

MERVYNS

**212 MOTOR CARRIER DELIVERY
TRAILER MANIFEST
Version: X12 4020**

Revision Date	Description	Version

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Motor Carrier Delivery Trailer Manifest

Functional Group=TM

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Delivery Trailer Manifest Transaction Set (212) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow motor carriers to provide consignees or other interested parties with the contents of a trailer, containing multiple shipments, that has been tendered for delivery. It is not to be used to provide the recipient with data relative to a full truckload shipment.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	ATA	Beginning Segment for Motor Carrier Delivery Trailer Manifest	M	1			Must use
030	B2A	Set Purpose	M	1			Must use
040	L11	Business Instructions and Reference Number	O	300			Used
LOOP ID - 0100					1	N1/050L	
050	N1	Name	M	1		N1/050	Must use
060	N2	Additional Name Information	O	1			Used
070	N3	Address Information	O	2			Used
080	N4	Geographic Location	O	1			Used
090	G61	Contact	O	1			Used
100	G62	Date/Time	O	1			Used
110	L11	Business Instructions and Reference Number	O	10			Used
LOOP ID - 0150					1	N1/120L	
120	AT7	Shipment Status Details	M	1		N1/120	Must use
130	G62	Date/Time	O	5			Used
140	MS1	Equipment, Shipment, or Real Property Location	O	1			Used
LOOP ID - 0160					1		
150	MS2	Equipment or Container Owner and Type	M	1			Must use
160	M7	Seal Numbers	O	1			Used
170	AT9	Trailer or Container Dimension and Weight	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - 0200					9999	N2/010L	
010	LX	Assigned Number	M	1		N2/010	Must use
020	L11	Business Instructions and Reference Number	M	10			Must use
030	BLR	Transportation Carrier Identification	O	1		N2/030	Used
040	MAN	Marks and Numbers	O	9999			Used
050	AT8	Shipment Weight, Packaging and Quantity Data	O	1			Used
060	G62	Date/Time	O	5			Used

070	TSD	Trailer Shipment Details	O	1	N2/070	Used
LOOP ID - 0210					999999	
080	SPO	Shipment Purchase Order Detail	M	1		Must use
090	SDQ	Destination Quantity	O	9999		Used
LOOP ID - 0220				1	N2/100L	
100	N1	Name	M	1	N2/100	Must use
110	N2	Additional Name Information	O	1		Used
120	N3	Address Information	O	2		Used
130	N4	Geographic Location	M	1		Must use
140	L11	Business Instructions and Reference Number	O	5		Used
150	SE	Transaction Set Trailer	M	1		Must use

Notes:

- 1/050L Loop 0100 provides the location where the carrier will deliver the trailer.
- 1/050 Loop 0100 provides the location where the carrier will deliver the trailer.
- 1/120L The AT7 segment provides the status of all of the shipments on the trailer.
- 1/120 The AT7 segment provides the status of all of the shipments on the trailer.
- 2/010L Loop 0200 provides the specific details concerning all of the shipments included in the manifest. There will be one iteration of loop 0200 for each shipment contained in the manifest. The most common way to identify the shipments is by the PRO number assigned by the carrier.
- 2/010 Loop 0200 provides the specific details concerning all of the shipments included in the manifest. There will be one iteration of loop 0200 for each shipment contained in the manifest. The most common way to identify the shipments is by the PRO number assigned by the carrier.
- 2/030 The BLR segment shall only be used when the carrier delivering the freight is not the carrier that picked up the freight. The pick-up carrier shall be identified by its Standard Carrier Alpha Code (SCAC).
- 2/070 For use of the TSD segment in transaction set 212 the only codes that can be used in TSD02 are as follows: 1 - indicates that the shipment is in the first quarter of the trailer (closest to the nose of the trailer); 2 - indicates that the shipment is in the second quarter of the trailer; 3 - indicates that the shipment is in the third quarter of the trailer; 4 - indicates that the shipment is in the fourth quarter of the trailer (closest to the rear door of the trailer).
- 2/100L Loop 0220 shall only be used to provide the identification of the shipper if the carrier has not provided that information in a previous shipment status message.
- 2/100 Loop 0220 shall only be used to provide the identification of the shipper if the carrier has not provided that information in a previous shipment status message.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

 Sample ST Segment(s)

ST*212*000000123~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		<u>Code</u>		<u>Name</u>		
		212		Motor Carrier Delivery Trailer Manifest		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

