



940 Warehouse Shipping Order - Canada

VICS EDI

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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
LOOP ID - 0100					10			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	13
1000	G61	Contact	O	3			Used	14
1100	G62	Date/Time	O	10			Used	15
1200	NTE	Note/Special Instruction	O	>1			Used	17
1300	W09	Equipment and Temperature	O	1			Used	18
1400	W66	Warehouse Carrier Information	O	1			Used	20
* 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
* LOOP ID - 0150					1			N/A
* 1570	TD3	Carrier Details (Equipment)	O	1				N/A
* 1580	AT9	Trailer or Container Dimension and Weight	O	1				N/A
* LOOP ID - 0200					10			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>
<u>LOOP ID - 0300</u>						<u>>1</u>		22
0050	LX	Transaction Set Line Number	O	1			Used	23
0100	MAN	Marks and Numbers Information	O	>1			Used	24
* 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
<u>LOOP ID - 0310</u>						<u>>1</u>		27
0200	W01	Line Item Detail - Warehouse	O	1			Used	28
0225	SLN	Subline Item Detail	O	>1			Used	38
0250	W6	Special Handling Information	O	1			Used	45
0300	G69	Line Item Detail - Description	O	5			Used	48
0400	N9	Extended Reference Information	O	>1			Used	49
* 0450	NTE	Note/Special Instruction	O	>1				N/A
0500	W20	Line Item Detail - Packing	O	3			Used	50
* 0700	QTY	Quantity Information	O	10				N/A
0800	AMT	Monetary Amount Information	O	>1			Used	60
0900	G62	Date/Time	O	10			Used	61
* 1000	G66	Transportation Instructions	O	1				N/A
1050	MEA	Measurements	O	>1			Used	62
* <u>LOOP ID - N1</u>						<u>>1</u>		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
* <u>LOOP ID - 0320</u>						<u>10</u>		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
* LOOP ID - LS					1			N/A
* 1350	LS	Loop Header	O	1				N/A
* LOOP ID - 0330					≥1	N2/1400L		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
* LOOP ID - 0331					10			N/A
* 1800	LM	Code Source Information	O	1				N/A
* 1900	LQ	Industry Code Identification	M	100				N/A
* LOOP ID - 0332					≥1			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
* LOOP ID - 0340					≥1			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	63
0200	SE	Transaction Set Trailer	M	1			Must use	73

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 uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 320, 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	Order Status Code	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

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

Replace all details about a previously transmitted warehouse shipping order

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

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

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

CodeList Summary (Total Codes: 543, Included: 1)

Code Name

CL Customer Allocation

Direct shipment to end consumer

Syntax Rules:

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

Loop Party Identification

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

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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	Entity Identifier Code	M	ID	2/3	Must use

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

CodeList Summary (Total Codes: 1521, Included: 13)

Code Name

- BS Bill and Ship To
- BT Bill-to-Party
- CI Consignor
- CN Consignee
- DC Destination Carrier
- Pool distributor*
- DE Depositor
- DS Distributor
- MA Party for whom Item is Ultimately Intended
- Buyers ultimate distribution location, e.g. Store*
- OB Ordered By
- Customer of retailer*
- SF Ship From
- SH Shipper
- ST Ship To
- WH Warehouse

N102	93	Name	X	AN	1/60	Used
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Description: Free-form name

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

CodeList Summary (Total Codes: 251, Included: 9)

Code Name

- 1 D-U-N-S Number, Dun & Bradstreet
- See External Code Source 16 in Section III for reference document.*
- 2 Standard Carrier Alpha Code (SCAC)

Code Name

						<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				<i>See External Code Source 16 in Section III for reference document.</i>
21		Health Industry Number (HIN)				<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)				
		Description: <i>A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system</i>				
		<i>This is the 13-digit Global Location Number (GLN).</i>				
		<i>See External Code Source 583 in Section III for reference document.</i>				

N104	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

Note 1: *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.*

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	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: 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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 0700	Max: 1
Heading - Optional	
Loop: 0100	Elements: 6

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
		Note 1: See External Code Source 22 in Section III for reference document.				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		Note 1: See External Code Source 51 in Section III for reference document.				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		Note 1: See External Code Source 5 in Section III for reference document.				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location				
		CodeList Summary (Total Codes: 184, Included: 1)				
		Code Name				
		FF Foreign Freight Forwarder Location				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				
		Note 1: To specify the foreign language required.				
		<i>EN English</i>				
		<i>FR French</i>				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. 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.

