MERVYNS

223 Consolidators Freight Bill and Invoice

Version: X12 4020

Table of Contents

223 Consolidators Freight Bill and Invoice

Functional Group=MQ

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Consolidators Freight Bill and Invoice Transaction Set (223) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a freight consolidator to transmit invoice and freight bill data to the appropriate party. The freight bill services may be provided by the consolidator or a motor carrier unrelated to the consolidator. This transaction shall not be used to transmit freight bill data without consolidator's invoice data.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	B3A	Invoice Type	M	1			Must use
0300	B2A	Set Purpose	M	1			Must use
LOOP ID - 0100			-	-	**10**	-	-
0400	N1	Name	M	1			Must use
LOOP ID - 0200			-	-	**10**	-	-
0900	N7	Equipment Details	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 4000			-	-	**9999**	-	-
0100	LX	Assigned Number	M	1			Must use
0200	CSD	Consolidated Shipment Invoice Data	M	5			Must use
LOOP ID - 4500			-	-	**999**	-	-
0500	N1	Name	M	1			Must use
0700	N3	Address Information	O	2			Used
0800	N4	Geographic Location	O	1			Used
0900	L11	Business Instructions and Reference Number	O	10			Used
1000	CSD	Consolidated Shipment Invoice Data	O	20			Used
LOOP ID - 4520			-	-	**9999**	-	-
1100	SPO	Shipment Purchase Order Detail	O	1			Used
1300	SE	Transaction Set Trailer	M	1			Must use

ST   Transaction Set Header

<div style="float:right">

Pos: 0100   Max: 1
  Heading - Mandatory
Loop: N/A   Elements: 2

</div>

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*223*850809~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code	Name
223	Consolidators Freight Bill and Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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) 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).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

B3A   Invoice Type

Pos: 0200   **Max: 1**
Heading - Mandatory
Loop: N/A   **Elements: 2**

User Option (Usage): Must use
Purpose: To indicate type of invoice and number of shipments

****
Sample B3A Segment(s)

B3A*X1*22~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B3A01	640	**Transaction Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of transaction

Code	Name
X1	Consolidator's Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B3A02	21	**Number of Shipments**	O	N0	1/5	Used

Description: Total number of shipments on this transaction

Comments:

1. B3A02 is the number of shipments invoiced.

B2A   Set Purpose

User Option (Usage): Must use
Purpose: To allow for positive identification of transaction set purpose

****

Sample B2A Segment(s)

B2A*SU~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B2A01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

Code	Name
00	Original
33	Request for Payment
SU	Status Update

Loop 0100

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Name	M	1		Must use

N1   Name

<div style="border:1px solid">
Pos: 0400   Max: 1
Heading - Mandatory
Loop: 0100   Elements: 4
</div>

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

****

Sample N1 Segment(s)

N1*SF*UWDC*93*UWDC~
N1*ST**94*0996~

****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
SF	Ship From
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name
Optional when N103='93' or '94'

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

Code designating the system/method of code structure used for Identification Code (67)

'93' is the qualifier for a Consolidator's SCAC.
'94' is the qualifier for a Mervyns Corporation location. This is followed in the N104 with a DC number or Store number.
When an N103 qualifier is used, it is not necessary to send the address of the Mervyns Corporation location or Consolidator.

Code	Name
93	Code assigned by the organization originating the transaction set
94	Code assigned by the organization that is the ultimate destination of the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code
When N103='93', this will be the Consolidator's SCAC.
When N103='94', this will be the Mervyns Corporation location # (DC or Store)

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.

Loop 0200

<table>
<tr><td>Pos: 0900</td><td>Repeat: 10</td></tr>
<tr><td colspan="2">Optional</td></tr>
<tr><td>Loop: 0200</td><td>Elements: N/A</td></tr>
</table>

User Option (Usage): Used
Purpose: To identify the equipment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0900	N7	Equipment Details	M	1		Must use

N7   Equipment Details

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

****

Sample N7 Segment(s)

N7*KNIG*70099*113*B~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N701	206	**Equipment Initial**	O	AN	1/4	Used
		Description: Prefix or alphabetic part of an equipment unit's identifying number				
N702	207	**Equipment Number**	M	AN	1/10	Must use
		Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)				
N703	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
N704	187	**Weight Qualifier**	X	ID	1/2	Used
		Description: Code defining the type of weight				

