



# **940 Warehouse Shipping Order - Canada**

VICS EDI

**Version: 006040VICS**

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# 940 Warehouse Shipping Order - Canada

## Functional Group=OW

**Purpose:** This X12 Transaction Set 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>	<u>Page</u>
0100	ST	Transaction Set Header	M	1			Must use	5
0200	W05	Shipping Order Identification	M	1			Must use	6
<b>LOOP ID - 0100</b>					<b>10</b>			7
0400	N1	Party Identification	O	1			Used	8
0500	N2	Additional Name Information	O	2			Used	10
0600	N3	Party Location	O	2			Used	11
0700	N4	Geographic Location	O	1			Used	12
* 0800	PER	Administrative Communications Contact	O	5				N/A
0900	N9	Extended Reference Information	O	10			Used	14
1000	G61	Contact	O	3			Used	15
1100	G62	Date/Time	O	10			Used	16
1200	NTE	Note/Special Instruction	O	>1			Used	18
1300	W09	Equipment and Temperature	O	1			Used	19
1400	W66	Warehouse Carrier Information	O	1			Used	21
* 1500	W6	Special Handling Information	O	5				N/A
* 1530	R2	Route Information	O	13				N/A
* 1560	BNX	Rail Shipment Information	O	1				N/A
* 1565	PAL	Pallet Type and Load Characteristics	O	1				N/A
<b>* LOOP ID - 0150</b>					<b>1</b>			N/A
* 1570	TD3	Carrier Details (Equipment)	O	1				N/A
* 1580	AT9	Trailer or Container Dimension and Weight	O	1				N/A
<b>* LOOP ID - 0200</b>					<b>10</b>			N/A
* 1600	LM	Code Source Information	O	1				N/A
* 1700	LQ	Industry Code Identification	M	100				N/A

### 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>	<u>Page</u>
<b><u>LOOP ID - 0300</u></b>						<b><u>&gt;1</u></b>		23
0050	LX	Transaction Set Line Number	O	1			Used	24
0100	MAN	Marks and Numbers Information	O	>1			Used	25
* 0150	SDQ	Destination Quantity	O	>1				N/A
* 0160	N1	Party Identification	O	1				N/A
* 0170	G62	Date/Time	O	10				N/A
* 0190	N9	Extended Reference Information	O	>1				N/A
<b><u>LOOP ID - 0310</u></b>						<b><u>&gt;1</u></b>		28
0200	W01	Line Item Detail - Warehouse	O	1			Used	29
0225	SLN	Subline Item Detail	O	>1			Used	40
0250	W6	Special Handling Information	O	1			Used	47
0300	G69	Line Item Detail - Description	O	5			Used	50
0400	N9	Extended Reference Information	O	>1			Used	51
* 0450	NTE	Note/Special Instruction	O	>1				N/A
0500	W20	Line Item Detail - Packing	O	3			Used	52
* 0700	QTY	Quantity Information	O	10				N/A
0800	AMT	Monetary Amount Information	O	>1			Used	62
0900	G62	Date/Time	O	10			Used	63
* 1000	G66	Transportation Instructions	O	1				N/A
1050	MEA	Measurements	O	>1			Used	64
<b>* <u>LOOP ID - N1</u></b>						<b><u>&gt;1</u></b>		N/A
* 1100	N1	Party Identification	O	1				N/A
* 1101	N2	Additional Name Information	O	1				N/A
* 1102	N3	Party Location	O	1				N/A
* 1103	N4	Geographic Location	O	1				N/A
* 1120	PER	Administrative Communications Contact	O	5				N/A
* 1140	LH2	Hazardous Classification Information	O	6				N/A
* 1160	LHR	Hazardous Material Identifying Reference Numbers	O	1				N/A
* 1180	LH6	Hazardous Certification	O	5				N/A
* 1190	PAL	Pallet Type and Load Characteristics	O	1				N/A
<b>* <u>LOOP ID - 0320</u></b>						<b><u>10</u></b>		N/A
* 1200	LM	Code Source Information	O	1				N/A

<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>	<u>Page</u>
* 1300	LQ	Industry Code Identification	M	100				N/A
<b>* LOOP ID - LS</b>					<b>1</b>			N/A
* 1350	LS	Loop Header	O	1				N/A
<b>* LOOP ID - 0330</b>					<b>≥1</b>	<b>N2/1400L</b>		N/A
* 1400	LX	Transaction Set Line Number	O	1		N2/1400		N/A
* 1500	N9	Extended Reference Information	O	>1				N/A
* 1600	G62	Date/Time	O	10				N/A
* 1700	N1	Party Identification	O	1				N/A
* 1750	SDQ	Destination Quantity	O	>1				N/A
<b>* LOOP ID - 0331</b>					<b>10</b>			N/A
* 1800	LM	Code Source Information	O	1				N/A
* 1900	LQ	Industry Code Identification	M	100				N/A
<b>* LOOP ID - 0332</b>					<b>≥1</b>			N/A
* 2000	LH1	Hazardous Identification Information	O	1				N/A
* 2100	LH2	Hazardous Classification Information	O	4				N/A
* 2200	LH3	Hazardous Material Shipping Name Information	O	10				N/A
* 2300	LFH	Free-form Hazardous Material Information	O	20				N/A
* 2400	LEP	EPA Required Data	O	3				N/A
* 2500	LH4	Canadian Dangerous Requirements	O	1				N/A
* 2600	LHT	Transborder Hazardous Requirements	O	3				N/A
* 2700	LHR	Hazardous Material Identifying Reference Numbers	O	5				N/A
* 2800	PER	Administrative Communications Contact	O	5				N/A
* 2850	LE	Loop Trailer	M	1				N/A
<b>* LOOP ID - 0340</b>					<b>≥1</b>			N/A
* 2900	FA1	Type of Financial Accounting Data	O	1				N/A
* 3000	FA2	Accounting Data	M	>1				N/A

**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>	<u>Page</u>
0100	W76	Total Shipping Order	O	1			Used	65
0200	SE	Transaction Set Trailer	M	1			Must use	75

**Notes:**

2/1400L The LX loop conveys serial number data.

2/1400 The LX loop conveys serial number data.

# ST Transaction Set Header

Pos: 0100	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	Transaction Set Identifier Code	M	ID	3/3	Must use

**Description:** Code identifying a Transaction Set

**CodeList Summary** (Total Codes: 321, Included: 1)

**Code Name**

940 Warehouse Shipping Order

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Note 1:** *The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.*

## 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. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# W05 Shipping Order Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**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

**Description:** Code identifying purpose of transaction set

**CodeList Summary** (Total Codes: 13, Included: 4)

**Code Name**

F	Cancel
L	Line Item Replace

**Note 1:**

*This code may be used only in an Item Warehouse Shipping Order to replace all information about the product identified in the W01 segment(s).*

N	Original
R	Change

**Note 1:**

*Replace all details about a previously transmitted warehouse shipping order*

W0502	285	<b>Depositor Order Number</b>	M	AN	1/22	Must use
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**Description:** Identifying number for warehouse shipping order assigned by the depositor

W0503	324	<b>Purchase Order Number</b>	O	AN	1/22	Used
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**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser

W0506	640	<b>Transaction Type Code</b>	O	ID	2/2	Used
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**Description:** Code specifying the type of transaction

**CodeList Summary** (Total Codes: 548, Included: 1)

**Code Name**

CL	Customer Allocation
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**Note 1:**

*Direct shipment to end consumer*

## Syntax Rules:

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



# Loop Party Identification

<b>Pos: 0400</b>	<b>Repeat: 10</b>
<b>Optional</b>	
<b>Loop: 0100</b>	<b>Elements: N/A</b>

