Heading
Usage: Optional
Max Use: 1
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:

Notes:

Drop:DropDateTime

If the G6203 and G6204 elements are not included, then the Stop-off Date will have a time value defaulted to "10:00:00".

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Optional	G6201	432	Date Qualifier	X ID 2/2
			Code specifying type of date	
			68 Requested Delivery Date	
			10 Requested Ship Date/Pick-up Date	
Optional	G6202	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Optional	G6203	176	Time Qualifier	X ID 1/2
			Code specifying the reported time	
			5 Delivery Requested Scheduled Time	
			4 Pickup Requested Scheduled Time	
Optional	G6204	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

Example: G62*68*20020513*5*1100~

Segment: **N1** Stop-off Name
Position: 490
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.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual CN Consignee	M ID 2/3
Required	N102	93	Name Free-form name	X AN 1/60
Optional	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) FA Facility Identification	X ID 1/2
Optional	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

Example: N1*CN*FI SUBSYSTEMS*FA*00021547~

Segment: **N3** Stop-off Address Information
Position: 510
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

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

Example: N3*214 HWY 425 E~

Segment: **N4 Stop-off Geographic Location**
Position: 520
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Required	N401	19	City Name Free-form text for city name	O AN 2/30
Required	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Required	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Required	N404	26	Country Code Code identifying the country	O ID 2/3

Example: N4*HARTFORD*CT*06614*USA~

Segment: **PER** Stop-off Administrative Communications Contact
Position: 540
Loop: N1 Optional
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 either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 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>
Optional	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact	M ID 2/2
Optional	PER02	93	Name Free-form name	O AN 1/60
Optional	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
Optional	PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Example: PER*CN*CROSS DOCK*TE*2175551234

Segment: **HL Hierarchical Level**
Position: 010
Loop: HL Optional (Recommended)
Level: Detail
Usage: Optional (Recommended)
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:
Semantic Notes:
Comments:

- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
- 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Mandatory	HL01	628	Hierarchical ID Number	M AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
Mandatory	HL03	735	Hierarchical Level Code	M ID 1/2
			Code defining the characteristic of a level in a hierarchical structure	
		9	Line Detail	

Example: HL*1*9~

Segment: **L7** **Tariff Reference**
Position: 090
Loop: HL Optional (Recommended)
Level: Detail
Usage: Optional (Must Use)
Max Use: 10
Purpose: To reference details of the tariff used to arrive at applicable rates or charge
Syntax Notes:
Semantic Notes:

- 1 L710 is the effective date.
- 2 In L715 and L716, "City" and "State" are used for rate combination city and state.

Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Required	L701	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
Required	L707	59	Freight Class Code Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.	O AN 2/5

Example: L7*1*****55~

Segment: **N9 Reference Identification - General Ledger Account Code**
Position: 100
Loop: HL Optional (Recommended)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
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:

This segment is used to transmit the General Ledger Account Code used for a Line Haul Line Item. If it is not included then the default Account Code will be applied to the Line Haul Line Item.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification GZ General Ledger Account	M ID 2/3
Required	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>General Ledger Account Code</i>	X AN 1/30

Example: N9*GZ*00W3~

Segment: **N9 Reference Identification - Stop Location Code**
Position: 100
Loop: HL Optional (Recommended)
Level: Detail
Usage: Optional
Max Use: 1
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:

*This segment is used to match a Line Haul Line Item with a Stop-off location. The N902 value should match the S501 value of the corresponding Stop-off location. A Line Haul Line Item going to the final Ship-To location should have a value of "9999".
If this segment is not included, the Line Haul Line Item will be defaulted as going to the final Ship-To location.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification 4C Shipment Destination Code	M ID 2/3
Optional	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Stop-off Location Code</i>	X AN 1/30

