

# **940 Warehouse Shipping Order**

X12/V3040/940

**Version: 1.0**

<b>Company:</b>	<b>Simplot Australia</b>
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# 940 Warehouse Shipping Order

## Functional Group=OW

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

### 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	W05	Shipping Order Identification	M	1			Must use
<b>LOOP ID - 0100</b>					<b>10</b>		
040	N1	Name	M	1			Must use
050	N2	Additional Name Information	O	1			Used
060	N3	Address Information	O	2			Used
070	N4	Geographic Location	O	1			Used
090	N9	Reference Number	O	10			Used
100	G61	Contact	O	3			Used
110	G62	Date/Time	O	10			Used
120	NTE	Note/Special Instruction	O	20			Used
130	W09	Equipment and Temperature	O	1			Used
140	W66	Warehouse Carrier Information	O	1			Used
150	W6	Special Handling Information	O	1			Used
<b>LOOP ID - 0200</b>					<b>10</b>		
160	LM	Code Source Information	O	1			Used
170	LQ	Industry Code	M	100			Must use

### 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>
<b>LOOP ID - 0300</b>					<b>&gt;1</b>		
020	W01	Line Item Detail - Warehouse	O	1			Used
030	G69	Line Item Detail - Description	O	5			Used
040	N9	Reference Number	O	200			Used
050	W20	Line Item Detail- Miscellaneous	O	3			Used
060	AT	Financial Accounting	O	1			Used
070	QTY	Quantity	O	10			Used
080	AMT	Monetary Amount	O	1			Used
090	G62	Date/Time	O	10			Used
100	G66	Transportation Instructions	O	1			Used

<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>
110	N1	Name	O	3			Used
<b><u>LOOP ID - 0310</u></b>					<b><u>10</u></b>		
120	LM	Code Source Information	O	1			Used
130	LQ	Industry Code	M	100			Must use
<b><u>LOOP ID - 0320</u></b>					<b><u>&gt;1</u></b>	<b><u>N2/140L</u></b>	
140	LX	Assigned Number	O	1			Used
150	N9	Reference Number	O	>1			Used
160	G62	Date/Time	O	10			Used
170	N1	Name	O	1			Used
<b><u>LOOP ID - 0321</u></b>					<b><u>10</u></b>		
180	LM	Code Source Information	O	1			Used
190	LQ	Industry Code	M	100			Must use

**Summary:**

<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	W76	Total Shipping Order	O	1			Used
020	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

2/140L The LX loop conveys serial number data.

# 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

## 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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set.						
<b>All valid standard codes are used. (Total Codes: 236)</b>						
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> 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).

# W05 Shipping Order Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

**User Option (Usage):** Must use

**Purpose:** To transmit identifying numbers and other basic data for this transaction set

## 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>
W0501	473	<b>Order Status Code</b>	M	ID	1/1	Must use
		<b>Description:</b> Code identifying purpose of transaction set. <b>All valid standard codes are used. (Total Codes: 11)</b>				
W0502	285	<b>Depositor Order Number</b>	M	AN	1/22	Must use
		<b>Description:</b> Identifying number for warehouse shipping order assigned by the depositor.				
W0503	324	<b>Purchase Order Number</b>	O	AN	1/22	Used
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser.				
W0504	472	<b>Link Sequence Number</b>	X	N0	6/6	Used
		<b>Description:</b> A two-part number in the form `SSSTT` where `SSS` is a sequentially assigned number and `TTT` equals the highest sequential number being used within the associated (linked) group. (Leading zeros are required for both `SSS` and `TTT`.)				
W0505	474	<b>Master Reference (Link) Number</b>	X	AN	1/22	Used
		<b>Description:</b> Reference number assigned by the sender to relate a transaction set to a master transaction. (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group.)				
W0506	640	<b>Transaction Type Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code specifying the type of transaction. <b>All valid standard codes are used. (Total Codes: 206)</b>				
W0507	306	<b>Action Code</b>	O	ID	1/2	Used
		<b>Description:</b> Code indicating type of action. <b>All valid standard codes are used. (Total Codes: 65)</b>				