**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>
0400	N1	Party Identification	O	1		Used
0500	N2	Additional Name Information	O	2		Used
0600	N3	Party Location	O	2		Used
0700	N4	Geographic Location	O	1		Used

# N1 Party Identification

Pos: 0400	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

**User Option (Usage):** Used

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

**Note 1:**

*The ship-to location (N101 contains code ST) may be specified in the header area or the detail area, but not both.*

*N103 and N104 are required except when N101 contains code OB.*

**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	2/3	Must use

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

**CodeList Summary** (Total Codes: 1529, Included: 13)

**Code Name**

- BS Bill and Ship To
- BT Bill-to-Party
- CI Consignor
- CN Consignee
- DC Destination Carrier

**Note 1:**

*Pool distributor*

- DE Depositor
- DS Distributor
- MA Party for whom Item is Ultimately Intended

**Note 1:**

*Buyers ultimate distribution location, e.g. Store*

- OB Ordered By

**Note 1:**

*Customer of retailer*

- SF Ship From
- SH Shipper
- ST Ship To
- WH Warehouse

N102	93	<b>Name</b>	X	AN	1/60	Used
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**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
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**Description:** Code specifying the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 255, Included: 10)

**Code Name**

1	D-U-N-S Number, Dun & Bradstreet					
	<b>Note 1:</b>					
	<i>See External Code Source 16 in Section III for reference document.</i>					
2	Standard Carrier Alpha Code (SCAC)					
	<b>Note 1:</b>					
	<i>See External Code Source 17 in Section III for reference document.</i>					
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix					
	<b>Note 1:</b>					
	<i>See External Code Source 16 in Section III for reference document.</i>					
21	Health Industry Number (HIN)					
	<b>Note 1:</b>					
	<i>See External Code Source 121 in Section III for reference document.</i>					
91	Assigned by Seller or Seller's Agent					
92	Assigned by Buyer or Buyer's Agent					
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					
UL	Global Location Number (GLN)					
	<b>Description:</b> <i>A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key</i>					
	<b>Note 1:</b>					
	<i>This is the 13-digit Global Location Number (GLN). See External Code Source 583 in Section III for reference document.</i>					
UM	GS1 Global Location Number with Extension Component					
	<b>Description:</b> <i>A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location</i>					
N104	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
		<b>Note 1:</b> <i>This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.</i>				

**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: 0500	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional names

## 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	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				

# N3 Party Location

Pos: 0600	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	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 0700	Max: 1
Heading - Optional	
Loop: 0100	Elements: 7

**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>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the Standard State/Province as defined by appropriate government agency				
		<b>Note 1:</b> See External Code Source 22 in Section III for reference document.				
N403	116	<b>Postal Code</b>	X	ID	3/15	Used
		<b>Description:</b> Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
		<b>Note 1:</b> See External Code Source 51 in Section III for reference document.				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
		<b>Note 1:</b> See External Code Source 5 in Section III for reference document.				
N405	309	<b>Location Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code identifying type of location				
		<b>CodeList Summary</b> (Total Codes: 184, Included: 1)				
		<b>Code Name</b>				
		FF Foreign Freight Forwarder Location				
N406	310	<b>Location Identifier</b>	O	AN	1/30	Used
		<b>Description:</b> Code which identifies a specific location				
		<b>Note 1:</b> To specify the foreign language required.				
		<i>EN English</i>				
		<i>FR French</i>				
N408	1702	<b>Postal Code-Formatted</b>	X	AN	3/20	Used
		<b>Description:</b> A postal code value including punctuation, blanks and other characters as defined by the postal authority				

**Syntax Rules:**

1. E0207 - Only one of N402 or N407 may be present.
2. E0308 - Only one of N403 or N408 may be present.
3. C0605 - If N406 is present, then N405 is required.
4. C0704 - If N407 is present, then N404 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N403 contains the postal code in an unstructured format. N408 contains the postal code in a structured format. When a postal code data field is used, the parties shall agree as to which data element (N403 or N408) shall be used in the transaction set.

# N9 Extended Reference Information

Pos: 0900	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code identifying the Reference Identification

**CodeList Summary** (Total Codes: 1820, Included: 11)

**Code Name**

55 Sequence Number

CO Customer Order Number

**Note 1:**

*Customer of retailer*

DP Department Number

MB Master Bill of Lading

PO Purchase Order Number

QN Stop Sequence Number

RU Route Number

RZ Returned Goods Authorization Number

SE Serial Number

SI Shipper's Identifying Number for Shipment (SID)

**Description:** A unique number (to the shipper) assigned by the shipper to identify the shipment

VN Vendor Order Number

N902	127	Reference Identification	X	AN	1/80	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

## 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.
2. N907 contains data relating to the value cited in N902.



# G61 Contact

<b>Pos: 1000</b>	<b>Max: 3</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 4</b>

**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>CodeList Summary</b> (Total Codes: 241, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>CR Customer Relations</p>						
G6102	93	<b>Name</b>	M	AN	1/60	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>CodeList Summary</b> (Total Codes: 43, Included: 4)</p> <p><u>Code</u> <u>Name</u></p> <p>EA Internet Email Address</p> <p><b>Description:</b> <i>Internet based electronic mail address with a structure of "ADDRESSEE @ DOMAIN NAME . DOMAIN NAME EXTENSION"</i></p> <p>EM Electronic Mail</p> <p>FX Facsimile</p> <p>TE Telephone</p>						
G6104	364	<b>Communication Number</b>	X	AN	1/256	Used
<p><b>Description:</b> Complete communications number including country or area code when applicable</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: 1100	Max: 10
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

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

**Note 1:**

*This segment may be used in the header area or the detail area, but not both.*

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	Date Qualifier	X	ID	2/2	Used

**Description:** Code specifying type of date

**CodeList Summary** (Total Codes: 142, Included: 9)

**Code Name**

- 01 Cancel After This Date
- 02 Delivery Requested on This Date
- 04 Purchase Order Date
- 10 Requested Ship Date/Pickup Date
- 11 Shipped on This Date
- 37 Ship Not Before Date
- 38 Ship Not Later Than Date
- 47 Released

**Note 1:**

*Release*

- 68 Requested Delivery Date

G6202	373	Date	X	DT	8/8	Used
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

G6203	176	Time Qualifier	X	ID	1/2	Used
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**Description:** Code specifying the reported time

**CodeList Summary** (Total Codes: 43, Included: 4)

**Code Name**

- 3 Delivery Appointment Scheduled Time
- B Released
- G Earliest Requested Deliver Time
- Z Requested Delivery Time

**Note 1:**

*Release*

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)

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

**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: 1200	Max: >1
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

**Description:** Code identifying the functional area or purpose for which the note applies

**CodeList Summary** (Total Codes: 368, Included: 5)

**Code Name**

DEL Delivery  
 GEN Entire Transaction Set  
 LAB Labeling Instructions  
 PUR Purchasing  
 WHI Warehouse Instruction

NTE02	352	<b>Description</b>	M	AN	1/80	Must use
-------	-----	--------------------	---	----	------	----------

**Description:** A free-form description to clarify the related data elements and their content

## Comments:

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

# W09 Equipment and Temperature

Pos: 1300	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

**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	Equipment Description Code	M	ID	2/2	Must use

**Description:** Code identifying type of equipment used for shipment

**CodeList Summary** (Total Codes: 141, Included: 5)

**Code Name**

- FF Frozen Food Trailer
- FT Flat Bed Trailer
- RT Controlled Temperature Trailer (Reefer)
- TF Trailer, Dry Freight
- TL Trailer (not otherwise specified)

W0902	408	Temperature	X	R	1/4	Used
-------	-----	-------------	---	---	-----	------