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:

<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	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1795, Included: 11)

Code Name

55	Sequence Number
CO	Customer Order Number
	<i>Customer of retailer</i>
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

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

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	Contact Function Code	M	ID	2/2	Must use
<p>Description: Code identifying the major duty or responsibility of the person or group named</p> <p>CodeList Summary (Total Codes: 241, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>CR Customer Relations</p>						
G6102	93	Name	M	AN	1/60	Must use
<p>Description: Free-form name</p>						
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type of communication number</p> <p>CodeList Summary (Total Codes: 42, Included: 4)</p> <p><u>Code</u> <u>Name</u></p> <p>EA Internet Email Address</p> <p>Description: <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	Communication Number	X	AN	1/256	Used
<p>Description: 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: 139, 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

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

Release

G6204	337	Time	X	TM	4/8	Used
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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)

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	Note Reference Code	O	ID	3/3	Used

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

CodeList Summary (Total Codes: 357, Included: 5)

Code Name

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

NTE02	352	Description	M	AN	1/80	Must use
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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
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Description: Temperature

W0903	355	Unit or Basis for Measurement Code	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: 895, Included: 2)

Code Name

- CE Centigrade, Celsius
Degrees
- FA Fahrenheit
Degrees

W0904	408	Temperature	X	R	1/4	Used
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Description: Temperature

W0905	355	Unit or Basis for Measurement Code	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

Note 1: See Section III for code list.

CodeList Summary (Total Codes: 895, Included: 2)

Code Name

- CE Centigrade, Celsius
Degrees
- FA Fahrenheit
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	Shipment Method of Payment	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	Transportation Method/Type Code	M	ID	1/2	Must use
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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	Pallet Exchange Code	O	ID	1/1	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code specifying pallet exchange instructions				
		CodeList Summary (Total Codes: 5, Included: 5)				
		Code Name				
		1 No Exchange/No Return				
		2 Exchange Pallets				
		3 Return Pallets				
		4 Pallets to be Purchased by Customer				
		5 Third-Party Pallet Exchange				
		Description: <i>A pallet exchange program where a third party rents pallets for internal or external use</i>				
W6604	400	Unit Load Option Code	O	ID	2/2	Used
		Description: Code identifying loading or unloading a shipment				
		CodeList Summary (Total Codes: 12, Included: 3)				
		Code Name				
		01 Palletized				
		04 Slip Sheet				
		10 Shrink-wrap				
W6605	387	Routing	O	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
W6610	140	Standard Carrier Alpha Code	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
		Note 1: 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: 28, Included: 8)

Code Name

W Pallet Number

AA EAN.UCC Serial Shipping Container Code (SSCC)

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

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

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
Description: Marks and numbers used to identify a shipment or parts of a shipment						
MAN04	88	Marks and Numbers Qualifier	X	ID	1/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code specifying the application or source of Marks and Numbers (87)

Note 1: See MAN01 for code list.

CodeList Summary (Total Codes: 28, Included: 8)

Code Name

W Pallet Number

AA EAN.UCC Serial Shipping Container Code (SSCC)

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

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

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

MAN05	87	Marks and Numbers	X	AN	1/48	Used
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Description: Marks and numbers used to identify a shipment or parts of a shipment

MAN06	87	Marks and Numbers	O	AN	1/48	Used
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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	Quantity	M	R	1/15	Must use

Description: Numeric value of quantity

W0102	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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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: 895, 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
	<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
	Description: <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
	<i>Degrees</i>
FG	Transdermal Patch
	Description: <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
	<i>Feet</i>
FZ	Fluid Ounce (Imperial)
	Description: <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

Code Name

H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	Description: <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
	Description: <i>To denote items in caplet form</i>
JL	Refill
	Description: <i>Refers to the number of refill units in a package</i>
JN	Pan
	Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	Description: <i>Refers to giftware products in a tin</i>
JV	Ovule
	Description: <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	Description: <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	Description: <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
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<i>Running Yard</i>

Code	Name
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: <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	Description: <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <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)

Code Name

- 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: 537, Included: 33)

Code Name

- AG Age
Description: *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*
Used only by the alcohol beverage industry.
- BC Supplier Brand Code
- BL Brand/Label
- BO Buyers Color
- BV Beverage Common Code
Used only by the alcohol beverage industry.
See External Code Source 467 in Section III for reference document.
- CA Case
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