N9*4C*1~

Segment: **L5** Description, Marks and Numbers
Position: 130
Loop: HL Optional (Recommended)
Level: Detail
Usage: Optional (Must Use)
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.
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: *The L5 Segment is only required for Line Haul Line Items and is not required for Accessorial Charges.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Required	L501	213	Lading Line Item Number	Sequential line number for a lading item	O N0 1/3
Required	L502	79	Lading Description	Description of an item as required for rating and billing purposes	O AN 1/50
Optional	L503	22	Commodity Code	Code describing a commodity or group of commodities	X AN 1/30
Optional	L504	23	Commodity Code Qualifier	Code identifying the commodity coding system used for Commodity Code T Standard Transportation Commodity Code (STCC)	X ID 1/1
Optional	L506	87	Marks and Numbers	Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/48
Optional	L507	88	Marks and Numbers Qualifier	Code specifying the application or source of Marks and Numbers (87) SM Shipper Assigned	O ID 1/2

The L507 data element is used to transmit the Product ID of a Line Item. If it is not included, then the Product ID will be defaulted to the value contained in the L502 Lading Description.

Example: L5*1*CHEMICAL X*556982254*T**XG-785*SM~

Segment: **LH2** Hazardous Classification Information
Position: 132
Loop: HL Optional (Recommended)
Level: Detail
Usage: Optional
Max Use: 6
Purpose: To specify the hazardous notation and endorsement information
Syntax Notes:

- 1 If either LH206 or LH207 is present, then the other is required.
- 2 If either LH208 or LH209 is present, then the other is required.
- 3 If either LH210 or LH211 is present, then the other is required.

Semantic Notes:

- 1 LH206 and LH207 indicate the flashpoint temperature.
- 2 LH208 and LH209 indicate the control temperature.
- 3 LH210 and LH211 indicate the emergency temperature.

Comments:
Notes: *The LH2 segment is optional and is only used with Line Haul Line Items.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	LH201	215		Hazardous Classification The hazardous classification corresponding to the shipping name of the hazardous commodity	O ID 1/30
Optional	LH202	983		Hazardous Class Qualifier Code qualifying hazardous class Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
Optional	LH203	218		Hazardous Placard Notation The placard notation corresponding to the hazard class of the hazardous commodity	O ID 14/40

Example: LH2*UN1209*P*7-RADIOACTIVE MATERIAL// 1 TNK // 1993~

Segment: L0 Line Item - Quantity and Weight

Position: 145
Loop: L0 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: *When used for an Accessorial Charge, only the L001, L002, and L003 are required.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	L001	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
Required	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 <i>This data element is optional for a Line Haul Line Item, but is required by PowerTrack for an Accessorial Charge.</i>	X R 1/11
Required	L003	221	Billed/Rated-as Qualifier Code identifying the type of quantity or value on which the rate or item pricing is based <i>This data element is optional for a Line Haul Line Item, but is required by PowerTrack for an Accessorial Charge.</i>	X ID 2/2
			BA Barrels	
			BX Box	
			FR Flat Rate	
			GL Gallon	
			KG Kilogram	
			LB Pound	
			LR Liter	
			NC Car	
Required	L004	81	Weight Numeric value of weight <i>This data element is required by PowerTrack for a Line Haul Line Item if data element L006 is not used. It is not used for an Accessorial Charge.</i>	X R 1/10
Required	L005	187	Weight Qualifier Code defining the type of weight <i>This data element is required by PowerTrack for a Line Haul Line Item if data element L007 is not used. It is not used for an Accessorial Charge.</i>	X ID 1/2
			A1 Dimensional Weight	
			B Billed Weight	

			F	Deficit Weight	
			FR	Freight Weight	
			G	Gross Weight	
Optional	L006	183	Volume		X R 1/8
			Value of volumetric measure		
			<i>This data element is required by PowerTrack for a Line Haul Line Item if data element L004 is not used. It is not used for an Accessorial Charge.</i>		
Optional	L007	184	Volume Unit Qualifier		X ID 1/1
			Code identifying the volume unit		
			<i>This data element is required by PowerTrack for a Line Haul Line Item if data element L005 is not used. It is not used for an Accessorial Charge.</i>		
			C	Cubic Centimeters	
			E	Cubic Feet	
			G	Gallons	
			V	Liter	
Required	L008	80	Lading Quantity		X N0 1/7
			Number of units (pieces) of the lading commodity		
			<i>This data element is required by PowerTrack for a Line Haul Line Item. It is not used for an Accessorial Charge.</i>		
Required	L009	211	Packaging Form Code		X ID 3/3
			Code for packaging form of the lading quantity		
			<i>This data element is required by PowerTrack for a Line Haul Line Item. It is not used for an Accessorial Charge.</i>		
			BBL	Barrel	
			BOX	Box	
			CAN	Can	
			CNT	Container	
			CRT	Crate	
			CTN	Carton	
			DRM	Drum	
			PCS	Pieces	
			PLT	Pallet	
			SKD	Skid	

