



EDI Specifications
X12 4010 210
Motor Carrier Freight Details and
Invoice



210 Motor Carrier Freight Details and Invoice

Functional Group ID=**IM**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

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	020	B3	Beginning Segment for Carrier's Invoice	M	1		
	040	C3	Currency	O	1		
	060	N9	Reference Identification	O	300		
	080	R3	Route Information - Motor	O	12		
LOOP ID - 0100						10	
	110	N1	Name	O	1		
	130	N3	Address Information	O	2		
	140	N4	Geographic Location	O	1		
LOOP ID - 0200						10	
	160	N7	Equipment Details	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 - 0400						9999	
	120	LX	Assigned Number	O	1		
	140	L5	Description, Marks and Numbers	O	30		
	170	L0	Line Item - Quantity and Weight	O	10		
	180	L1	Rate and Charges	O	10		
	200	L7	Tariff Reference	O	10		

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: 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>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 210 Motor Carrier Freight Details and Invoice	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **B3** Beginning Segment for Carrier's Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit basic data relating to the carrier's invoice
Syntax Notes: 1 If either B309 or B310 is present, then the other is required.
Semantic Notes: 1 B306 is the billing date.
 2 On collect freight bills the data in B309 will be the actual delivery date. For the shipments invoiced prior to delivery, the B309 will be the estimated date of delivery.
 3 If B314 is used, B304 will indicate the party or parties responsible for payment of the transportation terms identified in B314.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	B302	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
	B303	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) Should be the shipper's bill of lading number (BOL#), commonly found in the B204 segment of the EDI 204 or on the bill of lading paperwork.	O AN 1/30
M	B304	146	Shipment Method of Payment Code identifying payment terms for transportation charges CA Advance Collect CC Collect MX Mixed PA Advance Prepaid PP Prepaid (by Seller) TP Third Party Pay	M ID 2/2
	B305	188	Weight Unit Code Code specifying the weight unit Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
M	B306	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	B307	193	Net Amount Due Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified	M N2 1/12

	B308	202	Correction Indicator	O ID 2/2
			Code used to indicate that the transaction set contains information which corrects previous information	
			AD Adjustment of Previous Freight Bill Charges	
			CO Correction	
	B309	32	Delivery Date	X DT 8/8
			Date for delivery of cargo to final consignee or to next mode expressed in format CCYYMMDD	
M	B311	140	Standard Carrier Alpha Code	M ID 2/4
			Standard Carrier Alpha Code	
M	B312	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	

Segment: **C3** Currency
Position: 040
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.

Data Element Summary

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

Segment: **N9 Reference Identification**
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 300
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: Please send the PRO# with a CN qualifier.
Please send the premium freight number, if applicable, with a PF qualifier.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N901	Reference Identification Qualifier	M ID 2/3
	128	Code qualifying the Reference Identification	
		BD Bid Number	
		BH Lease Schedule Number - Blanket	
		BM Bill of Lading Number	
		BN Booking Number	
		CN Carrier's Reference Number (PRO/Invoice)	
		CR Customer Reference Number	
		CT Contract Number	
		EQ Equipment Number	
		IA Internal Vendor Number	
		IV Seller's Invoice Number	
		K1 Foreign Military Sales Notice Number	
		Number assigned to control a foreign military sales shipment from shipper to consignee	
		LT Lot Number	
		LU Location Number	
		LV License Plate Number	
		MB Master Bill of Lading	
		OB Ocean Bill of Lading	
		OC Ocean Container Number	
		OQ Order Number	
		Qualifies a code that identifies the authorizing documentation for a household goods	
		PF Prime Contractor Contract Number	
		PO Purchase Order Number	

SI	Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment
SN	Seal Number
ST	Store Number
VR	Vendor ID Number

N902	127	Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
N903	369	Free-form Description	X AN 1/45
		Free-form descriptive text	

Segment: **R3** Route Information - Motor
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: 12
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:

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	R301	140	Standard Carrier Alpha Code	M ID 2/4
			Standard Carrier Alpha Code	
M	R302	133	Routing Sequence Code	M ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	R304	91	Transportation Method/Type Code	O ID 1/2
			Code specifying the method or type of transportation for the shipment	
		6	Military Official Mail	
		7	Mail	
			Type of transportation provided by the U.S. Postal Service	
		A	Air	
		AR	Armed Forces Courier Service (ARFCOS)	
			A military organization whose mission involves the receipt, movement, and delivery of special categories of material	
		B	Barge	
		BP	Book Postal	
		BU	Bus	
		C	Consolidation	
		DW	Driveaway, Truckaway, Towaway	
			DoD policy includes all three terms in one. They mean collectively, a transportation method whereby a vehicle is moved under its own power by a driver, or loaded into or upon a carrier's equipment, or towed by carrier's equipment	
		E	Expedited Truck	

F	Flyaway When an aircraft is sold to a customer, the delivery flight (non-revenue) includes goods and products (such as spare parts) as part of the contract
HH	Household Goods Truck
I	Common Irregular Carrier
K	Backhaul
L	Contract Carrier
LA	Logair Air Force long-term contract airlift service within the continental United States for the movement of cargo in support of the logistics systems of the Military Services and Defense Agencies
LT	Less Than Trailer Load (LTL)
M	Motor (Common Carrier)
N	Private Vessel
O	Containerized Ocean
P	Private Carrier
R	Rail
RC	Rail, Less than Carload Movement by rail of a quantity of freight less than that required for the application of a carload rate
RR	Roadrailer Used for shipments that travel by roadrailer, i.e., a multimodal rail/highway trailer
S	Ocean
SE	Sea/Air
SR	Supplier Truck
SS	Steamship
ST	Stack Train
T	Best Way (Shippers Option)
TA	Towaway Service Movement of shipper owned trailers or semi-trailers loaded and/or pulled by carrier furnished power unit
TC	Cab (Taxi)
TT	Tank Truck
VE	Vessel, Ocean
VL	Vessel, Lake
W	Inland Waterway
WP	Water or Pipeline Intermodal Movement A water move by barge or tanker followed by a pipeline move to the destination

X Intermodal (Piggyback)

Segment: **N1** Name
Position: 110
Loop: 0100 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

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67) Refer to 004010 Data Element Dictionary for acceptable code values.	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	

Segment: **N3** Address Information
Position: 130
Loop: 0100 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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 140
Loop: 0100 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		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3

Segment: **N7** Equipment Details
Position: 160
Loop: 0200 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

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N701	206	Equipment Initial	O AN 1/4
		Prefix or alphabetic part of an equipment unit's identifying number	
M	N702	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)	
	N711	Equipment Description Code	O ID 2/2
		Code identifying type of equipment used for shipment Refer to 004010 Data Element Dictionary for acceptable code values.	
	N715	Equipment Length	O N0 4/5
		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)	

Segment: **LX** Assigned Number
Position: 120
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	LX01	554	Assigned Number	M NO 1/6
			Number assigned for differentiation within a transaction set	

Segment: **L5** Description, Marks and Numbers
Position: 140
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 30
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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</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	O AN 1/50
L503	22	Commodity Code Code describing a commodity or group of commodities	X AN 1/30
L504	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1

Segment: **L0** Line Item - Quantity and Weight
Position: 170
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 10
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: For accessorial charges, if not providing a standard charge code in the L108, please do not send any values in the L004 and L005.

Data Element Summary

<u>Ref. Des.</u>	<u>Data 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	X 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	X ID 2/2
		AR Appurtenance (Enhancements/Additions to Equipment)	
		BA Barrels Identifies a billable unit expressed as a type of container	
		BX Box	
		CC Cubic Centimeter	
		CF Cubic Foot	
		CM Centimeter	
		DK Kilometers	
		DM Miles	
		DR Drivers	

	Identifies a billable unit expressed as persons operating equipment
EA	Each
FR	Flat Rate
FT	Foot
GC	100 Gallons
GL	Gallon
KG	Kilogram
LB	Pound
LC	100 Pounds
LH	100 Liters
LR	Liter
MR	Mileage
MT	Measurement Ton
MV	Monetary Value
NB	Barge
NC	Car
ND	Cord
	A volume measurement
NG	Nights
	Identifies a billable unit expressed as nights; one night is the period between 6 p.m. of a given day to 6 a.m. of the next
NL	Load
NN	Train
NP	Piece
NR	Container
NT	Trailer
NU	Unit
	A specific measurement in rating shipments
NV	Vehicle
OR	Other
PK	Package
PR	Persons
	Identifies a billable unit expressed as persons performing an additional service other than the operation of equipment
RV	Release Value
SP	Stops
	Identifies a billable unit expressed as stops that are authorized as part of a shipment of goods
ST	Number of States
SY	Square Yards
TD	Days