## Syntax Rules:

1. P0405 - If either W0504 or W0505 is present, then the other is required.

# Loop Name

Pos: 040	Repeat: 10
Mandatory	
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>
040	N1	Name	M	1		Must use
050	N2	Additional Name Information	O	1		Used
060	N3	Address Information	O	2		Used
070	N4	Geographic Location	O	1		Used



# N1 Name

Pos: 040	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

## 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	<b>Entity Identifier Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, or an individual <b>All valid standard codes are used. (Total Codes: 687)</b>				
N102	93	<b>Name</b>	X	AN	1/35	Used
		<b>Description:</b> Free-form name.				
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). <b>All valid standard codes are used. (Total Codes: 138)</b>				
N104	67	<b>Identification Code</b>	X	AN	2/17	Used
		<b>Description:</b> Code identifying a party or other code.				
N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code describing entity relationship. <b>All valid standard codes are used. (Total Codes: 31)</b>				
N106	98	<b>Entity Identifier Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying an organizational entity, a physical location, or an individual <b>All valid standard codes are used. (Total Codes: 687)</b>				

## 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: 050	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

## 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	<b>Name</b>	M	AN	1/35	Must use
		<b>Description:</b> Free-form name.				
N202	93	<b>Name</b>	O	AN	1/35	Used
		<b>Description:</b> Free-form name.				

# N3 Address Information

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

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## 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	<b>Address Information</b>	M	AN	1/35	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/35	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 070	Max: 1
Heading - Optional	
Loop: 0100	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## 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	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name.				
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency.				
N403	116	<b>Postal Code</b>	O	ID	3/9	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States).				
N404	26	<b>Country Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying the country.				
N405	309	<b>Location Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code identifying type of location.				
		<b>All valid standard codes are used. (Total Codes: 83)</b>				
N406	310	<b>Location Identifier</b>	O	AN	1/30	Used
		<b>Description:</b> 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 USA or Canada.

# N9 Reference Number

Pos: 090	Max: 10
Heading - Optional	
Loop: N/A	Elements: 6

**User Option (Usage):** Used

**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier

## 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>
N901	128	<b>Reference Number Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code qualifying the Reference Number. <b>All valid standard codes are used. (Total Codes: 859)</b>				
N902	127	<b>Reference Number</b>	X	AN	1/30	Used
		<b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N903	369	<b>Free-form Description</b>	X	AN	1/45	Used
		<b>Description:</b> Free-form descriptive text.				
N904	373	<b>Date</b>	O	DT	6/6	Used
		<b>Description:</b> Date (YYMMDD).				
N905	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> 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)				
N906	623	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> 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. <b>All valid standard codes are used. (Total Codes: 39)</b>				

## Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

## Semantics:

1. N906 reflects the time zone which the time reflects.

# G61 Contact

Pos: 100	Max: 3
Heading - Optional	
Loop: N/A	Elements: 5

**User Option (Usage):** Used

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

## 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	<b>Contact Function Code</b>	M	ID	2/2	Must use
<p><b>Description:</b> Code identifying the major duty or responsibility of the person or group named.</p> <p><b>All valid standard codes are used. (Total Codes: 154)</b></p>						
G6102	93	<b>Name</b>	M	AN	1/35	Must use
<p><b>Description:</b> Free-form name.</p>						
G6103	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
<p><b>Description:</b> Code identifying the type of communication number.</p> <p><b>All valid standard codes are used. (Total Codes: 20)</b></p>						
G6104	364	<b>Communication Number</b>	X	AN	1/80	Used
<p><b>Description:</b> Complete communications number including country or area code when applicable.</p>						
G6105	443	<b>Contact Inquiry Reference</b>	O	AN	1/20	Used
<p><b>Description:</b> Additional reference number or description to clarify a contact number.</p>						

## 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: 110	Max: 10
Heading - Optional	
Loop: N/A	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## 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	<b>Date Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying type of date.						
<b>All valid standard codes are used. (Total Codes: 127)</b>						
G6202	373	<b>Date</b>	X	DT	6/6	Used
<b>Description:</b> Date (YYMMDD).						
G6203	176	<b>Time Qualifier</b>	X	ID	1/1	Used
<b>Description:</b> Code specifying the reported time.						
<b>All valid standard codes are used. (Total Codes: 36)</b>						
G6204	337	<b>Time</b>	X	TM	4/8	Used
<b>Description:</b> 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	<b>Time Code</b>	O	ID	2/2	Used
<b>Description:</b> 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.						
<b>All valid standard codes are used. (Total Codes: 39)</b>						
G6206	624	<b>Century</b>	O	N0	2/2	Used
<b>Description:</b> The first two characters in the designation of the year (CCYY).						