Code	Name
B	Billed Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N705	167	**Tare Weight**	X	N0	3/8	Used
		Description: Weight of the equipment				
N706	232	**Weight Allowance**	O	N0	2/6	Used
		Description: Allowance made for increased weight due to such factors as snow				
N707	205	**Dunnage**	O	N0	1/6	Used
		Description: Weight of material used to protect lading (even bracings, false floors, etc.)				
N708	183	**Volume**	X	R	1/8	Used
		Description: Value of volumetric measure				
N709	184	**Volume Unit Qualifier**	X	ID	1/1	Used
		Description: Code identifying the volume unit **All valid standard codes are used.**				

Syntax Rules:

1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

Comments:

1. N701 is mandatory for rail transactions.

Loop 4000

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	LX	Assigned Number	M	1		Must use
0200	CSD	Consolidated Shipment Invoice Data	M	5		Must use
0500		Loop 4500	O		999	Used

LX   Assigned Number

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

****

Sample LX Segment(s)

LX*1~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

CSD   Consolidated Shipment Invoice Data

<table>
<tr><td>Pos: 0200</td><td>Max: 5</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: 4000</td><td>Elements: 9</td></tr>
</table>

User Option (Usage): Must use
Purpose: To specify the data relative to carrier invoices on consolidated shipments

****

Sample CSD Segment(s)

CSD*HAN*Y5*123456789*CC*20000404*20000404*200~
CSD*LHS*CN*232323232*PP*20000404*20000404*0*SCAC*12345678912345678~

1st occurrence of this segment holds the total due for all HAN charges in Loop 4500 and identifies the manifest number.
2nd occurrence of this segment contains linehaul carrier information.
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD01	152	**Special Handling Code**	M	ID	2/3	Must use

Description: Code specifying special transportation handling instructions

Code	Name
HAN	Handling

Cross-dock consolidation service

Code	Name
LHS	Linehaul Service

Description: *The additional service charge or order for a transportation carrier to provide special linehaul services; i.e. to or from a temporary storage site, for used household goods not included in the normal transportation from origin to destination locations*

Outbound linehaul service by TL or LTL carrier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD02	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code	Name
CN	Carrier's Reference Number (PRO/Invoice)

Use to identify the TL linehaul carrier pro number.

Code	Name
Y5	Delivery Trailer Manifest

Description: *Unique identification number assigned by the delivery carrier or an agent for that carrier*

Use to identify the consolidator's manifest number.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD03	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
Manifest/Release # or TL linehaul carrier pro number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD04	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

Code	Name
CC	Collect
PP	Prepaid (by Seller)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD05	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
For the LHS occurrence, this is the date the trailer is picked up by the linehaul carrier.
For the HAN occurrence, this is the date the trailer is released from consolidation for pickup by the linehaul carrier.

CSD06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
Same as CSD05.

CSD07	58	**Charge**	M	N2	1/12	Must use

Description: 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
Charges may be 0.

CSD08	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used

Description: Standard Carrier Alpha Code
For HAN=Consolidator SCAC
For LHS=Linehaul Carrier SCAC

CSD09	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
For LHS=Bill of Lading for outbound move

Semantics:

1. If CSD01 is code "SI", then CSD05 is the date the carrier picked up the shipment from the shipper.
2. If CSD01 is code "HAN", then CSD05 is the date the shipment delivered to the consolidator.
3. If CSD01 is code "LHS", then CSD05 is the date the carrier picked up the shipment from the consolidator.
4. If CSD01 is code "SI", then CSD06 is the date the carrier delivered the shipment to the consolidator.
5. If CSD01 is code "HAN", then CSD06 is the date the carrier picked up the shipment from the consolidator.
6. If CSD01 is code "LHS", then CSD06 is the date the carrier delivered the shipment to the consignee.
7. CSD07 are the total charges related to the reference number in CSD03.
8. CSD08 is the Standard Carrier Alpha Code (SCAC) of the carrier providing the service referenced in CSD01.
9. CSD09 is a unique control number assigned and controlled by the original shipper to identify a specific shipment.

Comments:

1. The only valid codes for data element 152 in segment CSD are "SI", "HAN", and "LHS".

Loop 4500

Pos: 0500   Repeat: 999
Optional
Loop: 4500   Elements: N/A

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Name	M	1		Must use
0700	N3	Address Information	O	2		Used
0800	N4	Geographic Location	O	1		Used
0900	L11	Business Instructions and Reference Number	O	10		Used
1000	CSD	Consolidated Shipment Invoice Data	O	20		Used
1100		Loop 4520	O		9999	Used

N1   Name

Pos: 0500   **Max: 1**
Detail - Mandatory
Loop: 4500   **Elements: 4**

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

****

Use loops 4500 & 4520 to convey shipper, advance and cross docking information for each PO on the manifest. You must use N1, N3 and N4 segments for vendor shipments. For shipments from a Mervyns Corporation location, you must use N103 and N104 to send the location number.

