

940 Warehouse Shipping Order

Version: 004010 X12

Company: WarehouseQuote

Document Management

Document Information

Revision	Author	Notes
Feb 2021	Annette Smith	Release 1 Version 1
Sept 2021	Annette Smith	Added Notes on N104
Oct 2022	Neil Wahab	Updated Formatting/Logo

Ids –

	Environment	ISA Qual / Id	GS Id
WarehouseQuote.com	Test	ZZ / WAQET	WAQET
	Production	ZZ / WAQE	WAQE

Communications –

The information for communications is based on the selection of protocol –

1. AS2 – preferred method.
2. SFTP

Once the protocol is agreed upon the details can be exchanged.

Introduction

This Draft Standard for Trail Use provides 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.

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Sample Data included on last two pages of document.

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Functional Group= OW

Purpose: This transaction set is used to enable a manufacturer, supplier, broker, or agent to provide detailed finished goods product information to a partner in a consumer goods market. This transaction set can be used to provide information about new products or changes in existing product specifications. Price changes will not be sent with this transaction set, but can be sent with the Price Change Transaction Set (879)

Not Defined:

<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>
	ISA	Interchange Control Header	M	1			Must Use
	GS	Functional Group Header	M	1			Must Use

Heading:
Table 1

<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>
0100	ST	Transaction Set Header	M	1			Must Use
0200	W05	Shipping Order Identification	M	1			Must Use
LOOP ID -0100					>1		Must Use
0400	N1	Name	O	1			Must Use
0600	N3	Address Information	O	2			Used
0700	N4	Geographic Location	O	1			Used
0900	N9	Reference Identification	O	2			Used
0110	G62	Date/Time	O	10			Used
0140	W66	Warehouse Carrier Information	O	1			Used

Table 2
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>
LOOP ID – 0300					>1		
0005	LX	Assigned Number	O	1			Used
LOOP ID – 0310					>1		
0020	W01	Line-Item Detail - Warehouse	O	1			Used
0030	G69	Line-Item Detail – Description	O	1			
0050	NTE	Note/Special Instruction	O	1			

Table 3

0010	W76	Total Shipment Information	O	1			Used
2000	SE	Transaction Set Trailer	M	1			Must Use

Not Defined:

<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>
	GE	Functional Group Trailer	M	1			Must Use
	IEA	Interchange Control Header	M	1			Must Use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined – Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must Use

Purpose: To start and identify an interchange of zero or more functional groups and Interchange-related control 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>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must Use
Description: Code to identify the type of information in the Authorization Information						
CodeList Summary (Total Codes: 7, Included: 1)						
<u>Code Name</u>						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	Authorization Information	M	AN	10/10	Must Use
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange: the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must Use
Description: Code to identify the type of information in the Security Information						
CodeList Summary (Total Codes: 2, Included 1)						
<u>Code Name</u>						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	Security Information	M	AN	10/10	Must Use
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must Use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
CodeList Summary (Total Codes: 38, Included 1)						
<u>Code Name</u>						
ZZ Mutually Defined Identification number ID						
<i>WarehouseQuote ID = ZZ:WAQE</i>						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must Use
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						

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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>
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must Use
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>All valid standard codes are used. (Total Codes: 38)</p>						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must Use
<p>Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them</p>						
ISA09	I09	Interchange Date	M	DT	8/8	Must Use
<p>Description: Date of the Interchange</p>						
ISA10	I09	Interchange Time	M	TM	4/4	Must Use
<p>Description: Time of the Interchange</p>						
ISA11	I65	Repetition Separator	M		1/1	Must Use
<p>Description: Type is not applicable, the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminatory</p>						
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must Use
<p>Description: Code specifying the version number of the interchange control segments</p> <p>CodeList Summary (Total Codes: 17, Included 1)</p> <p>Code Name</p> <p>00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999</p>						
ISA13	I12	Interchange Control Number	M	NO	9/9	Must Use
<p>Description: A control number assigned by the interchange sender</p>						
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must Use
<p>Description: Code sent by the sender to request an interchange acknowledgment (TA1)</p> <p>All valid standard codes are used. (Total Codes: 2)</p>						
ISA15	I14	Usage Indicator	M	ID	1/1	Must Use
<p>Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information</p> <p>CodeList Summary (Total Codes: 3, Included: 1)</p> <p>Code Name</p> <p>P Production Data</p>						

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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>
ISA16	I15	Component Element Separator	M		1/1	Must Use
<p>Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimit use to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator</p>						

GS Functional Group Header

Pos:	Max: 1
Not Defined – Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must Use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must Use
Description: Code identifying a group of application related transaction sets						
CodeList Summary (Total Codes:261, Included: 1)						
Code Name						
OW Warehouse Shipping Order						
GS02	142	Application Sender's Code	M	AN	2/15	Must Use
Description: Code identifying party sending transmission; codes agreed to by trading partners						
Warehouse Quote Note:						
Warehouse Quote ID WAQE						
GS03	124	Application Receiver's Code	M	AN	2/15	Must Use
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	Date	M	DT	8/8	Must Use
Description: Date Expressed as CCYYMMDD						
GS05	337	Time	M	TM	4/8	Must Use
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)						
GS06	28	Group Control Number	M	NO	1/9	Must Use
Description: Assigned number originated and maintained by the sender						
GS07	455	Responsible Agency Code	M	ID	1/2	Must Use
Description: Assigned number originated and maintained by the sender						
CodeList Summary (Total Codes:2, Included: 1)						
Code Name						
X Accredited Standards Committee X12						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	Type	<u>Min/Max</u>	<u>Usage</u>				
GS08	480	Version/Release/Industry Identifier Code	M	AN	1/12	Must Use				
<p>Description: Code indicating the version, release, sub release, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS Segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and sub release, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed</p> <p>CodeList Summary (Total Codes: 33, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>004010</td> <td>Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997
<u>Code</u>	<u>Name</u>									
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997									

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

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: 314, Included: 1)

Code Name

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ST02	329	Transaction Set Control Number	M	ID	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

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.