## 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.

# NTE Note/Special Instruction

Pos: 120	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

## 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>
NTE01	363	<b>Note Reference Code</b>	O	ID	3/3	Used
		<b>Description:</b> Code identifying the functional area or purpose for which the note applies. <b>All valid standard codes are used. (Total Codes: 57)</b>				
NTE02	3	<b>Free Form Message</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form text.				

## Comments:

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



# W09 Equipment and Temperature

Pos: 130	Max: 1
Heading - Optional	
Loop: N/A	Elements: 9

**User Option (Usage):** Used

**Purpose:** To relate equipment type and required temperatures

## 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>
W0901	40	<b>Equipment Description Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying type of equipment used for shipment. <b>All valid standard codes are used. (Total Codes: 125)</b>				
W0902	408	<b>Temperature</b>	X	N0	1/3	Used
		<b>Description:</b> Temperature.				
W0903	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>All valid standard codes are used. (Total Codes: 719)</b>				
W0904	408	<b>Temperature</b>	X	N0	1/3	Used
		<b>Description:</b> Temperature.				
W0905	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>All valid standard codes are used. (Total Codes: 719)</b>				
W0906	3	<b>Free Form Message</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form text.				
W0907	1122	<b>Vent Setting Code</b>	O	ID	1/1	Used
		<b>Description:</b> Code describing the setting on the air vents on ocean-type containers <b>All valid standard codes are used. (Total Codes: 7)</b>				
W0908	488	<b>Percent</b>	O	N0	1/3	Used
		<b>Description:</b> Percent expressed as 0 to 100				
W0909	380	<b>Quantity</b>	O	R	1/15	Used
		<b>Description:</b> Numeric value of quantity.				

## Syntax Rules:

1. P0203 - If either W0902 or W0903 is present, then the other is required.
2. P0405 - If either W0904 or W0905 is present, then the other is required.

## Semantics:

1. W0902 is the minimum allowable temperature condition for shipment (degrees fahrenheit.)
2. W0904 is the maximum allowable temperature condition for shipment (degrees fahrenheit.)
3. W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.

4. W0908 is the Humidity Percentage.
5. W0909 is the Number of Air Exchanges Per Hour.

# W66 Warehouse Carrier Information

Pos: 140	Max: 1
Heading - Optional	
Loop: N/A	Elements: 10

**User Option (Usage):** Used

**Purpose:** To specify transportation instructions relating to shipment

## 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>
W6601	146	<b>Shipment Method of Payment</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying payment terms for transportation charges. <b>All valid standard codes are used. (Total Codes: 28)</b>				
W6602	91	<b>Transportation Method/Type Code</b>	M	ID	1/2	Must use
		<b>Description:</b> Code specifying the method or type of transportation for the shipment. <b>All valid standard codes are used. (Total Codes: 70)</b>				
W6603	399	<b>Pallet Exchange Code</b>	O	ID	1/1	Used
		<b>Description:</b> Code specifying pallet exchange instructions. <b>All valid standard codes are used. (Total Codes: 5)</b>				
W6604	400	<b>Unit Load Option Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying loading or unloading a shipment <b>All valid standard codes are used. (Total Codes: 6)</b>				
W6605	387	<b>Routing</b>	O	AN	1/35	Used
		<b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.				
W6606	433	<b>F.O.B. Point Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying type of F.O.B. point. <b>All valid standard codes are used. (Total Codes: 4)</b>				
W6607	434	<b>F.O.B. Point</b>	O	AN	1/30	Used
		<b>Description:</b> Descriptive name of F.O.B. point.				
W6608	625	<b>COD Method of Payment Code</b>	X	ID	1/1	Used
		<b>Description:</b> Code indicating method of payment acceptable for C.O.D. charge collection. <b>All valid standard codes are used. (Total Codes: 4)</b>				
W6609	610	<b>Amount</b>	X	N2	1/15	Used
		<b>Description:</b> Monetary amount.				
W6610	140	<b>Standard Carrier Alpha Code</b>	O	ID	2/4	Used
		<b>Description:</b> Standard Carrier Alpha Code				