Sample N1 Segment(s)

N1*SH*IMPORTS~
This starts the looping of the vendor shipments on a trailer. These should be in load order.
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
SF	Ship From
SH	Shipper

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

'93' is the qualifier for a Consolidator's SCAC.
'94' is the qualifier for a Mervyns Corporation location. This is followed in the N104 with a DC number or Store number.
When an N103 qualifier is used, it is not necessary to send the address of the Mervyns Corporation location or Consolidator.

Code	Name
93	Code assigned by the organization originating the transaction set
94	Code assigned by the organization that is the ultimate destination of the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code
When N103='94', this will be the Mervyns Corporation location # (DC or Store)

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.

N3   Address Information

Pos: 0700   **Max: 2**
Detail - Optional
Loop: 4500   **Elements: 2**

User Option (Usage): Used
Purpose: To specify the location of the named party

****
Sample N3 Segment(s)

N3*425 S. PALOS VERDES STREET~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
		Shipper street address				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4   Geographic Location

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

****

Sample N4 Segment(s)

N4*SAN PEDRO*CA*90731~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
		Shipper city				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
		Shipper state				
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)				
		Shipper postal code				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.

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: 0900	**Max: 10**
Detail - Optional	
Loop: 4500	**Elements: 3**

User Option (Usage): Used
Purpose: To specify instructions in this business relationship or a reference number

****
Sample L11 Segment(s)

L11*CMDUXMAP000178*PC*200~
L11*22222222*PC*542~
L11*22222222*WT*2999~
L11*00122225*SI ~
L11*E*VE ~
L11*4000*KL*CWT~
L11*2500*KL*SPU~

Use the L11 to convey information about the advance move from vendor to consolidator. This includes total pieces, weight rate codes, dollars due for the entire advance, and Bill of Lading information.
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
Use this field to:
1. Reference the advance pro number for the pieces or weight in the L1102 and L1103. For import shipments, reference the Ocean Bill of Lading or the House Airway Bill number.
2. Identify the Vendor's Shipment ID Number using the SI code in L1102.
3. Identify which method the vendor used to send their Bill of Lading information.
E = Vendor sent electronically
V = Vendor used VICS Bill of Lading form
N = Vendor used other Bill of Lading form
4. Identify the charge for the rate types (base or accessorial) of the entire advance (not just the portion of the advance loaded on this manifest) in the L1102 and L1103.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification

Code	Name
KL	Contract Reference
	Use to identify a rate type for the advance move base or accessorial charge in L1101.
PC	Production Code
	Use to identify pieces for the entire advance (not just the portion of the advance loaded on this manifest).
SI	Shipper's Identifying Number for Shipment (SID)
	Description: *A unique number (to the shipper) assigned by the shipper to identify the shipment*
	This is the Mervyns Corporation Shipment ID Number assigned to the vendor for his shipment.
VE	Vendor Abbreviation Code
	Use to indicate how the vendor sent PO/BOL information.
WT	Broker's Reference Number
	Use to identify weight of the entire advance (not just the portion of the advance loaded on this manifest).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1103	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content
1. Use the following code descriptions in the first three spaces of L1103 to indicate rate types

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.

CSD Consolidated Shipment Invoice Data

Pos: 1000   **Max: 20**
Detail - Optional
Loop: 4500   **Elements: 9**

User Option (Usage): Used
Purpose: To specify the data relative to carrier invoices on consolidated shipments

****
You must send a Bill of Lading number in CSD09 when the CSD01 = SI.

Sample CSD Segment(s)

CSD*SI*CN*CMDUXMAP000178*PP*20070313*20070314*00*CMDU*18512~
CSD*SI*CN*22222222*CC*20000404*20000404*6500*CNAD*12445674125964125~
CSD*HAN*U0*98765*CC*20000404*20000404*200*CONS~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD01	152	**Special Handling Code**	M	ID	2/3	Must use

Description: Code specifying special transportation handling instructions

Code	Name
SI	Ship to Cross Dock or Pool
	advance move (vendor to consolidator)
HAN	Handling
	cross dock/consolidation service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD02	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code	Name
CN	Carrier's Reference Number (PRO/Invoice)
	pro number of the advance - use in the SI occurrence
U0	Consolidator's Receipt Number
	consolidator's receipt number - use in the HAN occurrence