**Description:** Temperature

W0903	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

**CodeList Summary** (Total Codes: 905, Included: 2)

**Code Name**

- CE Centigrade, Celsius

**Note 1:**

*Degrees*

- FA Fahrenheit

**Note 1:**

*Degrees*

W0904	408	Temperature	X	R	1/4	Used
-------	-----	-------------	---	---	-----	------

**Description:** Temperature

W0905	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

**Note 1:** See Section III for code list.

**CodeList Summary** (Total Codes: 905, Included: 2)

**Code Name**

- CE Centigrade, Celsius

**Note 1:**

*Degrees*

<u>Code</u>	<u>Name</u>
FA	Fahrenheit

**Note 1:**  
*Degrees*

### 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; (the qualifying temperature scale is specified in W0903).
2. W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
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: 1400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 6

**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 Code</b>	M	ID	2/2	Must use

**Description:** Code identifying payment terms for transportation charges

**CodeList Summary** (Total Codes: 31, Included: 11)

**Code Name**

- CC Collect
- CF Collect, Freight Credited Back to Customer
- DF Defined by Buyer and Seller
- FO FOB Port of Call
- HP Half Prepaid
- MX Mixed
- PB Customer Pickup/Backhaul
- PC Prepaid but Charged to Customer
- PO Prepaid Only
- PP Prepaid (by Seller)
- TP Third Party Pay

W6602	91	<b>Transportation Method/Type Code</b>	M	ID	1/2	Must use
-------	----	--	---	----	-----	----------

**Description:** Code specifying the method or type of transportation for the shipment

**CodeList Summary** (Total Codes: 81, Included: 16)

**Code Name**

- A Air
- C Consolidation
- D Parcel Post
- E Expedited Truck
- H Customer Pickup
- L Contract Carrier
- M Motor (Common Carrier)
- R Rail
- S Ocean
- T Best Way (Shippers Option)
- U Private Parcel Service
- X Intermodal (Piggyback)
- AE Air Express
- BU Bus
- CE Customer Pickup / Customer's Expense
- SR Supplier Truck

W6603	399	<b>Pallet Exchange Code</b>	O	ID	1/1	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 specifying pallet exchange instructions				
		<b>CodeList Summary</b> (Total Codes: 5, Included: 5)				
		<b>Code Name</b>				
		1 No Exchange/No Return				
		2 Exchange Pallets				
		3 Return Pallets				
		4 Pallets to be Purchased by Customer				
		5 Third-Party Pallet Exchange				
		<b>Description:</b> <i>A pallet exchange program where a third party rents pallets for internal or external use</i>				
W6604	400	<b>Unit Load Option Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying loading or unloading a shipment				
		<b>CodeList Summary</b> (Total Codes: 12, Included: 3)				
		<b>Code Name</b>				
		01 Palletized				
		04 Slip Sheet				
		10 Shrink-wrap				
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				
W6610	140	<b>Standard Carrier Alpha Code</b>	O	ID	2/4	Used
		<b>Description:</b> Code identifying the Standard Carrier Alpha Code				
		<b>Note 1:</b> See External Code Source 17 in Section III for reference document.				

**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.



# Loop Transaction Set Line Number

Pos: 0050	Repeat: >1
Optional	
Loop: 0300	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>
0050	LX	Transaction Set Line Number	O	1		Used
0100	MAN	Marks and Numbers Information	O	>1		Used
0200		Loop 0310	O		>1	Used

# LX Transaction Set Line Number

Pos: 0050	Max: 1
Detail - Optional	
Loop: 0300	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	NO	1/6	Must use

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

**Note 1:** *This is a sequential number starting with one, and incremented by one, for every occurrence of the LX segment.*

# MAN Marks and Numbers Information

Pos: 0100	Max: >1
Detail - Optional	
Loop: 0300	Elements: 6

**User Option (Usage):** Used

**Purpose:** To indicate identifying marks and numbers for shipping containers

**Note 1:**

*This segment is used only for a Carton Warehouse Shipping Order.*

**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)

**CodeList Summary** (Total Codes: 31, Included: 8)

**Code Name**

W Pallet Number

AA EAN.UCC Serial Shipping Container Code (SSCC)

**Note 1:**

*This is an eighteen-character GS1-128 Serial Shipping Container Code (SSCC-18) that does not include the two digit application identifier, the symbology code, or the modulo 103 check character. See External Code Source 98 in Section III for reference document.*

E1 Electronic Product Code (ePC) Serial Shipping Container Code (SSCC)

**Description:** Trade Item with ePC tag marked with SSCC value

E2 Electronic Product Code (ePC) and Bar Code Serial Shipping Container Code (SSCC)

**Description:** Trade Item with dual marking for barcode and ePC, with SSCC value

E3 Electronic Product Code (ePC) and Bar Code Serial Shipping Container Code (SSCC) with Application Identifier (AI)

**Description:** Trade Item with dual marking for barcode and ePC, with SSCC and AI value

GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier

**Note 1:**

*This is a twenty-character GS1-128 Serial Shipping Container Code (SSCC-18) that includes the two digit application identifier. The symbology code and the modulo 103 check digit are not included. See External Code Source 98 in Section III for reference document.*

SI Self-Identifying Container via Radio Frequency ID Device

**Description:** Inbound containers that do not need manual routing

UC U.P.C. Shipping Container Code

**Note 1:**

*This is the GTIN EAN/UCC-14. See External Code Source 71 in Section III for reference document.*

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
-------	----	-------------------	---	----	------	------

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

**Description:** Marks and numbers used to identify a shipment or parts of a shipment

MAN04	88	<b>Marks and Numbers Qualifier</b>	X	ID	1/2	Used
-------	----	------------------------------------	---	----	-----	------

**Description:** Code specifying the application or source of Marks and Numbers (87)

**Note 1:** See MAN01 for code list.

**CodeList Summary** (Total Codes: 31, Included: 8)

**Code Name**

W Pallet Number

AA EAN.UCC Serial Shipping Container Code (SSCC)

**Note 1:**

*This is an eighteen-character GS1-128 Serial Shipping Container Code (SSCC-18) that does not include the two digit application identifier, the symbology code, or the modulo 103 check character.  
See External Code Source 98 in Section III for reference document.*

E1 Electronic Product Code (ePC) Serial Shipping Container Code (SSCC)

**Description:** Trade Item with ePC tag marked with SSCC value

E2 Electronic Product Code (ePC) and Bar Code Serial Shipping Container Code (SSCC)

**Description:** Trade Item with dual marking for barcode and ePC, with SSCC value

E3 Electronic Product Code (ePC) and Bar Code Serial Shipping Container Code (SSCC) with Application Identifier (AI)

**Description:** Trade Item with dual marking for barcode and ePC, with SSCC and AI value

GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier

**Note 1:**

*This is a twenty-character GS1-128 Serial Shipping Container Code (SSCC-18) that includes the two digit application identifier. The symbology code and the modulo 103 check digit are not included.  
See External Code Source 98 in Section III for reference document.*

SI Self-Identifying Container via Radio Frequency ID Device

**Description:** Inbound containers that do not need manual routing

UC U.P.C. Shipping Container Code

**Note 1:**

*This is the GTIN EAN/UCC-14.  
See External Code Source 71 in Section III for reference document.*

MAN05	87	<b>Marks and Numbers</b>	X	AN	1/48	Used
-------	----	--------------------------	---	----	------	------

**Description:** Marks and numbers used to identify a shipment or parts of a shipment

MAN06	87	<b>Marks and Numbers</b>	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.