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

ATA Beginning Segment for Motor Carrier Delivery Trailer Manifest

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To transmit identifying numbers and other basic data relating to the Motor Carrier Delivery Trailer Manifest Transaction Set

Sample ATA Segment(s)

ATA*RDWY*073030902225646*20071030~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ATA01	140	Standard Carrier Alpha Code	M	ID	2/4	Must use
		Description: Standard Carrier Alpha Code				
ATA02	127	Reference Identification	M	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
ATA03	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				

Semantics:

1. ATA01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is delivering the trailer.
2. ATA02 is the delivery trailer manifest number assigned by the carrier.
3. ATA03 is the date that the delivery trailer manifest was created.

B2A Set Purpose

Pos: 030	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To allow for positive identification of transaction set purpose

 Sample B2A Segment(s)

B2A*00~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
B2A01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		<u>Code</u>		<u>Name</u>		
		00		Original		
B2A02	346	Application Type	O	ID	2/2	Used
		Description: Code identifying an application				

L11

Business Instructions and Reference Number

Pos: 040	Max: 300
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Sample L11 Segment(s)

L11*123456*ST~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L1101	127	Reference Identification	X	AN	1/30	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

L1102	128	Reference Identification Qualifier	X	ID	2/3	Used
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Description: Code qualifying the Reference Identification

L1103	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

Loop Name

Pos: 050	Repeat: 1
Optional	
Loop: 0100	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	N1	Name	M	1		Must use
060	N2	Additional Name Information	O	1		Used
070	N3	Address Information	O	2		Used
080	N4	Geographic Location	O	1		Used
090	G61	Contact	O	1		Used
100	G62	Date/Time	O	1		Used
110	L11	Business Instructions and Reference Number	O	10		Used

N1

Name

Pos: 050	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 6

User Option (Usage): Must use

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

Sample N1 Segment(s)

N1*ST*MERVYNS DISTRIBUTION CENTER*94*0996~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
N102	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N103	66	Identification Code Qualifier	M	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		<u>Code</u>		<u>Name</u>		
		94		Code assigned by the organization that is the ultimate destination of the transaction set		
N104	67	Identification Code	M	AN	2/80	Must use
		Description: Code identifying a party or other code				
N105	706	Entity Relationship Code	O	ID	2/2	Used
		Description: Code describing entity relationship				
N106	98	Entity Identifier Code	O	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				

Syntax Rules:

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

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

N2

Additional Name Information

Pos: 060	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Sample N2 Segment(s)

N2*DOCK#4~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3

Address Information

Pos: 070	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Sample N3 Segment(s)

N3*117 N MAIN ST*BIG MALL~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 080	Max: 1
Heading - Optional	
Loop: 0100	Elements: 6

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Sample N4 Segment(s)

N4*HAYWARD*CA*94541~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

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.

G61 Contact

Pos: 090	Max: 1
Heading - Optional	
Loop: 0100	Elements: 5

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

 Sample G61 Segment(s)

G61*CA*JIM~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6101	366	Contact Function Code	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
G6102	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
G6104	364	Communication Number	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable				
G6105	443	Contact Inquiry Reference	O	AN	1/20	Used
		Description: Additional reference number or description to clarify a contact number				

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

G62 Date/Time

Pos: 100	Max: 1
Heading - Optional	
Loop: 0100	Elements: 5

User Option (Usage): Used

Purpose: To specify pertinent dates and times

 Sample G62 Segment(s)

G62*01*20071023~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	X	ID	2/2	Used
		Description: Code specifying type of date				
G6202	373	Date	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
G6203	176	Time Qualifier	X	ID	1/2	Used
		Description: Code specifying the reported time				
G6204	337	Time	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
G6205	623	Time Code	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

L11

Business Instructions and Reference Number

Pos: 110	Max: 10
Heading - Optional	
Loop: 0100	Elements: 3

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Sample L11 Segment(s)

L11*123456*ST~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L1101	127	Reference Identification	X	AN	1/30	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

L1102	128	Reference Identification Qualifier	X	ID	2/3	Used
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Description: Code qualifying the Reference Identification

L1103	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

Loop Shipment Status Details

Pos: 120	Repeat: 1
Mandatory	
Loop: 0150	Elements: N/A

User Option (Usage): Must use

Purpose: To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
120	AT7	Shipment Status Details	M	1		Must use
130	G62	Date/Time	O	5		Used
140	MS1	Equipment, Shipment, or Real Property Location	O	1		Used
150		Loop 0160	O		1	Used