Line Haul Line Item Example: L0*1*900*LB*900*FR***4*DRM~

Accessorial Line Item Example: L0*2*1*FR~

Segment: **L1 Rate and Charges**
Position: 150
Loop: L0 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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 If either L102 or L103 is present, then the other is required.
2 At least one of L104 L105 or L106 is required.
3 If either L114 or L115 is present, then the other is required.
4 If either L117 or L118 is present, then the other is required.

Semantic Notes:
1 L119 is the percent used to determine the charge in L104.
2 L120, if used, indicates the currency for all monetary amounts in this L1 segment.
3 L121 is the origin rated as charge amount.

Comments:

Notes: *When sending Line Haul Line Item information, the L108 and L112 data elements are not used.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Required	L101	213 Lading Line Item Number Sequential line number for a lading item <i>Data element L101 is required for both Line Haul Line Items and for Accessorial Charges.</i>	O N0 1/3
Optional	L102	60 Freight Rate Rate that applies to the specific commodity <i>Data element L102 is only used for Line Haul Line Items, and is not required for Accessorial Charges.</i>	X R 1/9
Optional	L103	122 Rate/Value Qualifier Code qualifying how to extend charges or interpret value <i>Data element L103 is only used for Line Haul Line Items, and is not required for Accessorial Charges.</i>	X ID 2/2
		FR Flat Rate	
		KG Per Kilograms	
		LB Per Pound	
		PC Per Car	
		PF Per Cubic Foot	
		PG Per Gallon	
Required	L104	58 Charge For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified <i>Data element L104 is required for both Line Haul Line Items and for Accessorial Charges.</i>	X N2 1/12
Required	L108	150 Special Charge or Allowance Code Code identifying type of special charge or allowance <i>Data element L108 is required when sending an Accessorial Charge. It is not used for Line Haul Line Items.</i> Mandatory for Accessorial Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 3/3

Required **L112** **276** **Special Charge Description** **O** **AN 2/25**

Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

Data element L112 is optional when sending an Accessorial Charge. It is not used for Line Haul Line Items.

Line Haul Line Item Example: L1*1*.59*LB*53100~

Accessorial Line Item Example: L1*2*75*FR*7500****HAZ****HAZARDOUS CARGO CHARGE~

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 L312 is present, then L301 is required.
 - 5 If either L314 or L315 is present, then the other is required.
- Semantic Notes:**
- 1 L305 is the total charges.

Comments:

Notes: *If the L3 segment is not used, then weight and charge totals will be calculated based on the Line Haul Line Items and Accessorial Charges in the HL Loops.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Optional	L301	81	Weight	X R 1/10
			Numeric value of weight	
			<i>The L301 data element is used to display the total weight of the shipment.</i>	
Optional	L302	187	Weight Qualifier	X ID 1/2
			Code defining the type of weight	
			B Billed Weight	
			FR Freight Weight	
			G Gross Weight	
Optional	L305	58	Charge	O N2 1/12
			For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	

Example: L3*1800*FR***116850~

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>
Mandatory	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Mandatory	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 AN 4/9

Example: SE*51*500000002~

Example 858 Transaction:

ISA*00* *00* *ZZ*FI INDUSTRIES *12*8004171844 *020405*1344*U*00401*000000002*0*T*~>~
GS*SI*FI INDUSTRIES*8004171844*20020405*134439*000000002*X*004010~
ST*858*500000001~
BX*00*LT*PP*00987345*SCAC*L*B~
N9*CN*0009876~
C3*USD~
G62*10*20020512*4*1200~
G62*68*20020514*5*1700~
G62*86*20020512*8*0900~
R3*SCAC*B*****O~
N7*UDVJ*998533*3200*N***4500*E*****1400**L**MD***RV45~
M7*45688444*45688445~
N1*SH*HARTFORD*FA*4125STRAT~
N3*250 EAST MAIN ST~
N4*HARTFORD*CT*06614*USA~
PER*CN*TONY BLIX*TE*8001454568~
N1*ST*FI INC*FA*0000021894~
N3*2154 ENERGY PARK DRIVE~
N4*STRATFORD*CT*06614*USA~
PER*CN*FRONT DESK*TE*2155558799~
S5*1*PU~
G62*68*20020513*5*1100~
N1*CN*FI SUBSYSTEMS*FA*00021547~
N3*214 HWY 425 E~
N4*HARTFORD*CT*06614*USA~
PER*CN*CROSS DOCK*TE*2175551234~
HL*1*9~
L7*1*****85~
N9*GZ*00W3~
N9*4C*1~
L5*1*CHEMICAL X*556982254*T**XG-785*SM~
LH2*UN1209*P*7-RADIOACTIVE MATERIAL// 4 TNK // 1993~
L0*1*900*LB*900*FR***4*TNK~
L1*1*.59*LB*53100~
HL*2*9~
L7*2*****85~
N9*GZ*00Z5~
N9*4C*1~
L5*2*CHEMICAL X*556982254*T**XG-785*SM~
LH2*UN1209*P*7-RADIOACTIVE MATERIAL// 4 TNK // 1993~
L0*2*900*LB*900*FR***4*TNK~
L1*2*.59*LB*53100~
HL*3*9~
L0*3*2*FR~
L1*3*75*FR*15000****HAZ****HAZARDOUS CARGO CHARGE~
HL*4*9~
L0*4*1*FR~
L1*4*25*FR*2500****STP****STOP CHARGES~
HL*5*9~
L0*5*5.25*FR~
L1*5*5.25*FR*525****FUE****FUEL SURCHARGE~
L3*1800*FR***116850~
SE*51*500000001~
GE*000001*000000002~
IEA*00001*000000002~

Example 858 Transaction for Rating:

ISA*00* *00* *ZZ*FI INDUSTRIES *12*8004171844 *020405*1344*U*00401*000000003*0*T*~>~
GS*SI*FI INDUSTRIES*8004171844*20020405*134439*000000003*X*004010~
ST*858*500000001~
BX*00*LT*PP*00987345*SCAC*L*B~
N9*CN*0009876~
C3*USD~
G62*10*20020512*4*1200~
G62*68*20020514*5*1700~
G62*86*20020512*8*0900~
R3*SCAC*B*****O~
N7*UDVJ*998533*3200*N*****4500*E*****1400**L**MD***RV45~
M7*45688444*45688445~
N1*SH*HARTFORD*FA*4125STRAT~
N3*250 EAST MAIN ST~
N4*HARTFORD*CT*06614*USA~
PER*CN*TONY BLIX*TE*8001454568~
N1*ST*FI INC*FA*0000021894~
N3*2154 ENERGY PARK DRIVE~
N4*STRATFORD*CT*06614*USA~
PER*CN*FRONT DESK*TE*2155558799~
S5*1*PU~
G62*68*20020513*5*1100~
N1*CN*FI SUBSYSTEMS*FA*00021547~
N3*214 HWY 425 E~
N4*HARTFORD*CT*06614*USA~
PER*CN*CROSS DOCK*TE*2175551234~
HL*1**9~
L7*1*****85~
N9*GZ*00W3~
N9*4C*1~
L5*1*CHEMICAL X*556982254*T**XG-785*SM~
LH2*UN1209*P*7-RADIOACTIVE MATERIAL// 4 TNK // 1993~
L0*1*900*LB*900*FR***4*TNK~
HL*2**9~
L7*2*****85~
N9*GZ*00Z5~
N9*4C*9999~
L5*2*CHEMICAL X*556982254*T**XG-785*SM~
LH2*UN1209*P*7-RADIOACTIVE MATERIAL// 4 TNK // 1993~
L0*2*900*LB*900*FR***4*TNK~
HL*3**9~
L7*3*****55~
N9*GZ*00Z5~
N9*4C*9999~
L5*3*STEEL DRUMS*556982254*T**XG-785*SM~
L0*3*700*LB*700*FR***3*PLT~
L3*2500*FR~
SE*46*500000001~
GE*000001*000000003~
IEA*00001*000000003~