# Loop Line Item Detail - Warehouse

Pos: 0200	Repeat: >1
Optional	
Loop: 0310	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>
0200	W01	Line Item Detail - Warehouse	O	1		Used
0225	SLN	Subline Item Detail	O	>1		Used
0250	W6	Special Handling Information	O	1		Used
0300	G69	Line Item Detail - Description	O	5		Used
0400	N9	Extended Reference Information	O	>1		Used
0500	W20	Line Item Detail - Packing	O	3		Used
0800	AMT	Monetary Amount Information	O	>1		Used
0900	G62	Date/Time	O	10		Used
1050	MEA	Measurements	O	>1		Used

# W01 Line Item Detail - Warehouse

Pos: 0200	Max: 1
Detail - Optional	
Loop: 0310	Elements: 11

**User Option (Usage):** Used**Purpose:** To transmit basic and most frequent shipment-related line-item data elements**Note 1:***This segment is used only for an Item Warehouse Shipping Order.***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	380	<b>Quantity</b>	M	R	1/15	Must use
		<b>Description:</b> Numeric value of quantity				
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				

**CodeList Summary** (Total Codes: 905, Included: 160)**Code Name**

12	Packet
15	Stick
1N	Count
26	Actual Tons
2W	Bin
	<b>Description:</b> Storage container used as a unit of measurement
50	Actual Kilograms
AF	Centigram
	<b>Description:</b> A unit of metric weight equal to 0.01 gram or 0.000035 ounce
AM	Ampoule
AR	Suppository
AS	Assortment
AV	Capsule
	<b>Description:</b> A compact metallic or plastic container for liquids or solids
AZ	British Thermal Units (BTUs) per Pound
BA	Bale
BF	Board Feet
BG	Bag
BK	Book
BO	Bottle
BP	100 Board Feet
BR	Barrel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius

**Code Name**

	<b>Note 1:</b> <i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit <b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit <b>Note 1:</b> <i>Degrees</i>
FG	Transdermal Patch <b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot <b>Note 1:</b> <i>Feet</i>
FZ	Fluid Ounce (Imperial) <b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack



**Code Name**

H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	<b>Description:</b> <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot

**Note 1:**

<u>Code</u>	<u>Name</u>
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<b>Note 1:</b>
	<i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MR	Meter
NG	Net Gallons
OP	Two pack
OZ	Ounce - Av
P1	Percent
P3	Three pack
P4	Four-pack
P5	Five-pack
P6	Six pack
P7	Seven pack
P8	Eight-pack
P9	Nine pack
PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy
	<b>Description:</b> <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	<b>Description:</b> <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	<b>Description:</b> <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube

**Code Name**

- TC Truckload
- TE Tote
- TH Thousand
- TK Tank
- TM Thousand Feet (Board)
- TP Ten-pack
- TS Thousand Square Feet
- U2 Tablet

**Description:** *A compressed or molded block of solid material; a collection of sheet paper glued together at one edge*

- UN Unit
- V2 Pouch
- VI Vial
- WG Wine Gallon
- Y4 Tub

**Description:** *A measure used to identify a storage container*

- YD Yard
- YR Years
- Z7 13-pack Marketing
- Z9 14-pack Marketing
- ZF 16-pack Marketing
- ZG 48-pack Component Parts
- ZH 51-pack Component Parts
- ZI 52-pack Component Parts
- ZJ 60-pack Gift Packs
- ZK 72-pack Gift Packs
- ZL 83-pack Gift Packs
- ZM 10-pack Marketing
- ZN 120-pack Promotional
- ZO 150-pack Component Parts
- ZQ 200-pack Component Parts
- ZR 1000-pack Component Parts
- ZS 15-Pack

W0104 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

- AG Age

**Description:** *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

**Note 1:**

*Used only by the alcohol beverage industry.*

- BC Supplier Brand Code
- BL Brand/Label
- BO Buyers Color

**Code Name**

BV Beverage Common Code

**Note 1:**

*Used only by the alcohol beverage industry.  
See External Code Source 467 in Section III for reference document.*

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

CN Commodity Name

**Note 1:**

*Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

IN Buyer's Item Number

IS International Standard Serial Number (ISSN)

IT Buyer's Style Number

IZ Buyer's Size Code

LT Lot Number

MN Model Number

ND National Drug Code (NDC)

**Note 1:**

*Used only by the Canadian pharmaceutical retail industry.*

P8 Retail Price Look Up Number (PLU)

PJ Product Date Code (A code indicating the period during which a product was manufactured.)

PL Purchaser's Order Line Number

SM National Retail Federation Size Code

**Note 1:**

*This is the five-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

SZ Vendor Alphanumeric Size Code

UC Product Variant

**Note 1:**

**Code Name**

*The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.*

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

VT Vintage

**Description:** The harvest year of the grapes that are part of the composition of a particular wine

**Note 1:**

*Used only by the alcohol beverage industry.*

ZZ Mutually Defined

**Note 1:**

*Self-Identifying Container via Radio Frequency ID Device*

W0105	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

W0106	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

AG Age

**Description:** The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers

**Note 1:**

*Used only by the alcohol beverage industry.*

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

**Note 1:**

*Used only by the alcohol beverage industry.  
See External Code Source 467 in Section III for reference document.*

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

**Code Name**

CM	National Retail Federation Color Code
	<b>Note 1:</b> <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name
	<b>Note 1:</b> <i>Used only by the alcohol beverage industry.</i>
EN	GTIN-13
	<b>Description:</b> <i>A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>
EO	GTIN-8
	<b>Description:</b> <i>An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items</i>
FV	Drug Identification Number (DIN)
	<b>Note 1:</b> <i>See External Code Source 874 in Section III for reference document.</i>
IN	Buyer's Item Number
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IZ	Buyer's Size Code
LT	Lot Number
MN	Model Number
ND	National Drug Code (NDC)
	<b>Note 1:</b> <i>Used only by the Canadian pharmaceutical retail industry.</i>
P8	Retail Price Look Up Number (PLU)
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
PL	Purchaser's Order Line Number
SM	National Retail Federation Size Code
	<b>Note 1:</b> <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
UC	Product Variant
	<b>Note 1:</b> <i>The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.</i>
UK	GTIN-14
	<b>Description:</b> <i>A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>
UP	GTIN-12
	<b>Description:</b> <i>A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items</i>
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number

**Code Name**

VT Vintage  
**Description:** *The harvest year of the grapes that are part of the composition of a particular wine*

**Note 1:**  
*Used only by the alcohol beverage industry.*

ZZ Mutually Defined

**Note 1:**  
*Self-Identifying Container via Radio Frequency ID Device*

W0107 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

W0113 451 **Warehouse Lot Number** O AN 1/12 Used

**Description:** Reference number assigned by the warehouse

W0114 286 **Product/Service Condition Code** O ID 2/2 Used

**Description:** Code identifying condition of product/service

**CodeList Summary** (Total Codes: 10, Included: 9)

**Code Name**

- 01 Good
- 02 Damaged
- 03 Recouped
- 04 New Material
- 05 Suitable for Reuse without Reconditioning
- 06 Suitable for Reuse After Reconditioning
- 07 No longer useful for original purpose but still of some use
- 08 Junk Material
- 09 Hold or Reserve Stock

**Description:** *Stock held in reserve due to depositor instructions*

W0115 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

AG Age  
**Description:** *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

**Note 1:**  
*Used only by the alcohol beverage industry.*

- BC Supplier Brand Code
- BL Brand/Label
- BO Buyers Color
- BV Beverage Common Code

**Note 1:**  
*Used only by the alcohol beverage industry.  
 See External Code Source 467 in Section III for reference document.*

**Code Name**

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer’s shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

CN Commodity Name

**Note 1:**

*Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

IN Buyer's Item Number

IS International Standard Serial Number (ISSN)

IT Buyer's Style Number

IZ Buyer's Size Code

LT Lot Number

MN Model Number

ND National Drug Code (NDC)

**Note 1:**

*Used only by the Canadian pharmaceutical retail industry.*

P8 Retail Price Look Up Number (PLU)

PJ Product Date Code (A code indicating the period during which a product was manufactured.)