Code Name

	<i>encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.</i>
CG	Commodity Grouping
CH	Country of Origin Code
CM	National Retail Federation Color Code
	<i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name
	<i>Used only by the alcohol beverage industry.</i>
EN	GTIN EAN/UCC - 13 Digit Data Structure
	Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
EO	GTIN EAN/UCC - 8 Digit Data Structure
	Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
FV	Drug Identification Number (DIN)
	<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)
	<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
	<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
	<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-digit Data Structure
	Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
UP	GTIN UCC - 12 Digit Data Structure
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)
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

Code Name*particular wine**Used only by the alcohol beverage industry.*

ZZ Mutually Defined

*Self-Identifying Container via Radio Frequency ID Device*W0105 234 **Product/Service ID** X AN 1/80 Used**Description:** Identifying number for a product or serviceW0106 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: 537, Included: 33)**Code Name**

AG Age

Description: *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers**Used only by the alcohol beverage industry.*

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

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

CA Case

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

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

CN Commodity Name

Used only by the alcohol beverage industry.

EN GTIN EAN/UCC - 13 Digit Data Structure

Description: *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

Description: *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

FV Drug Identification Number (DIN)

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

Code Name

- MN Model Number
- ND National Drug Code (NDC)
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
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
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-digit Data Structure
Description: Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)
- UP GTIN UCC - 12 Digit Data Structure
Description: Data structure for the 12 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)
- 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
Used only by the alcohol beverage industry.
- ZZ Mutually Defined
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

Code Name

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: 537, Included: 33)

Code Name

AG Age

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

Used only by the alcohol beverage industry.

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

Used only by the alcohol beverage industry.

See External Code Source 467 in Section III for reference document.

CA Case

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

This is the three-digit NRF code.

See External Code Source 88 in Section III for reference document.

CN Commodity Name

Used only by the alcohol beverage industry.

EN GTIN EAN/UCC - 13 Digit Data Structure

Description: *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

Description: *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

FV Drug Identification Number (DIN)

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)

Used only by the Canadian pharmaceutical retail industry.

Code Name

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
	<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
	<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-digit Data Structure
	Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
UP	GTIN UCC - 12 Digit Data Structure
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)
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
	<i>Used only by the alcohol beverage industry.</i>
ZZ	Mutually Defined
	<i>Self-Identifying Container via Radio Frequency ID Device</i>

W0116	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

W0117	560	Special Services Code	O	ID	2/10	Used
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Description: Code identifying the special service

CodeList Summary (Total Codes: 174, Included: 2)

Code Name

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	Assigned Identification	M	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
SLN03	662	Relationship Code	M	ID	1/1	Must use
Description: Code indicating the relationship between entities						
CodeList Summary (Total Codes: 6, Included: 1)						
Code Name						
U Authorized Substitute						
SLN04	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
SLN05	C001	Composite Unit of Measure	X	Comp		Used
Description: To identify a composite unit of measure(See Figures Appendix for examples of use)						
Comments:						
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	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						

CodeList Summary (Total Codes: 895, 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

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

Code	Name
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit Description: <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 <i>Degrees</i>
FG	Transdermal Patch Description: <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 <i>Feet</i>
FZ	Fluid Ounce (Imperial) Description: <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 Description: <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

<u>Code</u>	<u>Name</u>
	Description: <i>To denote items in caplet form</i>
JL	Refill
	Description: <i>Refers to the number of refill units in a package</i>
JN	Pan
	Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	Description: <i>Refers to giftware products in a tin</i>
JV	Ovule
	Description: <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	Description: <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	Description: <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
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<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

Code Name

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: <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	Description: <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <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
	Description: <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
	Description: <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

Code Name

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: 518, Included: 5)

Code Name

EN GTIN EAN/UCC - 13 Digit Data Structure
Description: *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure
Description: *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

UK GTIN 14-digit Data Structure
Description: *Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

UP GTIN UCC - 12 Digit Data Structure
Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

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	Special Handling Code	M	ID	2/3	Must use

Description: Code specifying special transportation handling instructions

CodeList Summary (Total Codes: 578, 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	Special Handling Code	O	ID	2/3	Used
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Description: Code specifying special transportation handling instructions

CodeList Summary (Total Codes: 578, 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
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

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

Description: Code specifying special transportation handling instructions

CodeList Summary (Total Codes: 578, 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

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>
		Description: Code specifying special transportation handling instructions				
		CodeList Summary (Total Codes: 578, Included: 19)				
		<u>Code</u>		<u>Name</u>		
		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: <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		
				Description: <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	Free-form Description	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	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1795, Included: 8)