## Syntax Rules:

1. P0809 - If either W6608 or W6609 is present, then the other is required.

## Semantics:

1. W6609 is the monetary amount of the charges to be collected on delivery of order.

# W6 Special Handling Information

Pos: 150	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

**Purpose:** To provide special handling information necessary for safe handling of shipment

## 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>
W601	152	<b>Special Handling Code</b>	M	ID	2/3	Must use
		<b>Description:</b> Code specifying special transportation handling instructions. <b>All valid standard codes are used. (Total Codes: 344)</b>				
W602	152	<b>Special Handling Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code specifying special transportation handling instructions. <b>All valid standard codes are used. (Total Codes: 344)</b>				
W603	152	<b>Special Handling Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code specifying special transportation handling instructions. <b>All valid standard codes are used. (Total Codes: 344)</b>				
W604	152	<b>Special Handling Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code specifying special transportation handling instructions. <b>All valid standard codes are used. (Total Codes: 344)</b>				

# Loop Code Source Information

Pos: 160	Repeat: 10
Optional	
Loop: 0200	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To transmit standard code list identification information

## 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>
160	LM	Code Source Information	O	1		Used
170	LQ	Industry Code	M	100		Must use

# LM Code Source Information

Pos: 160	Max: 1
Heading - Optional	
Loop: 0200	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit standard code list identification information

## 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>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use

**Description:** Code identifying the agency assigning the code values.

**All valid standard codes are used. (Total Codes: 80)**

LM02	822	Source Subqualifier	O	AN	1/15	Used
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**Description:** A reference that indicates the table or text maintained by the Source Qualifier.

## Comments:

1. LM02 identifies the applicable industry code list source information.

# LQ Industry Code

Pos: 170	Max: 100
Heading - Mandatory	
Loop: 0200	Elements: 2

**User Option (Usage):** Must use

**Purpose:** Code to transmit standard industry codes

## 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>
LQ01	1270	<b>Code List Qualifier Code</b>	O	ID	1/3	Used
		<b>Description:</b> Code identifying a specific industry code list <b>All valid standard codes are used. (Total Codes: 183)</b>				
LQ02	1271	<b>Industry Code</b>	X	AN	1/20	Used
		<b>Description:</b> Code indicating a code from a specific industry code list				

## Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.



# Loop Line Item Detail - Warehouse

Pos: 020	Repeat: >1
Optional	
Loop: 0300 Elements: N/A	

**User Option (Usage):** Used

**Purpose:** To transmit basic and most frequent shipment related line item data elements

## 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>
020	W01	Line Item Detail - Warehouse	O	1		Used
030	G69	Line Item Detail - Description	O	5		Used
040	N9	Reference Number	O	200		Used
050	W20	Line Item Detail- Miscellaneous	O	3		Used
060	AT	Financial Accounting	O	1		Used
070	QTY	Quantity	O	10		Used
080	AMT	Monetary Amount	O	1		Used
090	G62	Date/Time	O	10		Used
100	G66	Transportation Instructions	O	1		Used
110	N1	Name	O	3		Used
120		Loop 0310	O		10	Used
140		Loop 0320	O		>1	Used