AT7 Shipment Status Details

Pos: 120	Max: 1
Heading - Mandatory	
Loop: 0150	Elements: 7

User Option (Usage): Must use

Purpose: To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

Sample AT7 Segment(s)

AT7*AV*NS***20071113*08450000*PT

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AT701	1650	Shipment Status Code	M	ID	2/2	Must use
		Description: Code indicating the status of a shipment				
		<u>Code</u>		<u>Name</u>		
		AV		Available for Delivery		
AT702	1651	Shipment Status or Appointment Reason Code	M	ID	2/2	Must use
		Description: Code indicating the reason a shipment status or appointment reason was transmitted				
AT703	1652	Shipment Appointment Status Code	X	ID	2/2	Used
		Description: Code indicating the status of an appointment to pick-up or deliver a shipment				
AT704	1651	Shipment Status or Appointment Reason Code	X	ID	2/2	Used
		Description: Code indicating the reason a shipment status or appointment reason was transmitted				
AT705	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
AT706	337	Time	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
AT707	623	Time Code	M	ID	2/2	Must use
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow				

Syntax Rules:

1. P0304 - If either AT703 or AT704 is present, then the other is required.

Semantics:

1. If AT701 is present, AT705 is the date the status occurred. If AT703 is present, AT705 is a date related to an appointment.
2. If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment.
3. If AT707 is not present then AT706 represents local time of the status.

G62

Date/Time

Pos: 130	Max: 5
Heading - Optional	
Loop: 0150	Elements: 5

User Option (Usage): Used

Purpose: To specify pertinent dates and times

 Sample G62 Segment(s)

G62*17*20071030~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	X	ID	2/2	Used
		Description: Code specifying type of date				
G6202	373	Date	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
G6203	176	Time Qualifier	X	ID	1/2	Used
		Description: Code specifying the reported time				
G6204	337	Time	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
G6205	623	Time Code	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

MS1 Equipment, Shipment, or Real Property Location

Pos: 140	Max: 1
Heading - Optional	
Loop: 0150	Elements: 7

User Option (Usage): Used

Purpose: To specify the location of a piece of equipment, a shipment, or real property in terms of city and state or longitude and latitude

Sample MS1 Segment(s)

MS1*CLEVELAND*OH*US~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MS101	19	City Name	X	AN	2/30	Used
		Description: Free-form text for city name				
MS102	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
MS103	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
MS104	1654	Longitude Code	X	ID	7/7	Used
		Description: Code indicating the longitude in degrees (3 positions), minutes (2 positions), and seconds (2 positions)				
MS105	1655	Latitude Code	X	ID	7/7	Used
		Description: Code indicating the latitude in degrees (3 positions), minutes (2 positions), seconds (2 positions)				
MS106	1280	Direction Identifier Code	O	ID	1/1	Used
		Description: Code identifying geographic direction				
MS107	1280	Direction Identifier Code	O	ID	1/1	Used
		Description: Code identifying geographic direction				

Syntax Rules:

1. L010203 - If MS101 is present, then at least one of MS102 or MS103 is required.
2. E0104 - Only one of MS101 or MS104 may be present.
3. C0201 - If MS102 is present, then MS101 is required.
4. C0301 - If MS103 is present, then MS101 is required.
5. P0405 - If either MS104 or MS105 is present, then the other is required.
6. C0604 - If MS106 is present, then MS104 is required.
7. C0705 - If MS107 is present, then MS105 is required.

Semantics:

1. MS104 is the longitude expressed in Degrees, Minutes, and Seconds.
2. MS105 is the latitude expressed in Degrees, Minutes, and Seconds.
3. MS106 may only be 'E' or 'W'.
4. MS107 may only be 'N' or 'S'.