		TH	Hours	
		TN	Tons	
			Identifies a billable unit expressed as short tons (2000 pounds)	
		TR	Time	
		VA	Actual Volume	
		VC	Chargeable Volume	
		VM	Volume Metric Unit	
L004	81	Weight		X R 1/10
		Numeric value of weight		
		For accessorial charges, if not providing a standard charge code in the L108, please do not send any values in the L004 and L005.		
L005	187	Weight Qualifier		X ID 1/2
		Code defining the type of weight		
		For accessorial charges, if not providing a standard charge code in the L108, please do not send any values in the L004 and L005.		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L006	183	Volume		X R 1/8
		Value of volumetric measure		
L007	184	Volume Unit Qualifier		X ID 1/1
		Code identifying the volume unit		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L008	80	Lading Quantity		X NO 1/7
		Number of units (pieces) of the lading commodity		
L009	211	Packaging Form Code		X ID 3/3
		Code for packaging form of the lading quantity		
		BAG	Bag	
		BAL	Bale	
		BDL	Bundle	
		BIN	Bin	
		BOX	Box	
		CAB	Cabinet	
		CAG	Cage	
		CAS	Case	
		CNT	Container	
		COL	Coil	
		CRT	Crate	
		CYL	Cylinder	
		DRM	Drum	
			A large container with a cylindrical shape; top may have removable or sealed top sides may be fiberboard or metal	

FRM	Frame
HRB	On Hanger or Rack in Boxes
KEG	Keg
LSE	Loose
LVN	Lift Van
PAL	Pail
PCK	Packed - not otherwise specified
PCS	Pieces
PKG	Package
PLN	Pipeline
PLT	Pallet
RCK	Rack
REL	Reel
ROL	Roll
SKD	Skid
TBE	Tube
TBN	Tote Bin
TNK	Tank
TUB	Tub

Segment: **L1** Rate and Charges
Position: 180
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 10
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: If possible, please provide standard EDI charge codes in the L108.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</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	X R 1/9
L103	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value	X ID 2/2
		AD Addition	
		CT Charge or Credit Based on Percentage of Total	
		IN Per Inch	
		KG Per Kilograms	
		KL Per Kiloliter	
		KP Per Kilometer	
		KT Per Kilotons	
		LA Per Pound Per Article	
		LB Per Pound	
		MN Minimum	
		PA Per Container	
		PB Per Barge	
		PC Per Car	
		PD Per Day	
		PE Per 20 Foot Equivalent (TEU)	
		PF Per Cubic Foot	
		PL Per Load	
		PM Per Mile	

PP	Per Piece
PQ	Per Period
PR	Per Hour
PS	Per Shipment
PT	Per Net Ton
PU	Per Unit
PW	Percentage of Charges
SP	Per Stop

- | | | | |
|-------------|------------|--|------------------|
| L104 | 58 | Charge | X 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 | |
| L108 | 150 | Special Charge or Allowance Code | O ID 3/3 |
| | | Code identifying type of special charge or allowance
Refer to 004010 Data Element Dictionary for acceptable code values. | |
| 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 | |

Segment: **L7** Tariff Reference
Position: 200
Loop: 0400 Optional
Level: Detail
Usage: Optional
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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
L701	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L702	168	Tariff Agency Code Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment	O ID 1/4
L703	171	Tariff Number Standard tariff number for the tariff which governs the rates applied to the commodity item(s)	O AN 1/7
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

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:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
L301	81	Weight	X R 1/10
		Numeric value of weight	
L302	187	Weight Qualifier	X ID 1/2
		Code defining the type of weight	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
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	
L309	183	Volume	X R 1/8
		Value of volumetric measure	
L310	184	Volume Unit Qualifier	X ID 1/1
		Code identifying the volume unit	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
L311	80	Lading Quantity	O N0 1/7
		Number of units (pieces) of the lading commodity	
L312	188	Weight Unit Code	O ID 1/1
		Code specifying the weight unit	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments	M NO 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	