# W01 Line Item Detail - Warehouse

Pos: 020	Max: 1
Detail - Optional	
Loop: 0300	Elements: 14

**User Option (Usage):** Used

**Purpose:** To transmit basic and most frequent shipment related line item data elements

## 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>
W0101	330	<b>Quantity Ordered</b>	M	R	1/9	Must use
		<b>Description:</b> Quantity ordered.				
W0102	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>All valid standard codes are used. (Total Codes: 719)</b>				
W0103	438	<b>UPC Case Code</b>	X	AN	12/12	Used
		<b>Description:</b> Code (Universal Product Code - ``UPC") including two high order digits identifying the ``system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03). Using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5).				
W0104	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
		<b>All valid standard codes are used. (Total Codes: 307)</b>				
W0105	234	<b>Product/Service ID</b>	X	AN	1/30	Used
		<b>Description:</b> Identifying number for a product or service.				
W0106	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
		<b>All valid standard codes are used. (Total Codes: 307)</b>				
W0107	234	<b>Product/Service ID</b>	X	AN	1/30	Used
		<b>Description:</b> Identifying number for a product or service.				
W0108	59	<b>Freight Class Code</b>	O	AN	2/5	Used
		<b>Description:</b> Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.				
W0109	121	<b>Rate Class Code</b>	O	ID	1/3	Used
		<b>Description:</b> Code identifying specifically designated class of goods. Note: For international air shipments, see IATA Resolution 600k.				
		<b>All valid standard codes are used. (Total Codes: 24)</b>				
W0110	23	<b>Commodity Code Qualifier</b>	O	ID	1/1	Used
		<b>Description:</b> Code identifying the commodity coding system used for Commodity Code.				
		<b>All valid standard codes are used. (Total Codes: 21)</b>				
W0111	22	<b>Commodity Code</b>	O	AN	1/16	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Code describing a commodity or group of commodities.				
W0112	416	<b>Pallet Block and Tiers</b>	O	N0	6/6	Used
		<b>Description:</b> Code indicating pallet and load structure. First three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet.				
W0113	451	<b>Warehouse Lot Number</b>	O	AN	1/12	Used
		<b>Description:</b> Reference number assigned by the warehouse.				
W0114	286	<b>Product/Service Condition Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying condition of product/service. <b>All valid standard codes are used. (Total Codes: 9)</b>				

### Syntax Rules:

1. R0304 - At least one of W0103 or W0104 is required.
2. P0405 - If either W0104 or W0105 is present, then the other is required.
3. P0607 - If either W0106 or W0107 is present, then the other is required.

# G69 Line Item Detail - Description

Pos: 030	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

**User Option (Usage):** Used

**Purpose:** To describe an item in free-form format

## 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>
G6901	369	Free-form Description	M	AN	1/45	Must use

**Description:** Free-form descriptive text.

# N9 Reference Number

Pos: 040	Max: 200
Detail - Optional	
Loop: 0300	Elements: 6

**User Option (Usage):** Used

**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier

## 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>
N901	128	<b>Reference Number Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code qualifying the Reference Number. <b>All valid standard codes are used. (Total Codes: 859)</b>				
N902	127	<b>Reference Number</b>	X	AN	1/30	Used
		<b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N903	369	<b>Free-form Description</b>	X	AN	1/45	Used
		<b>Description:</b> Free-form descriptive text.				
N904	373	<b>Date</b>	O	DT	6/6	Used
		<b>Description:</b> Date (YYMMDD).				
N905	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> 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)				
N906	623	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> 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. <b>All valid standard codes are used. (Total Codes: 39)</b>				

## Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

## Semantics:

1. N906 reflects the time zone which the time reflects.

# W20 Line Item Detail- Miscellaneous

Pos: 050	Max: 3
Detail - Optional	
Loop: 0300	Elements: 10

**User Option (Usage):** Used

**Purpose:** To specify packing details of the items shipped

## 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>
W2001	356	<b>Pack</b>	O	N0	1/6	Used
		<b>Description:</b> Number of inner pack units per outer pack unit.				
W2002	357	<b>Size</b>	X	R	1/8	Used
		<b>Description:</b> Size of supplier units in pack.				
W2003	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>All valid standard codes are used. (Total Codes: 719)</b>				
W2004	81	<b>Weight</b>	X	R	1/10	Used
		<b>Description:</b> Numeric value of weight.				
W2005	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code defining the type of weight.				
		<b>All valid standard codes are used. (Total Codes: 40)</b>				
W2006	188	<b>Weight Unit Code</b>	X	ID	1/1	Used
		<b>Description:</b> Code specifying the weight unit				
		<b>All valid standard codes are used. (Total Codes: 7)</b>				
W2007	395	<b>Unit Weight</b>	O	R	1/8	Used
		<b>Description:</b> Numeric value of weight per unit.				
W2008	183	<b>Volume</b>	X	R	1/8	Used
		<b>Description:</b> Value of volumetric measure.				
W2009	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>All valid standard codes are used. (Total Codes: 719)</b>				
W2010	397	<b>Color</b>	O	AN	1/10	Used
		<b>Description:</b> Free-form description of color.				