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD03	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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD04	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

Code	Name
CC	Collect
	Collect terms for CSD01 service.
PP	Prepaid (by Seller)
	Prepaid terms for CSD01 service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD05	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
Must use for SI
1. for SI occurrence of domestic PO's, this is the pickup or ship date for the advance move from the vendor to the consolidator.
2. for SI occurrence of import PO's, this is the paperwork clearance/delivery authorization (DAD) date.
3. for HAN occurrences, this is the date the advance is delivered to the consolidator.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSD06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
Must use for SI

		1. for SI (domestic & imports) occurrence, this is the date the advance is delivered to the consolidator. *2. for HAN occurrence, this is the date the manifest is released to the outbound linehaul carrier*				
CSD07	58	**Charge**	M	N2	1/12	Must use
		Description: 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				
		1. for the SI occurrence, this is the total charge for the entire advance move and should be equal to the L1101 charges above for the base and any accessorial rates and charges. *2. for HAN occurrences, this is the cross dock/consolidation service charge for only the purchase orders for the advance which are physically loaded on this manifest/trailer.*				
CSD08	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
		Must use for SI *1. for SI occurrences, this is the SCAC of the advance carrier.* *2. for HAN occurrences, this is the SCAC of the Consolidator*				
CSD09	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				
		Must use for SI *1. for domestic SI occurrences, this is the vendor's Bill of Lading.* *2. for import shipments, this is the same reference number used for the Bill of Lading (BOL) in the domestic 856.*				

Semantics:

1. If CSD01 is code "SI", then CSD05 is the date the carrier picked up the shipment from the shipper.
2. If CSD01 is code "HAN", then CSD05 is the date the shipment delivered to the consolidator.
3. If CSD01 is code "LHS", then CSD05 is the date the carrier picked up the shipment from the consolidator.
4. If CSD01 is code "SI", then CSD06 is the date the carrier delivered the shipment to the consolidator.
5. If CSD01 is code "HAN", then CSD06 is the date the carrier picked up the shipment from the consolidator.
6. If CSD01 is code "LHS", then CSD06 is the date the carrier delivered the shipment to the consignee.
7. CSD07 are the total charges related to the reference number in CSD03.
8. CSD08 is the Standard Carrier Alpha Code (SCAC) of the carrier providing the service referenced in CSD01.
9. CSD09 is a unique control number assigned and controlled by the original shipper to identify a specific shipment.

Comments:

1. The only valid codes for data element 152 in segment CSD are "SI", "HAN", and "LHS".

Loop 4520

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1100	SPO	Shipment Purchase Order Detail	O	1		Used

SPO   Shipment Purchase Order Detail

Pos: 1100	**Max: 1**
Detail - Optional	
Loop: 4520	**Elements: 6**

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

****

Sample SPO Segment(s)

SPO*0000246293**CT*135*L*8~
SPO*XP12345**CT*11*L*110~
List purchase orders from the advance which are loaded on this trailer.
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SPO01	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser
Mervyns Corporation has two (2) retail purchase order # formats:
1. Department #/Purchase Order #/Location #
2. Department #/Purchase Order #
Examples: 0038-0991127-0551 or 0038-0991127
003809911270551 or 00380991127
3. Expense PO format examples
For Mervyns Corporation expense shipments, the Mervyns Corporation order number formats are:
XX123456, XX12345, XX1234
XX= 2 letter alpha codes such as XP, CP, NP, VP, QP, MX, and PO.
123456, 12345, 1234= 4, 5, or 6 digit number
4. For Mervyns Corporation Transfer shipments use the authorization or transfer number given as the order number (multiple formats, usually numeric).
5. If no PO# is available, fill with "NS"

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SPO02	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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SPO03	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code	Name
CT	Carton
PC	Piece
PL	Pallet/Unit Load
S9	Slip Sheet

Description: *A cardboard platform used for holding product for storage or transportation*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SPO04	380	**Quantity**	X	R	1/15	Used

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SPO05	188	**Weight Unit Code**	X	ID	1/1	Used

Description: Code specifying the weight unit

Code	Name
L	Pounds

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SPO06	81	**Weight**	X	R	1/10	Used

Description: Numeric value of weight

Syntax Rules:

1. P0304 - If either SPO03 or SPO04 is present, then the other is required.
2. 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.

SE   Transaction Set Trailer

<div style="border:1px solid black">

Pos: 1300   Max: 1
Detail - Mandatory
Loop: N/A   Elements: 2

</div>

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)

****

Sample SE Segment(s)

SE*186*850809~
****

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.