PL Purchaser's Order Line Number

SM National Retail Federation Size Code

**Note 1:**

*This is the five-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

SZ Vendor Alphanumeric Size Code

UC Product Variant

**Note 1:**

*The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.*

UK GTIN-14

**Description:** *A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1*



<u>Code</u>	<u>Name</u>
	<i>Company Prefix, Item Reference and Check Digit used to identify trade items</i>
UP	GTIN-12 <b>Description:</b> <i>A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items</i>
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number
VT	Vintage <b>Description:</b> <i>The harvest year of the grapes that are part of the composition of a particular wine</i>
	<b>Note 1:</b> <i>Used only by the alcohol beverage industry.</i>
ZZ	Mutually Defined <b>Note 1:</b> <i>Self-Identifying Container via Radio Frequency ID Device</i>

W0116	234	<b>Product/Service ID</b>	X	AN	1/80	Used
		<b>Description:</b>	Identifying number for a product or service			
W0117	560	<b>Special Services Code</b>	O	ID	2/10	Used

**Description:** Code identifying the special service  
**CodeList Summary** (Total Codes: 174, Included: 2)

<u>Code</u>	<u>Name</u>
10	First In First Out (FIFO) Oldest Product
11	Last In First Out (LIFO) Newest Product

**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.
4. P1011 - If either W0110 or W0111 is present, then the other is required.
5. P1516 - If either W0115 or W0116 is present, then the other is required.

**Semantics:**

1. W0101 is quantity ordered.

# SLN Subline Item Detail

Pos: 0225      Max: >1  
 Detail - Optional  
 Loop: 0310    Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify product subline detail item data

**Note 1:**

*To identify a substitute product:*  
 SLN01 - Value  
 SLN03 - U = Authorized Substitute  
 SLN04 - Quantity  
 SLN05 - Unit of measure  
 SLN09 - Product Identification  
     DE 235 values are VN, EO, EN, EN, UK, UP  
 SLN10 - Value

**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>
SLN01	350	<b>Assigned Identification</b>	M	AN	1/20	Must use
<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set						
SLN03	662	<b>Relationship Code</b>	M	ID	1/1	Must use
<b>Description:</b> Code indicating the relationship between entities						
<b>CodeList Summary</b> (Total Codes: 6, Included: 1)						
<b>Code Name</b>						
U    Authorized Substitute						
SLN04	380	<b>Quantity</b>	X	R	1/15	Used
<b>Description:</b> Numeric value of quantity						
SLN05	C001	<b>Composite Unit of Measure</b>	X	Comp		Used
<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)						
<b>Comments:</b>						
1. If C001-02 is not used, its value is to be interpreted as 1.						
2. If C001-03 is not used, its value is to be interpreted as 1.						
3. If C001-05 is not used, its value is to be interpreted as 1.						
4. If C001-06 is not used, its value is to be interpreted as 1.						
5. If C001-08 is not used, its value is to be interpreted as 1.						
6. If C001-09 is not used, its value is to be interpreted as 1.						
7. If C001-11 is not used, its value is to be interpreted as 1.						
8. If C001-12 is not used, its value is to be interpreted as 1.						
9. If C001-14 is not used, its value is to be interpreted as 1.						
10. If C001-15 is not used, its value is to be interpreted as 1.						
SLN05-01	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						

**CodeList Summary** (Total Codes: 905, Included: 160)**Code Name**

12 Packet

15 Stick

1N Count

26 Actual Tons

2W Bin

**Description:** Storage container used as a unit of measurement

50 Actual Kilograms

AF Centigram

**Description:** A unit of metric weight equal to 0.01 gram or 0.000035 ounce

AM Ampoule

AR Suppository

AS Assortment

AV Capsule

**Description:** A compact metallic or plastic container for liquids or solids

AZ British Thermal Units (BTUs) per Pound

BA Bale

BF Board Feet

BG Bag

BK Book

BO Bottle

BP 100 Board Feet

BR Barrel

BX Box

C3 Centiliter

CA Case

CC Cubic Centimeter

CE Centigrade, Celsius

**Note 1:***Degrees*

CF Cubic Feet

CH Container

CI Cubic Inches

CM Centimeter

CN Can

CR Cubic Meter

CT Carton

CW Hundred Pounds (CWT)

CX Coil

CY Cubic Yard

D1 Dollars, Canadian

DA Days

DC Disk (Disc)

DD Degree

DG Decigram

DL Deciliter

**Code Name**

DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit
	<b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit
	<b>Note 1:</b> <i>Degrees</i>
FG	Transdermal Patch
	<b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot
	<b>Note 1:</b> <i>Feet</i>
FZ	Fluid Ounce (Imperial)
	<b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack

<b>Code</b>	<b>Name</b>
J8	5000-Pack
J9	Left Unit
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	<b>Description:</b> <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot
	<b>Note 1:</b> <i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<b>Note 1:</b> <i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MR	Meter
NG	Net Gallons
OP	Two pack
OZ	Ounce - Av
P1	Percent

**Code Name**

P3 Three pack

P4 Four-pack

P5 Five-pack

P6 Six pack

P7 Seven pack

P8 Eight-pack

P9 Nine pack

PC Piece

PD Pad

PF Pallet (Lift)

PH Pack (PAK)

PK Package

PL Pallet/Unit Load

PR Pair

PT Pint

QB Pages - Hardcopy

**Description:** *Number of printed pages delivered*

QT Quart

RL Roll

S9 Slip Sheet

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

SH Sheet

ST Set

SX Shipment

SY Square Yard

SZ Syringe

**Description:** *Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle*

TB Tube

TC Truckload

TE Tote

TH Thousand

TK Tank

TM Thousand Feet (Board)

TP Ten-pack

TS Thousand Square Feet

U2 Tablet

**Description:** *A compressed or molded block of solid material; a collection of sheet paper glued together at one edge*

UN Unit

V2 Pouch

VI Vial

WG Wine Gallon

Y4 Tub

**Description:** *A measure used to identify a storage container*

YD Yard

**Code Name**

YR	Years
Z7	13-pack Marketing
Z9	14-pack Marketing
ZF	16-pack Marketing
ZG	48-pack Component Parts
ZH	51-pack Component Parts
ZI	52-pack Component Parts
ZJ	60-pack Gift Packs
ZK	72-pack Gift Packs
ZL	83-pack Gift Packs
ZM	10-pack Marketing
ZN	120-pack Promotional
ZO	150-pack Component Parts
ZQ	200-pack Component Parts
ZR	1000-pack Component Parts
ZS	15-Pack

SLN09 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 527, Included: 5)

**Code Name**

EN	GTIN-13
	<b>Description:</b> A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items
EO	GTIN-8
	<b>Description:</b> An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items
UK	GTIN-14
	<b>Description:</b> A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items
UP	GTIN-12
	<b>Description:</b> A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items
VN	Vendor's (Seller's) Item Number

SLN10 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

**Syntax Rules:**

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.

8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

### **Semantics:**

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

### **Comments:**

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.