Loop Equipment or Container Owner and Type

Pos: 150 Repeat: 1
Optional
Loop: 0160 Elements: N/A

User Option (Usage): Used

Purpose: To specify the owner, the identification number assigned by that owner, and the type of equipment

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
150	MS2	Equipment or Container Owner and Type	M	1		Must use
160	M7	Seal Numbers	O	1		Used
170	AT9	Trailer or Container Dimension and Weight	O	1		Used

MS2 Equipment or Container Owner and Type

Pos: 150	Max: 1
Heading - Mandatory	
Loop: 0160	Elements: 4

User Option (Usage): Must use

Purpose: To specify the owner, the identification number assigned by that owner, and the type of equipment

Sample MS2 Segment(s)

MS2*RDWY*559416*TL~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MS201	140	Standard Carrier Alpha Code	M	ID	2/4	Must use
		Description: Standard Carrier Alpha Code				
MS202	207	Equipment Number	M	AN	1/10	Must use
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)				
MS203	40	Equipment Description Code	M	ID	2/2	Must use
		Description: Code identifying type of equipment used for shipment				
MS204	761	Equipment Number Check Digit	O	N0	1/1	Used
		Description: Number which designates the check digit applied to a piece of equipment				

Comments:

1. MS203 identifies the type for the equipment specified in MS202.

M7

Seal Numbers

Pos: 160	Max: 1
Heading - Optional	
Loop: 0160	Elements: 5

User Option (Usage): Used

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

Sample M7 Segment(s)

M7*S12R~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
M701	225	Seal Number	M	AN	2/15	Must use
		Description: Unique number on seal used to close a shipment				
M702	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				
M703	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				
M704	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				
M705	98	Entity Identifier Code	O	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				

Comments:

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

AT9 Trailer or Container Dimension and Weight

Pos: 170	Max: 1
Heading - Optional	
Loop: 0160	Elements: 8

User Option (Usage): Used

Purpose: To specify trailer or container dimensions

Sample AT9 Segment(s)

AT9*02800*96*102*G*L*12000~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AT901	567	Equipment Length	O	N0	4/5	Used
		Description: Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)				
AT902	65	Height	O	R	1/8	Used
		Description: Vertical dimension of an object measured when the object is in the upright position				
AT903	189	Width	O	R	1/8	Used
		Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position				
AT904	187	Weight Qualifier	X	ID	1/2	Used
		Description: Code defining the type of weight				
AT905	188	Weight Unit Code	X	ID	1/1	Used
		Description: Code specifying the weight unit				
AT906	81	Weight	X	R	1/10	Used
		Description: Numeric value of weight				
AT907	184	Volume Unit Qualifier	X	ID	1/1	Used
		Description: Code identifying the volume unit				
AT908	183	Volume	X	R	1/8	Used
		Description: Value of volumetric measure				

Syntax Rules:

1. P040506 - If either AT904, AT905 or AT906 are present, then the others are required.
2. P0708 - If either AT907 or AT908 is present, then the other is required.

Semantics:

1. AT902 is the height of the trailer or container in inches.
2. AT903 is the width of the trailer or container in inches.
3. AT906 is the weight of the trailer or container. It is the tare weight of the trailer or container.
4. AT908 is the volumetric capacity of the trailer or container.

Loop Assigned Number

Pos: 010	Repeat: 9999
	Optional
Loop: 0200	Elements: N/A

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	LX	Assigned Number	M	1		Must use
020	L11	Business Instructions and Reference Number	M	10		Must use
030	BLR	Transportation Carrier Identification	O	1		Used
040	MAN	Marks and Numbers	O	9999		Used
050	AT8	Shipment Weight, Packaging and Quantity Data	O	1		Used
060	G62	Date/Time	O	5		Used
070	TSD	Trailer Shipment Details	O	1		Used
080		Loop 0210	O		999999	Used
100		Loop 0220	O		1	Used

LX

Assigned Number

Pos: 010	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Sample LX Segment(s)

LX*1~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	NO	1/6	Must use

Description: Number assigned for differentiation within a transaction set

L11

Business Instructions and Reference Number

Pos: 020	Max: 10
Detail - Mandatory	
Loop: 0200	Elements: 3

User Option (Usage): Must use

Purpose: To specify instructions in this business relationship or a reference number

Sample L11 Segment(s)

L11*2375459269*CN~

L11*196794*BM~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L1101	127	Reference Identification	M	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
L1102	128	Reference Identification Qualifier	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		<u>Code</u>		<u>Name</u>		
		BM		Bill of Lading Number		
		CN		Carrier's Reference Number (PRO/Invoice)		
L1103	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

BLR Transportation Carrier Identification

Pos: 030	Max: 1
Detail - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used

Purpose: To transmit the identifying SCAC code and effective date for the data in the transaction set

 Sample BLR Segment(s)