Code Name

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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2001	356	Pack	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	Size	X	R	1/8	Used
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Description: Size of supplier units in pack

W2003	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: 895, 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

Code	Name
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
	<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
	Description: <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
	<i>Degrees</i>
FG	Transdermal Patch
	Description: <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
	<i>Feet</i>
FZ	Fluid Ounce (Imperial)
	Description: <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
	Description: <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
	Description: <i>To denote items in caplet form</i>
JL	Refill
	Description: <i>Refers to the number of refill units in a package</i>
JN	Pan
	Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	Description: <i>Refers to giftware products in a tin</i>
JV	Ovule
	Description: <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	Description: <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	Description: <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
	<i>Running Feet</i>

Code	Name
LT	Liter
LY	Linear Yard
	<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
	Description: <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	Description: <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <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

Code Name

- 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 defining the type of weight

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

Code Name

- G Gross Weight
- N Actual Net Weight

W2006 188 **Weight Unit Code** 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 **Unit Weight** O R 1/8 Used

Description: Numeric value of weight per unit

W2008 183 **Volume** X R 1/8 Used

Description: Value of volumetric measure

W2009 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: 895, 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

Degrees

- CF Cubic Feet
- CH Container
- CI Cubic Inches

Code Name

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: <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
	<i>Degrees</i>
FG	Transdermal Patch
	Description: <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
	<i>Feet</i>
FZ	Fluid Ounce (Imperial)
	Description: <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

Code	Name
HS	Hundred Square Feet
IH	Inhaler Description: <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 Description: <i>To denote items in caplet form</i>
JL	Refill Description: <i>Refers to the number of refill units in a package</i>
JN	Pan Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin Description: <i>Refers to giftware products in a tin</i>
JV	Ovule Description: <i>Refers to products which come in "ovule" form</i>
JX	Exposure Description: <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg Description: <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 <i>Running Feet</i>
LT	Liter
LY	Linear Yard <i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram
MJ	Minutes

Code Name

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*

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*

Code Name

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	Amount Qualifier Code	M	ID	1/3	Must use
Description: Code to qualify amount						
CodeList Summary (Total Codes: 1771, Included: 3)						
<u>Code</u> <u>Name</u>						
LI Line Item Unit Price						
LP List Price						
SP Sales Price						
AMT02	782	Monetary Amount	M	R	1/18	Must use
Description: Monetary amount						

G62 Date/Time

Pos: 0900	Max: 10
Detail - Optional	
Loop: 0310	Elements: 2

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	Date Qualifier	X	ID	2/2	Used

Description: Code specifying type of date

CodeList Summary (Total Codes: 139, Included: 8)

Code Name

- 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

Release

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

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: 4

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>
W7602	81	Weight	X	R	1/10	Used

Description: Numeric value of weight

W7603	355	Unit or Basis for Measurement Code	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: 895, 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

Degrees

CF Cubic Feet

CH Container

Code Name

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

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

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

H6 30-Pack

H7 38-Pack

H8 62-Pack

H9 75-Pack

HC Hundred Count

HL Hundred Feet - Linear

Code Name

HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	Description: <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
	Description: <i>To denote items in caplet form</i>
JL	Refill
	Description: <i>Refers to the number of refill units in a package</i>
JN	Pan
	Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	Description: <i>Refers to giftware products in a tin</i>
JV	Ovule
	Description: <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	Description: <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	Description: <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
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram

Code Name

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: <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	Description: <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <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

Code Name

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: 895, 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

Code Name**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

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

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

Code	Name
FT	Foot
	<i>Feet</i>
FZ	Fluid Ounce (Imperial) Description: <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 Description: <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 Description: <i>To denote items in caplet form</i>
JL	Refill Description: <i>Refers to the number of refill units in a package</i>
JN	Pan Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin Description: <i>Refers to giftware products in a tin</i>
JV	Ovule

<u>Code</u>	<u>Name</u>
	Description: Refers to products which come in "ovule" form
JX	Exposure
	Description: To be used to indicate the number of exposures on a roll of film
KE	Keg
	Description: A unit of weight equal to 100 pounds, used for nails
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<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
	Description: Number of printed pages delivered
QT	Quart
RL	Roll
S9	Slip Sheet

Code Name

	Description: <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <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
	Description: <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
	Description: <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
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	Number of Included Segments	M	N0	1/10	Must use

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

SE02	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: *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.