# W6 Special Handling Information

Pos: 0250	Max: 1
Detail - Optional	
Loop: 0310	Elements: 4

**User Option (Usage):** Used

**Purpose:** To provide special handling information that may be 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

**Description:** Code specifying special transportation handling instructions

**CodeList Summary** (Total Codes: 580, Included: 19)

**Code Name**

- AC Customer Required Packing List
- AD Customer Required PRO Number
- AE Customer Required Appointment Number
- FL Flammable
- FR Fragile - Handle with Care
- HM Endorsed as Hazardous Material
- SW Stretch Wrap

**Description:** *A high-tensile film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity.*

- UI Unitized
- 761 Written Proof of Delivery
- CBC Case Label Bar Code
- DNF Do Not Freeze
- Description:** *Specifies that the temperature of a shipment must not go below the freezing point during transit*
- MRF Refrigerated
- OPR Perishable
- OSB Stow Below Deck
- OTC Temperature Control
- PBC Pallet Label Bar Code
- PFH Protect From Heat
- PHR Per Hour Rates Applied
- SNM Transmit a Ship Notice/Manifest Transaction Set

W602	152	<b>Special Handling Code</b>	O	ID	2/3	Used
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**Description:** Code specifying special transportation handling instructions

**CodeList Summary** (Total Codes: 580, Included: 19)

**Code Name**

- AC Customer Required Packing List
- AD Customer Required PRO Number
- AE Customer Required Appointment Number
- FL Flammable
- FR Fragile - Handle with Care
- HM Endorsed as Hazardous Material

**Code Name**

SW	Stretch Wrap
	<b>Description:</b> <i>A high-tensile film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity.</i>
UI	Unitized
761	Written Proof of Delivery
CBC	Case Label Bar Code
DNF	Do Not Freeze
	<b>Description:</b> <i>Specifies that the temperature of a shipment must not go below the freezing point during transit</i>
MRF	Refrigerated
OPR	Perishable
OSB	Stow Below Deck
OTC	Temperature Control
PBC	Pallet Label Bar Code
PFH	Protect From Heat
PHR	Per Hour Rates Applied
SNM	Transmit a Ship Notice/Manifest Transaction Set

W603 152 **Special Handling Code** O ID 2/3 Used

**Description:** Code specifying special transportation handling instructions

**CodeList Summary** (Total Codes: 580, Included: 19)

**Code Name**

AC	Customer Required Packing List
AD	Customer Required PRO Number
AE	Customer Required Appointment Number
FL	Flammable
FR	Fragile - Handle with Care
HM	Endorsed as Hazardous Material
SW	Stretch Wrap
	<b>Description:</b> <i>A high-tensile film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity.</i>
UI	Unitized
761	Written Proof of Delivery
CBC	Case Label Bar Code
DNF	Do Not Freeze
	<b>Description:</b> <i>Specifies that the temperature of a shipment must not go below the freezing point during transit</i>
MRF	Refrigerated
OPR	Perishable
OSB	Stow Below Deck
OTC	Temperature Control
PBC	Pallet Label Bar Code
PFH	Protect From Heat
PHR	Per Hour Rates Applied
SNM	Transmit a Ship Notice/Manifest Transaction Set

W604 152 **Special Handling Code** O ID 2/3 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 specifying special transportation handling instructions				
		<b>CodeList Summary</b> (Total Codes: 580, Included: 19)				
		<b><u>Code</u></b>		<b><u>Name</u></b>		
		AC		Customer Required Packing List		
		AD		Customer Required PRO Number		
		AE		Customer Required Appointment Number		
		FL		Flammable		
		FR		Fragile - Handle with Care		
		HM		Endorsed as Hazardous Material		
		SW		Stretch Wrap		
				<b>Description:</b> <i>A high-tensile film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity.</i>		
		UI		Unitized		
		761		Written Proof of Delivery		
		CBC		Case Label Bar Code		
		DNF		Do Not Freeze		
				<b>Description:</b> <i>Specifies that the temperature of a shipment must not go below the freezing point during transit</i>		
		MRF		Refrigerated		
		OPR		Perishable		
		OSB		Stow Below Deck		
		OTC		Temperature Control		
		PBC		Pallet Label Bar Code		
		PFH		Protect From Heat		
		PHR		Per Hour Rates Applied		
		SNM		Transmit a Ship Notice/Manifest Transaction Set		

# G69 Line Item Detail - Description

Pos: 0300	Max: 5
Detail - Optional	
Loop: 0310	Elements: 1

**User Option (Usage):** Used

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

**Note 1:**

*This segment is used only for an Item Warehouse Shipping Order.*

**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	<b>Free-form Description</b>	M	AN	1/45	Must use

**Description:** Free-form descriptive text

# N9 Extended Reference Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: 0310	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

**Note 1:**

*This segment is used only for an Item Warehouse Shipping Order.*

**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 Identification Qualifier</b>	M	ID	2/3	Must use

**Description:** Code identifying the Reference Identification

**CodeList Summary** (Total Codes: 1820, Included: 8)

**Code Name**

- BV Purchase Order Line Item Identifier (Buyer)
- CO Customer Order Number

**Note 1:**

*Customer of retailer*

- DP Department Number
- LI Line Item Identifier (Seller's)
- MR Merchandise Type Code
- PC Production Code
- PD Promotion/Deal Number
- PO Purchase Order Number

N902	127	<b>Reference Identification</b>	X	AN	1/80	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**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.
2. N907 contains data relating to the value cited in N902.

# W20 Line Item Detail - Packing

Pos: 0500	Max: 3
Detail - Optional	
Loop: 0310	Elements: 10

**User Option (Usage):** Used**Purpose:** To specify packing details of the items shipped**Note 1:***This segment is used only for an Item Warehouse Shipping Order.***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

**Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container

W2002	357	<b>Size</b>	X	R	1/8	Used
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**Description:** Size of supplier units in pack

W2003	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken**CodeList Summary** (Total Codes: 905, Included: 160)**Code Name**

12 Packet

15 Stick

1N Count

26 Actual Tons

2W Bin

**Description:** Storage container used as a unit of measurement

50 Actual Kilograms

AF Centigram

**Description:** A unit of metric weight equal to 0.01 gram or 0.00035 ounce

AM Ampoule

AR Suppository

AS Assortment

AV Capsule

**Description:** A compact metallic or plastic container for liquids or solids

AZ British Thermal Units (BTUs) per Pound

BA Bale

BF Board Feet

BG Bag

BK Book

BO Bottle

BP 100 Board Feet

BR Barrel

BX Box

C3 Centiliter

**Code Name**

CA Case  
CC Cubic Centimeter  
CE Centigrade, Celsius

**Note 1:**

*Degrees*

CF Cubic Feet  
CH Container  
CI Cubic Inches  
CM Centimeter  
CN Can  
CR Cubic Meter  
CT Carton  
CW Hundred Pounds (CWT)  
CX Coil  
CY Cubic Yard  
D1 Dollars, Canadian  
DA Days  
DC Disk (Disc)  
DD Degree  
DG Decigram  
DL Deciliter  
DM Decimeter  
DO Dollars, U.S.  
DR Drum  
DS Display  
DZ Dozen  
EA Each  
EP Eleven pack  
F2 International Unit

**Description:** *A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin*

FA Fahrenheit

**Note 1:**

*Degrees*

FG Transdermal Patch

**Description:** *A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin*

FO Fluid Ounce

FT Foot

**Note 1:**

*Feet*

FZ Fluid Ounce (Imperial)

**Description:** *A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters*

GA Gallon  
GN Gross Gallons  
GR Gram

**Code Name**

GS	Gross
H3	18-Pack
H5	22-Pack
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	<b>Description:</b> <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit



**Code Name**

LB Pound

LF Linear Foot

**Note 1:***Running Feet*

LT Liter

LY Linear Yard

**Note 1:***Running Yard*

M4 Monetary Value

MC Microgram

ME Milligram

MJ Minutes

ML Milliliter

MM Millimeter

MO Months

MR Meter

NG Net Gallons

OP Two pack

OZ Ounce - Av

P1 Percent

P3 Three pack

P4 Four-pack

P5 Five-pack

P6 Six pack

P7 Seven pack

P8 Eight-pack

P9 Nine pack

PC Piece

PD Pad

PF Pallet (Lift)

PH Pack (PAK)