BLR*RDWY*20071023~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BLR01	140	Standard Carrier Alpha Code	M	ID	2/4	Must use
		Description: Standard Carrier Alpha Code				
BLR02	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				

Semantics:

1. BLR02 is the effective date of the data in this transaction set.

MAN Marks and Numbers

Pos: 040	Max: 9999
Detail - Optional	
Loop: 0200	Elements: 6

User Option (Usage): Used

Purpose: To indicate identifying marks and numbers for shipping containers

Sample MAN Segment(s)

MAN*GM*00123456789**CP*123456792~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2	Must use
		Description: Code specifying the application or source of Marks and Numbers (87)				
MAN02	87	Marks and Numbers	M	AN	1/48	Must use
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
MAN03	87	Marks and Numbers	O	AN	1/48	Used
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
MAN04	88	Marks and Numbers Qualifier	X	ID	1/2	Used
		Description: Code specifying the application or source of Marks and Numbers (87)				
MAN05	87	Marks and Numbers	X	AN	1/48	Used
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
MAN06	87	Marks and Numbers	O	AN	1/48	Used
		Description: Marks and numbers used to identify a shipment or parts of a shipment				

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:

1. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2. MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers.
3. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

AT8 Shipment Weight, Packaging and Quantity Data

Pos: 050	Max: 1
Detail - Optional	
Loop: 0200	Elements: 7

User Option (Usage): Used

Purpose: To specify shipment details in terms of weight, and quantity of handling units

Sample AT8 Segment(s)

AT8*G*L*3000*5*4~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AT801	187	Weight Qualifier	X	ID	1/2	Used
		Description: Code defining the type of weight				
AT802	188	Weight Unit Code	X	ID	1/1	Used
		Description: Code specifying the weight unit				
AT803	81	Weight	X	R	1/10	Used
		Description: Numeric value of weight				
AT804	80	Lading Quantity	O	N0	1/7	Used
		Description: Number of units (pieces) of the lading commodity				
AT805	80	Lading Quantity	O	N0	1/7	Used
		Description: Number of units (pieces) of the lading commodity				
AT806	184	Volume Unit Qualifier	X	ID	1/1	Used
		Description: Code identifying the volume unit				
AT807	183	Volume	X	R	1/8	Used
		Description: Value of volumetric measure				

Syntax Rules:

1. P010203 - If either AT801, AT802 or AT803 are present, then the others are required.
2. P0607 - If either AT806 or AT807 is present, then the other is required.

Semantics:

1. AT804 is the quantity of handling units that are not unitized (for example a carton). When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
2. AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.

G62

Date/Time

Pos: 060	Max: 5
Detail - Optional	
Loop: 0200	Elements: 5

User Option (Usage): Used

Purpose: To specify pertinent dates and times

 Sample G62 Segment(s)

G62*17*20071030~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	X	ID	2/2	Used
		Description: Code specifying type of date				
G6202	373	Date	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
G6203	176	Time Qualifier	X	ID	1/2	Used
		Description: Code specifying the reported time				
G6204	337	Time	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
G6205	623	Time Code	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

TSD Trailer Shipment Details

Pos: 070	Max: 1
Detail - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used

Purpose: To specify details of shipments on a trailer

 Sample TSD Segment(s)

TSD*1~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TSD01	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
TSD02	219	Position	O	AN	1/3	Used
		Description: Relative position of shipment in car, trailer, or container (mutually defined)				

Semantics:

1. TSD01 indicates the loading sequence and relative shipment position on the trailer.

Loop Shipment Purchase Order Detail

Pos: 080	Repeat: 999999
Optional	
Loop: 0210	Elements: N/A

User Option (Usage): Used

Purpose: To specify the purchase order details for a shipment

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
080	SPO	Shipment Purchase Order Detail	M	1		Must use
090	SDQ	Destination Quantity	O	9999		Used

SPO Shipment Purchase Order Detail

Pos: 080	Max: 1
Detail - Mandatory	
Loop: 0210	Elements: 8

User Option (Usage): Must use
Purpose: To specify the purchase order details for a shipment

 Sample SPO Segment(s)

SPO*0000-0332872-0997*000*CT*112*L*636~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SPO01	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
SPO02	127	Reference Identification	O	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
SPO03	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<u>Code</u>		<u>Name</u>		
		CT		Carton		
SPO04	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
SPO05	188	Weight Unit Code	M	ID	1/1	Must use
		Description: Code specifying the weight unit				
		<u>Code</u>		<u>Name</u>		
		L		Pounds		
SPO06	81	Weight	M	R	1/10	Must use
		Description: Numeric value of weight				
SPO07	647	Application Error Condition Code	O	ID	1/3	Used
		Description: Code indicating application error condition				
SPO08	127	Reference Identification	O	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. P0506 - If either SPO05 or SPO06 is present, then the other is required.