## Syntax Rules:

1. P0203 - If either W2002 or W2003 is present, then the other is required.
2. P040506 - If either W2004, W2005 or W2006 are present, then the others are required.
3. P0809 - If either W2008 or W2009 is present, then the other is required.

# AT Financial Accounting

Pos: 060	Max: 1
Detail - Optional	
Loop: 0300	Elements: 9

**User Option (Usage):** Used

**Purpose:** To transmit financial accounting data

## 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>
AT01	1281	<b>Fund Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying a specific appropriation or fund account to be charged or credited				
AT02	1282	<b>Treasury Symbol Number</b>	O	AN	7/21	Used
		<b>Description:</b> Number identifying a department, fiscal year, and appropriation limit for a standard accounting classification coding structure				
AT03	1283	<b>Budget Activity Number</b>	O	AN	1/16	Used
		<b>Description:</b> Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure				
AT04	1284	<b>Object Class Number</b>	O	AN	3/12	Used
		<b>Description:</b> Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure				
AT05	1285	<b>Reimbursable Source Number</b>	O	AN	1/3	Used
		<b>Description:</b> Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure				
AT06	1286	<b>Transaction Reference Number</b>	O	AN	4/20	Used
		<b>Description:</b> Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure				
AT07	1287	<b>Accountable Station Number</b>	O	AN	3/8	Used
		<b>Description:</b> Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure				
AT08	1288	<b>Paying Station Number</b>	O	AN	8/14	Used
		<b>Description:</b> Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure				
AT09	352	<b>Description</b>	O	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content.				

## Comments:

1. AT09 identifies unique local activity financial accounting information

# QTY Quantity

Pos: 070	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify quantity information.

## 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>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use
<p><b>Description:</b> Code specifying the type of quantity.  <b>All valid standard codes are used. (Total Codes: 326)</b></p>						
QTY02	380	Quantity	M	R	1/15	Must use
<p><b>Description:</b> Numeric value of quantity.</p>						
QTY03	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
<p><b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <b>All valid standard codes are used. (Total Codes: 719)</b></p>						



# AMT Monetary Amount

Pos: 080	Max: 1
Detail - Optional	
Loop: 0300	Elements: 2

**User Option (Usage):** Used

**Purpose:** To indicate the total monetary amount.

## 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>
AMT01	522	<b>Amount Qualifier Code</b>	M	ID	1/2	Must use
		<b>Description:</b> Code to qualify amount				
		<b>All valid standard codes are used. (Total Codes: 432)</b>				
AMT02	782	<b>Monetary Amount</b>	M	R	1/15	Must use
		<b>Description:</b> Monetary amount.				

# G62 Date/Time

Pos: 090	Max: 10
Detail - Optional	
Loop: 0300	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## 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	<b>Date Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying type of date. <b>All valid standard codes are used. (Total Codes: 127)</b>				
G6202	373	<b>Date</b>	X	DT	6/6	Used
		<b>Description:</b> Date (YYMMDD).				
G6203	176	<b>Time Qualifier</b>	X	ID	1/1	Used
		<b>Description:</b> Code specifying the reported time. <b>All valid standard codes are used. (Total Codes: 36)</b>				
G6204	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> 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	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> 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. <b>All valid standard codes are used. (Total Codes: 39)</b>				
G6206	624	<b>Century</b>	O	N0	2/2	Used
		<b>Description:</b> The first two characters in the designation of the year (CCYY).				

## 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.

# G66 Transportation Instructions

Pos: 100	Max: 1
Detail - Optional	
Loop: 0300	Elements: 7

**User Option (Usage):** Used

**Purpose:** To specify transportation instructions relating to shipment

## 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>
G6601	146	<b>Shipment Method of Payment</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying payment terms for transportation charges. <b>All valid standard codes are used. (Total Codes: 28)</b>				
G6602	91	<b>Transportation Method/Type Code</b>	O	ID	1/2	Used
		<b>Description:</b> Code specifying the method or type of transportation for the shipment. <b>All valid standard codes are used. (Total Codes: 70)</b>				
G6603	399	<b>Pallet Exchange Code</b>	O	ID	1/1	Used
		<b>Description:</b> Code specifying pallet exchange instructions. <b>All valid standard codes are used. (Total Codes: 5)</b>				
G6604	400	<b>Unit Load Option Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying loading or unloading a shipment <b>All valid standard codes are used. (Total Codes: 6)</b>				
G6605	387	<b>Routing</b>	O	AN	1/35	Used
		<b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.				
G6606	433	<b>F.O.B. Point Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying type of F.O.B. point. <b>All valid standard codes are used. (Total Codes: 4)</b>				
G6607	434	<b>F.O.B. Point</b>	O	AN	1/30	Used
		<b>Description:</b> Descriptive name of F.O.B. point.				