PK Package

PL Pallet/Unit Load

PR Pair

PT Pint

QB Pages - Hardcopy

**Description:** *Number of printed pages delivered*

QT Quart

RL Roll

S9 Slip Sheet

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

SH Sheet

ST Set

SX Shipment

SY Square Yard

SZ Syringe

**Code Name**

**Description:** Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle

- TB Tube
- TC Truckload
- TE Tote
- TH Thousand
- TK Tank
- TM Thousand Feet (Board)
- TP Ten-pack
- TS Thousand Square Feet
- U2 Tablet

**Description:** A compressed or molded block of solid material; a collection of sheet paper glued together at one edge

- UN Unit
- V2 Pouch
- VI Vial
- WG Wine Gallon
- Y4 Tub

**Description:** A measure used to identify a storage container

- YD Yard
- YR Years
- Z7 13-pack Marketing
- Z9 14-pack Marketing
- ZF 16-pack Marketing
- ZG 48-pack Component Parts
- ZH 51-pack Component Parts
- ZI 52-pack Component Parts
- ZJ 60-pack Gift Packs
- ZK 72-pack Gift Packs
- ZL 83-pack Gift Packs
- ZM 10-pack Marketing
- ZN 120-pack Promotional
- ZO 150-pack Component Parts
- ZQ 200-pack Component Parts
- ZR 1000-pack Component Parts
- ZS 15-Pack

W2004 81 **Weight** X R 1/10 Used

**Description:** Numeric value of weight

W2005 187 **Weight Qualifier** X ID 1/2 Used

**Description:** Code specifying the type of weight

**CodeList Summary** (Total Codes: 53, Included: 2)

**Code Name**

- G Gross Weight
- N Actual Net Weight

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W2006	188	<b>Weight Unit Code</b>	X	ID	1/1	Used

**Description:** Code specifying the weight unit

**CodeList Summary** (Total Codes: 8, Included: 4)

**Code Name**

- G Grams
- K Kilograms
- L Pounds
- O Ounces

W2007	395	<b>Unit Weight</b>	O	R	1/8	Used
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**Description:** Numeric value of weight per unit

W2008	183	<b>Volume</b>	X	R	1/8	Used
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**Description:** Value of volumetric measure

W2009	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 160)

**Code Name**

- 12 Packet
- 15 Stick
- 1N Count
- 26 Actual Tons
- 2W Bin

**Description:** Storage container used as a unit of measurement

- 50 Actual Kilograms
- AF Centigram

**Description:** A unit of metric weight equal to 0.01 gram or 0.000035 ounce

- AM Ampoule
- AR Suppository
- AS Assortment
- AV Capsule

**Description:** A compact metallic or plastic container for liquids or solids

- AZ British Thermal Units (BTUs) per Pound
- BA Bale
- BF Board Feet
- BG Bag
- BK Book
- BO Bottle
- BP 100 Board Feet
- BR Barrel
- BX Box
- C3 Centiliter
- CA Case
- CC Cubic Centimeter

<b>Code</b>	<b>Name</b>
CE	Centigrade, Celsius
	<b>Note 1:</b> <i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit
	<b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit
	<b>Note 1:</b> <i>Degrees</i>
FG	Transdermal Patch
	<b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot
	<b>Note 1:</b> <i>Feet</i>
FZ	Fluid Ounce (Imperial)
	<b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack

**Code Name**

H5	22-Pack
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	<b>Description:</b> <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot

**Code Name****Note 1:***Running Feet*

LT Liter  
LY Linear Yard

**Note 1:***Running Yard*

M4 Monetary Value  
MC Microgram  
ME Milligram  
MJ Minutes  
ML Milliliter  
MM Millimeter  
MO Months  
MR Meter  
NG Net Gallons  
OP Two pack  
OZ Ounce - Av  
P1 Percent  
P3 Three pack  
P4 Four-pack  
P5 Five-pack  
P6 Six pack  
P7 Seven pack  
P8 Eight-pack  
P9 Nine pack  
PC Piece  
PD Pad  
PF Pallet (Lift)  
PH Pack (PAK)  
PK Package  
PL Pallet/Unit Load  
PR Pair  
PT Pint  
QB Pages - Hardcopy

**Description:** *Number of printed pages delivered*

QT Quart  
RL Roll  
S9 Slip Sheet

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

SH Sheet  
ST Set  
SX Shipment  
SY Square Yard  
SZ Syringe

**Description:** *Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle*

**Code Name**

TB Tube  
 TC Truckload  
 TE Tote  
 TH Thousand  
 TK Tank  
 TM Thousand Feet (Board)  
 TP Ten-pack  
 TS Thousand Square Feet  
 U2 Tablet

**Description:** *A compressed or molded block of solid material; a collection of sheet paper glued together at one edge*

UN Unit  
 V2 Pouch  
 VI Vial  
 WG Wine Gallon  
 Y4 Tub

**Description:** *A measure used to identify a storage container*

YD Yard  
 YR Years  
 Z7 13-pack Marketing  
 Z9 14-pack Marketing  
 ZF 16-pack Marketing  
 ZG 48-pack Component Parts  
 ZH 51-pack Component Parts  
 ZI 52-pack Component Parts  
 ZJ 60-pack Gift Packs  
 ZK 72-pack Gift Packs  
 ZL 83-pack Gift Packs  
 ZM 10-pack Marketing  
 ZN 120-pack Promotional  
 ZO 150-pack Component Parts  
 ZQ 200-pack Component Parts  
 ZR 1000-pack Component Parts  
 ZS 15-Pack

W2010 397 **Color** O AN 1/10 Used

**Description:** 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.

# AMT Monetary Amount Information

Pos: 0800	Max: >1
Detail - Optional	
Loop: 0310	Elements: 2

**User Option (Usage):** Used

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

**Note 1:**

*This segment is used only for an Item Warehouse Shipping Order.*

*This segment may be used to convey pricing information related to the line item identified in the associated W01 segment.*

**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	1/3	Must use
<b>Description:</b> Code specifying the amount qualifier						
<b>CodeList Summary</b> (Total Codes: 1782, Included: 3)						
<b>Code Name</b>						
LI Line Item Unit Price						
LP List Price						
SP Sales Price						
AMT02	782	<b>Monetary Amount</b>	M	R	1/18	Must use
<b>Description:</b> Monetary amount						



# G62 Date/Time

<b>Pos: 0900</b>	<b>Max: 10</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

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

**Note 1:**

*This segment is used only for an Item Warehouse Shipping Order.  
 This segment may be used in the header area or the detail area, but not both. When this segment is used in the detail area for an Item Warehouse Shipping Order, it may be sent in the 0310 loop or the 0330 loop, but not both.  
 The dates specified in this G62 segment apply only to the line item identified in the W01 segment and all location(s) referenced in the SDQ segment(s) in the 0330 loop.*

**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

**Description:** Code specifying type of date

**CodeList Summary** (Total Codes: 142, Included: 8)

<u>Code</u>	<u>Name</u>
01	Cancel After This Date
02	Delivery Requested on This Date
04	Purchase Order Date
10	Requested Ship Date/Pickup Date
36	Expiration Date
37	Ship Not Before Date
38	Ship Not Later Than Date
47	Released

**Note 1:**

*Release*

G6202	373	<b>Date</b>	X	DT	8/8	Used
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**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.

# MEA Measurements

Pos: 1050	Max: >1
Detail - Optional	
Loop: 0310	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

## 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>
MEA01	737	Measurement Reference ID Code	O	ID	2/2	Used

**Description:** Code identifying the broad category to which a measurement applies

**CodeList Summary** (Total Codes: 172, Included: 2)

**Code Name**

- SF Shelf Life
- VD Variant Days

**Description:** *The number of days to be subtracted from the shelf life*

MEA03	739	Measurement Value	X	R	1/20	Used
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**Description:** The value of the measurement

## Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. E0412 - Only one of MEA04 or MEA12 may be present.
3. L050412 - If MEA05 is present, then at least one of MEA04 or MEA12 is required.
4. L060412 - If MEA06 is present, then at least one of MEA04 or MEA12 is required.
5. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
6. E0803 - Only one of MEA08 or MEA03 may be present.
7. P1112 - If either MEA11 or MEA12 is present, then the other is required.

## Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
2. MEA11 is the external code list for the unit of measure.
3. MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.

## Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

# W76 Total Shipping Order

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 5

**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	380	<b>Quantity</b>	M	R	1/15	Must use
		<b>Description:</b> Numeric value of quantity				
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

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

**CodeList Summary** (Total Codes: 905, Included: 160)

**Code Name**

- 12 Packet
- 15 Stick
- 1N Count
- 26 Actual Tons
- 2W Bin
- Description:** Storage container used as a unit of measurement
- 50 Actual Kilograms
- AF Centigram
- Description:** A unit of metric weight equal to 0.01 gram or 0.000035 ounce
- AM Ampoule
- AR Suppository
- AS Assortment
- AV Capsule
- Description:** A compact metallic or plastic container for liquids or solids
- AZ British Thermal Units (BTUs) per Pound
- BA Bale
- BF Board Feet
- BG Bag
- BK Book
- BO Bottle
- BP 100 Board Feet
- BR Barrel
- BX Box
- C3 Centiliter
- CA Case
- CC Cubic Centimeter
- CE Centigrade, Celsius

**Code Name****Note 1:***Degrees*

CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit

**Description:** *A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin*

FA	Fahrenheit
----	------------

**Note 1:***Degrees*

FG	Transdermal Patch
----	-------------------

**Description:** *A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin*

FO	Fluid Ounce
FT	Foot

**Note 1:***Feet*

FZ	Fluid Ounce (Imperial)
----	------------------------

**Description:** *A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters*

GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack

**Code Name**

H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	<b>Description:</b> <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot

**Note 1:**

<b>Code</b>	<b>Name</b>
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<b>Note 1:</b>
	<i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MR	Meter
NG	Net Gallons
OP	Two pack
OZ	Ounce - Av
P1	Percent
P3	Three pack
P4	Four-pack
P5	Five-pack
P6	Six pack
P7	Seven pack
P8	Eight-pack
P9	Nine pack
PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy
	<b>Description:</b> <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	<b>Description:</b> <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	<b>Description:</b> <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube

**Code Name**

- TC Truckload
- TE Tote
- TH Thousand
- TK Tank
- TM Thousand Feet (Board)
- TP Ten-pack
- TS Thousand Square Feet
- U2 Tablet

**Description:** *A compressed or molded block of solid material; a collection of sheet paper glued together at one edge*

- UN Unit
- V2 Pouch
- VI Vial
- WG Wine Gallon
- Y4 Tub

**Description:** *A measure used to identify a storage container*

- YD Yard
- YR Years
- Z7 13-pack Marketing
- Z9 14-pack Marketing
- ZF 16-pack Marketing
- ZG 48-pack Component Parts
- ZH 51-pack Component Parts
- ZI 52-pack Component Parts
- ZJ 60-pack Gift Packs
- ZK 72-pack Gift Packs
- ZL 83-pack Gift Packs
- ZM 10-pack Marketing
- ZN 120-pack Promotional
- ZO 150-pack Component Parts
- ZQ 200-pack Component Parts
- ZR 1000-pack Component Parts
- ZS 15-Pack

W7604 183 **Volume** X R 1/8 Used

**Description:** Value of volumetric measure

W7605 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

**CodeList Summary** (Total Codes: 905, Included: 160)

**Code Name**

- 12 Packet
- 15 Stick
- 1N Count
- 26 Actual Tons
- 2W Bin

**Code Name**

<b>Code</b>	<b>Name</b>
	<b>Description:</b> <i>Storage container used as a unit of measurement</i>
50	Actual Kilograms
AF	Centigram
	<b>Description:</b> <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i>
AM	Ampoule
AR	Suppository
AS	Assortment
AV	Capsule
	<b>Description:</b> <i>A compact metallic or plastic container for liquids or solids</i>
AZ	British Thermal Units (BTUs) per Pound
BA	Bale
BF	Board Feet
BG	Bag
BK	Book
BO	Bottle
BP	100 Board Feet
BR	Barrel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
	<b>Note 1:</b>
	<i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each



<b>Code</b>	<b>Name</b>
EP	Eleven pack
F2	International Unit <b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit <b>Note 1:</b> <i>Degrees</i>
FG	Transdermal Patch <b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot <b>Note 1:</b> <i>Feet</i>
FZ	Fluid Ounce (Imperial) <b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler <b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet <b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill <b>Description:</b> <i>Refers to the number of refill units in a package</i>

**Code Name**

JN	Pan	<b>Description:</b> Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors
JP	Prepack	<b>Description:</b> To indicate this is "n" assortment product with different UPC codes on it
JS	Use	<b>Description:</b> Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)
JT	Tin	<b>Description:</b> Refers to giftware products in a tin
JV	Ovule	<b>Description:</b> Refers to products which come in "ovule" form
JX	Exposure	<b>Description:</b> To be used to indicate the number of exposures on a roll of film
KE	Keg	<b>Description:</b> A unit of weight equal to 100 pounds, used for nails
KG	Kilogram	
KT	Kit	
L1	Right Unit	
LB	Pound	
LF	Linear Foot	
	<b>Note 1:</b>	
		<i>Running Feet</i>
LT	Liter	
LY	Linear Yard	
	<b>Note 1:</b>	
		<i>Running Yard</i>
M4	Monetary Value	
MC	Microgram	
ME	Milligram	
MJ	Minutes	
ML	Milliliter	
MM	Millimeter	
MO	Months	
MR	Meter	
NG	Net Gallons	
OP	Two pack	
OZ	Ounce - Av	
P1	Percent	
P3	Three pack	
P4	Four-pack	
P5	Five-pack	
P6	Six pack	
P7	Seven pack	
P8	Eight-pack	
P9	Nine pack	

**Code Name**

PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy
	<b>Description:</b> <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	<b>Description:</b> <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	<b>Description:</b> <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube
TC	Truckload
TE	Tote
TH	Thousand
TK	Tank
TM	Thousand Feet (Board)
TP	Ten-pack
TS	Thousand Square Feet
U2	Tablet
	<b>Description:</b> <i>A compressed or molded block of solid material; a collection of sheet paper glued together at one edge</i>
UN	Unit
V2	Pouch
VI	Vial
WG	Wine Gallon
Y4	Tub
	<b>Description:</b> <i>A measure used to identify a storage container</i>
YD	Yard
YR	Years
Z7	13-pack Marketing
Z9	14-pack Marketing
ZF	16-pack Marketing
ZG	48-pack Component Parts
ZH	51-pack Component Parts
ZI	52-pack Component Parts

<b>Code</b>	<b>Name</b>
ZJ	60-pack Gift Packs
ZK	72-pack Gift Packs
ZL	83-pack Gift Packs
ZM	10-pack Marketing
ZN	120-pack Promotional
ZO	150-pack Component Parts
ZQ	200-pack Component Parts
ZR	1000-pack Component Parts
ZS	15-Pack

### **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.

### **Semantics:**

1. W7601 is quantity ordered.

### **Comments:**

1. Quantity ordered (W7601) is a hash total and the unit of measure is not required.

# SE Transaction Set Trailer

Pos: 0200	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

**Description:** 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
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Note 1:** *This must be the same number as is in the ST segment (ST02) for the transaction set.*

## Comments:

- SE is the last segment of each transaction set.