



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 or other business party 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	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
* 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>		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
<u>LOOP ID - 0310</u>						<u>>1</u>		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
<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	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

Note 1: 940 Warehouse Shipping Order - Canada

CodeList Summary (Total Codes: 322, 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: 14, 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	Depositor Order Number	M	AN	1/22	Must use
W0503	324	Purchase Order Number	O	AN	1/22	Used
W0506	640	Transaction Type Code	O	ID	2/2	Used

Description: Identifying number for warehouse shipping order assigned by the depositor**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser**Description:** Code specifying the type of transaction**CodeList Summary** (Total Codes: 549, Included: 1)**Code Name**

CL	Customer Allocation
----	---------------------

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

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: 1536, 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	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 specifying the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 257, Included: 10)

<u>Code</u>	<u>Name</u>					
1	D-U-N-S Number, Dun & Bradstreet Note 1: <i>See External Code Source 16 in Section III for reference document.</i>					
2	Standard Carrier Alpha Code (SCAC) Note 1: <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 Note 1: <i>See External Code Source 16 in Section III for reference document.</i>					
21	Health Industry Number (HIN) Note 1: <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 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> Note 1: <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 Description: <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	Identification Code	X	AN	2/80	Used
Description: Code identifying a party or other code						
Note 1: <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	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: 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	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 specifying the 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	X	ID	3/15	Used
		Description: Code specifying 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>				
N408	1702	Postal Code-Formatted	X	AN	3/20	Used
		Description: 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:

<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 identifying the Reference Identification

CodeList Summary (Total Codes: 1873, 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

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
Description: Code identifying the major duty or responsibility of the person or group named						
CodeList Summary (Total Codes: 241, Included: 1)						
Code Name						
CR Customer Relations						
G6102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
Description: Code identifying the type of communication number						
CodeList Summary (Total Codes: 43, Included: 4)						
Code Name						
EA Internet Email Address						
Description: <i>Internet based electronic mail address with a structure of "ADDRESSEE @ DOMAIN NAME . DOMAIN NAME EXTENSION"</i>						
EM Electronic Mail						
FX Facsimile						
TE Telephone						
G6104	364	Communication Number	X	AN	1/2048	Used
Description: Complete communications number including country or area code when applicable						

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:

<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: 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
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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)

<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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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: 370, 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: 150, 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: 914, Included: 2)**Code Name**

CE Centigrade, Celsius

Note 1:*Degrees*

FA Fahrenheit

Note 1:*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: 914, 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	Shipment Method of Payment Code	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
-------	----	--	---	----	-----	----------

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

<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: A pallet exchange program where a third party rents pallets for internal or external use

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: Code identifying the 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	N0	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	Marks and Numbers Qualifier	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	Marks and Numbers	X	AN	1/48	Used
-------	----	--------------------------	---	----	------	------

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

MAN06	87	Marks and Numbers	O	AN	1/48	Used
-------	----	--------------------------	---	----	------	------

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

Syntax Rules:

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

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the

same physical container.

2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:

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

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

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: 914, 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: <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 Note 1: <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 Note 1: <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

Note 1:

Code	Name
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	Note 1:
	<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

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: 550, 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	Product/Service ID	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

W0106	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: 550, 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
	Note 1: <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name
	Note 1: <i>Used only by the alcohol beverage industry.</i>
EN	GTIN-13
	Description: <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
	Description: <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)
	Note 1: <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)
	Note 1: <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
	Note 1: <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
	Note 1: <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
	Description: <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
	Description: <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 serviceW0113 451 **Warehouse Lot Number** O AN 1/12 Used**Description:** Reference number assigned by the warehouseW0114 286 **Product/Service Condition Code** O ID 2/2 Used**Description:** Code identifying condition of product/service**CodeList Summary** (Total Codes: 16, Included: 9)**Code Name**

01 Good

Description: *A used item in good condition. The item shows wear from consistent use, but it remains in good condition and is usable. It may be marked, have identifying markings on it, or show other signs of previous use. Item instructions may be available.*

02 Damaged

Description: *A new, unused item that is damaged. The item meets manufacturer specifications and is usable. The item may be in its original packaging. Original manufacturer's warranty, if any, applies, with warranty details available. Item instructions, if any, may be available.*

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

Description: *Includes items that may be sold for parts*

08 Junk Material

Description: *Item or item components are recycled for purposes other than original use. Includes scrap materials*

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: 550, Included: 33)**Code Name**

AG Age

Code Name

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

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

Code Name

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 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

W0116	234	Product/Service ID	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

W0117	560	Special Services Code	O	ID	2/10	Used
-------	-----	------------------------------	---	----	------	------

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: 914, 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 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 Note 1: <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 Note 1: <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

Code	Name
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
	Note 1: <i>Running Feet</i>
LT	Liter
LY	Linear Yard
	Note 1: <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: <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

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: 589, 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: 589, 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: 589, 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: 589, 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

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 identifying the Reference Identification

CodeList Summary (Total Codes: 1873, 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	Reference Identification	X	AN	1/80	Must use
------	-----	---------------------------------	---	----	------	----------

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	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: 914, 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

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
	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

Code	Name
LB	Pound
LF	Linear Foot
	Note 1:
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	Note 1:
	<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

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	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: 914, 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

Code	Name
CE	Centigrade, Celsius
	Note 1: <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
	Note 1: <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
	Note 1: <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

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
	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

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	Amount Qualifier Code	M	ID	1/3	Must use
Description: Code specifying the amount qualifier						
CodeList Summary (Total Codes: 1789, Included: 3)						
Code Name						
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: 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	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: 176, 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	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
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
		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: 914, 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: <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 Note 1: <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 Note 1: <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

Note 1:

Code	Name
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	Note 1:
	<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

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: 914, Included: 160)

Code Name

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

Code	Name
	Description: <i>Storage container used as a unit of measurement</i>
50	Actual Kilograms
AF	Centigram
	Description: <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i>
AM	Ampoule
AR	Suppository
AS	Assortment
AV	Capsule
	Description: <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
	Note 1:
	<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

Code	Name
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 Note 1: <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 Note 1: <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>

Code Name

JN	Pan	Description: Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors
JP	Prepack	Description: To indicate this is "n" assortment product with different UPC codes on it
JS	Use	Description: Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)
JT	Tin	Description: Refers to giftware products in a tin
JV	Ovule	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	Note 1: <i>Running Feet</i>
LT	Liter	
LY	Linear Yard	Note 1: <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
	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
ZH	51-pack Component Parts
ZI	52-pack Component Parts

<u>Code</u>	<u>Name</u>
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:

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