Semantics:

1. SPO02 is the department number.
2. SPO04 is the total quantity for the purchase order.
3. SPO06 is the total weight for the purchase order.
4. SPO07 indicates the data error condition relative to the shipment management information.
5. SPO08 is used to specify sorting and/or segregating reference numbers for each receiving location (processing

area).

SDQ Destination Quantity

Pos: 090	Max: 9999
Detail - Optional	
Loop: 0210	Elements: 23

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Sample SPO Segment(s)

SDQ*CT*92*142*100~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SDQ02	66	Identification Code Qualifier	O	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
SDQ03	67	Identification Code	M	AN	2/80	Must use
		Description: Code identifying a party or other code				
SDQ04	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
SDQ05	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ06	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ07	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ08	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	X	R	1/15	Used

		Description: Numeric value of quantity				
SDQ15	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ16	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ18	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ20	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ21	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ22	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ23	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Loop Name

Pos: 100	Repeat: 1
Mandatory	
Loop: 0220	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
100	N1	Name	M	1		Must use
110	N2	Additional Name Information	O	1		Used
120	N3	Address Information	O	2		Used
130	N4	Geographic Location	M	1		Must Use
140	L11	Business Instructions and Reference Number	O	5		Used

N1

Name

Pos: 100	Max: 1
Detail - Mandatory	
Loop: 0220	Elements: 6

User Option (Usage): Must use

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

 Sample N1 Segment(s)

N1*SF*VENDOR NAME~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		<u>Code</u>		<u>Name</u>		
		SF		Ship From		
N102	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
N104	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
N105	706	Entity Relationship Code	O	ID	2/2	Used
		Description: Code describing entity relationship				
N106	98	Entity Identifier Code	O	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				

Syntax Rules:

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

Comments:

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

N2

Additional Name Information

Pos: 110	Max: 1
Detail - Optional	
Loop: 0220	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Sample N2 Segment(s)

N2*DOCK #4~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3

Address Information

Pos: 120	Max: 2
Detail - Optional	
Loop: 0220	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Sample N3 Segment(s)

N3*117N MAIN ST*SUITE 100~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 130	Max: 1
Detail - Mandatory	
Loop: 0220	Elements: 6

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Sample N4 Segment(s)

N4*HAYWARD*CA*94541~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

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.

L11

Business Instructions and Reference Number

Pos: 140	Max: 5
Detail - Optional	
Loop: 0220	Elements: 3

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Sample L11 Segment(s)

L11*2375459265*CN~

L11*196788*BM~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L1101	127	Reference Identification	X	AN	1/30	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

L1102	128	Reference Identification Qualifier	X	ID	2/3	Must use
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Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
BM	Bill of Lading Number
CN	Carrier's Reference Number (PRO/Invoice)

L1103	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

SE Transaction Set Trailer

Pos: 150	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

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

Sample SE Segment(s)

SE*26*000000123~

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

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

Sample data

ST*212*000000183~
ATA*RDWY*073132246114725*20071113~
B2A*05~
N1*ST*MERVYNS DISTRIBUTION CENTER*94*0996~
AT7*AV*NS***20071109*08470000*PT~
MS2*RDWY*281341*TL~
LX*1~
L11*1049589265*CN~
L11*00986170000719095*BM~
SPO*0000380544*950*CT*49*L*280~
N1*SF*VENDOR NAME~
N4*NEW YORK CITY*NY*12010~
LX*2~
L11*1539763711*CN~
L11*07378990110012581*BM~
SPO*0000386188**CT*211*L*2847~
N1*SF*VENDOR NAME~
N4*HAYWARD*CA*94541~
LX*3~
L11*5693666624*CN~
L11*300240*BM~
L11*300213*BM~
SPO*0000390563**CT*101*L*412~
SPO*0000390497**CT*84*L*276~
N1*SF*VENDOR NAME~
N4*OAKLAND*CA*94596~
SE*27*000000183~