# N1 Name

Pos: 110	Max: 3
Detail - Optional	
Loop: 0300	Elements: 6

**User Option (Usage):** Used

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

## 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	<b>Entity Identifier Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, or an individual <b>All valid standard codes are used. (Total Codes: 687)</b>				
N102	93	<b>Name</b>	X	AN	1/35	Used
		<b>Description:</b> Free-form name.				
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). <b>All valid standard codes are used. (Total Codes: 138)</b>				
N104	67	<b>Identification Code</b>	X	AN	2/17	Used
		<b>Description:</b> Code identifying a party or other code.				
N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code describing entity relationship. <b>All valid standard codes are used. (Total Codes: 31)</b>				
N106	98	<b>Entity Identifier Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying an organizational entity, a physical location, or an individual <b>All valid standard codes are used. (Total Codes: 687)</b>				

## 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 Code Source Information

Pos: 120	Repeat: 10
Optional	
Loop: 0310	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To transmit standard code list identification information

## 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	LM	Code Source Information	O	1		Used
130	LQ	Industry Code	M	100		Must use

# LM Code Source Information

Pos: 120	Max: 1
Detail - Optional	
Loop: 0310	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit standard code list identification information

## 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>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use

**Description:** Code identifying the agency assigning the code values.

**All valid standard codes are used. (Total Codes: 80)**

LM02	822	Source Subqualifier	O	AN	1/15	Used
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**Description:** A reference that indicates the table or text maintained by the Source Qualifier.

## Comments:

1. LM02 identifies the applicable industry code list source information.

# LQ Industry Code

Pos: 130	Max: 100
Detail - Mandatory	
Loop: 0310	Elements: 2

**User Option (Usage):** Must use

**Purpose:** Code to transmit standard industry codes

## 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>
LQ01	1270	<b>Code List Qualifier Code</b>	O	ID	1/3	Used
		<b>Description:</b> Code identifying a specific industry code list <b>All valid standard codes are used. (Total Codes: 183)</b>				
LQ02	1271	<b>Industry Code</b>	X	AN	1/20	Used
		<b>Description:</b> Code indicating a code from a specific industry code list				

## Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

# Loop Assigned Number

Pos: 140	Repeat: >1
Optional	
Loop: 0320	Elements: N/A

**User Option (Usage):** Used

**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>
140	LX	Assigned Number	O	1		Used
150	N9	Reference Number	O	>1		Used
160	G62	Date/Time	O	10		Used
170	N1	Name	O	1		Used
180		Loop 0321	O		10	Used



# LX Assigned Number

Pos: 140	Max: 1
Detail - Optional	
Loop: 0320	Elements: 1

**User Option (Usage):** Used

**Purpose:** To reference a line number in a transaction set.

## 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	N0	1/6	Must use

**Description:** Number assigned for differentiation within a transaction set.

# N9 Reference Number

Pos: 150	Max: >1
Detail - Optional	
Loop: 0320	Elements: 6

**User Option (Usage):** Used

**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier

## 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>
N901	128	<b>Reference Number Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code qualifying the Reference Number. <b>All valid standard codes are used. (Total Codes: 859)</b>				
N902	127	<b>Reference Number</b>	X	AN	1/30	Used
		<b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N903	369	<b>Free-form Description</b>	X	AN	1/45	Used
		<b>Description:</b> Free-form descriptive text.				
N904	373	<b>Date</b>	O	DT	6/6	Used
		<b>Description:</b> Date (YYMMDD).				
N905	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> 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)				
N906	623	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> 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. <b>All valid standard codes are used. (Total Codes: 39)</b>				

## Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

## Semantics:

1. N906 reflects the time zone which the time reflects.

# G62 Date/Time

Pos: 160	Max: 10
Detail - Optional	
Loop: 0320	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## 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	<b>Date Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying type of date. <b>All valid standard codes are used. (Total Codes: 127)</b>				
G6202	373	<b>Date</b>	X	DT	6/6	Used
		<b>Description:</b> Date (YYMMDD).				
G6203	176	<b>Time Qualifier</b>	X	ID	1/1	Used
		<b>Description:</b> Code specifying the reported time. <b>All valid standard codes are used. (Total Codes: 36)</b>				
G6204	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> 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	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> 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. <b>All valid standard codes are used. (Total Codes: 39)</b>				
G6206	624	<b>Century</b>	O	N0	2/2	Used
		<b>Description:</b> The first two characters in the designation of the year (CCYY).				

## 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.

# N1 Name

Pos: 170	Max: 1
Detail - Optional	
Loop: 0320	Elements: 6

**User Option (Usage):** Used

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

## 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	<b>Entity Identifier Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, or an individual <b>All valid standard codes are used. (Total Codes: 687)</b>				
N102	93	<b>Name</b>	X	AN	1/35	Used
		<b>Description:</b> Free-form name.				
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). <b>All valid standard codes are used. (Total Codes: 138)</b>				
N104	67	<b>Identification Code</b>	X	AN	2/17	Used
		<b>Description:</b> Code identifying a party or other code.				
N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code describing entity relationship. <b>All valid standard codes are used. (Total Codes: 31)</b>				
N106	98	<b>Entity Identifier Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying an organizational entity, a physical location, or an individual <b>All valid standard codes are used. (Total Codes: 687)</b>				

## 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 Code Source Information

Pos: 180	Repeat: 10
Optional	
Loop: 0321	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To transmit standard code list identification information

## 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>
180	LM	Code Source Information	O	1		Used
190	LQ	Industry Code	M	100		Must use

# LM Code Source Information

Pos: 180	Max: 1
Detail - Optional	
Loop: 0321	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit standard code list identification information

## 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>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use

**Description:** Code identifying the agency assigning the code values.

**All valid standard codes are used. (Total Codes: 80)**

LM02	822	Source Subqualifier	O	AN	1/15	Used
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**Description:** A reference that indicates the table or text maintained by the Source Qualifier.

## Comments:

1. LM02 identifies the applicable industry code list source information.

# LQ Industry Code

Pos: 190	Max: 100
Detail - Mandatory	
Loop: 0321	Elements: 2

**User Option (Usage):** Must use

**Purpose:** Code to transmit standard industry codes

## 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>
LQ01	1270	<b>Code List Qualifier Code</b>	O	ID	1/3	Used
		<b>Description:</b> Code identifying a specific industry code list <b>All valid standard codes are used. (Total Codes: 183)</b>				
LQ02	1271	<b>Industry Code</b>	X	AN	1/20	Used
		<b>Description:</b> Code indicating a code from a specific industry code list				

## Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

# W76 Total Shipping Order

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume

## 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>
W7601	330	<b>Quantity Ordered</b>	M	R	1/9	Must use
		<b>Description:</b> Quantity ordered.				
W7602	81	<b>Weight</b>	X	R	1/10	Used
		<b>Description:</b> Numeric value of weight.				
W7603	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>All valid standard codes are used. (Total Codes: 719)</b>				
W7604	183	<b>Volume</b>	X	R	1/8	Used
		<b>Description:</b> Value of volumetric measure.				
W7605	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>All valid standard codes are used. (Total Codes: 719)</b>				
W7606	398	<b>Equivalent Weight</b>	O	R	1/10	Used
		<b>Description:</b> Equivalent weight other than gross or net weight for a line item or transaction used for pricing purposes.				

## Syntax Rules:

1. P0203 - If either W7602 or W7603 is present, then the other is required.
2. P0405 - If either W7604 or W7605 is present, then the other is required.
3. C0603 - If W7606 is present, then W7603 is required.

## Comments:

1. Equivalent weight is given in the same unit of measure as weight.
2. Quantity ordered (W7601) is a "Hash" total and the unit of measure is not required.



# SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - 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).

## 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	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments.				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> 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.