W05 Shipping Order Identification

 Pos: 0200 Max: 1
 Heading – Mandatory
 Loop: N/A Elements: 5

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: 12, Included: 3) Code Name N Original R Replacement D Deletion						
W0502	285	Depositor Order Number	M	AN	1/22	Must Use
Description: Identifying number for warehouse shipping order assigned by the depositor						
W0503	324	Purchase Order Number	O	AN	1/22	Must Use
Description: Identifying number for Purchase Order assigned by the ordered/purchaser						
W0504	472	Link Sequence Number	O	NO	6/6	Must Use
Description: A two-part number in the form “SSSTT” where “SSS” is a sequentially assigned number zeros are required for both “SSS” and “TTT”)						
W0505	474	Master Reference (Link) Number	O	AN	1/22	Must Use
Description: Reference number assigned by the sender to relate a transaction set to a master transaction (When associating a group of purchase orders, invoices, and other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group)						

WarehouseQuote Note: Order Alternate Reference – xDock

Loop Name

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

User Option (Usage): Must Use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0400	N1	Name	O	1		Used
0600	N3	Address Information	O	2		Used
0700	N4	Geographic Location	O	1		Used

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

N1 Name

User Option (Usage): Must Use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	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: 1312, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
		SF		Ship From		
		HA		Customer (TP Customer #)		
		EV		Selling Agent (Sales Channel)		
N102	93	Name	X	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	X	ID	1/2	Used
Description: Code designating the system/method of code structure used for identification code (67)						
CodeList Summary (Total Codes: 215, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		9		DUNS Number with 4 Character Suffix		
		91		Assigned by Seller		
		ZZ		Mutually Defined when (SF) sent		
N104	67	Identification Code	X	AN	2/80	Used
Description: Code identifying part or other code						
<i>WarehouseQuote Note: Reference Identification (if ST, Required WHQ Warehouse Code)</i>						
<i>(Note: If the HA qualifier is passed and you are sending data for multiple partners please assign a unique identifier)</i>						

N3 Name

Pos: 0600	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Must Use

Purpose: To identify 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 Description: Address information	M	AN	1/55	Must Use
N302	166	Address Information Description: Address information	O	AN	1/55	Used

N4 Name

Pos: 0700	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Must Use

Purpose: To identify 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
N402	156	State or Province Code	O	ID	2/2	Used
Description: Code (Standard State / Province) as defined by appropriate government agency						
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)						
N404	26	Country Code	O	ID	2/3	Used
Description: Code identifying the country						
<i>WarehouseQuote Note: US if not provided</i>						

N9 Reference Identification

Pos: 0900	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Must Use

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: 1503, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		1O		Consolidation Shipment Number		
		1V		Related Vendor Order Number		
		QK		Sales Channel (if applicable: Amazon, ebay)		
		PH		Priority Handling		
N902	127	Reference Identification	X	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N903	369	Free form information	X	AN	1/45	Used
		Description: Free-form descriptive text				

G62 Date/Time

Pos: 110	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must Use

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>
G6201	432	Date Qualifier	X	ID	2/2	Used
		Description: Code specifying type of data				
		<u>Code</u>		<u>Name</u>		
		04		Purchase Order Date		
		10		Ship Date		
		38		Ship Not Later Than Date		
		52		Order Date		
		68		Requested Delivery Date		
G6202	373	Date	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
		<i>WarehouseQuote Note:</i>				
		<i>CC first 2 digits of identifying Century</i>				
		<i>YY last two years within the Century</i>				
		<i>MM Month of Calendar Year (01 to 12)</i>				
		<i>DD Day of the Week (01-31)</i>				

W66 Warehouse Carrier Information

Pos: 0140	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Must Use

Purpose: To identify 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>
W6601	146	Shipment Method of Payment	M	ID	2/2	Must Use

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included 4)

<u>Code</u>	<u>Name</u>
CC	Collect
PP	Prepaid
PB	Customer Pick Up
PU	Pick Up
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: 71, Included: 3)

<u>Code</u>	<u>Name</u>
H	Customer Pick Up
M	Motor
U	Parcel Carrier
MP	Package Carrier
LT	LTL Less than Truck Load
T	Best Way
C	Customer Pick Up

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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>
W6605	387	Routing (Service Type)	O	AN	1/35	Must Use
Description: Free-form description of the routing or request routing for shipment, or the originating carrier's identity CodeList Summary (Total Codes: 71, Included: 3)						
		<u>Code</u>	<u>Name</u>			
		SG	Standard Ground			
		SE	Second Day			
		CG	Ground			
		ES	Expedited			
		ON	Overnight			
		ECONOMICAL	Economical			
		SHIP_STATION	Ship Station			
		LT	LTL Carrier			
W6610	140	Standard Carrier Alpha Code	O	ID	2/4	Must Use
Description: Standard Carrier Alpha Code <i>WarehouseQuote Note: SCAC code</i>						
		<u>Code</u>	<u>Name</u>			
		FDEX	Federal Express			
		UPSN	UPS			
		USPS	US Postal Service			
		RBTN	CH Robinson			
		NPLT	Northpoint Logistics			
		WAQE	WarehouseQuote.com			
		XPOL	XPO Logistics			
		SHIP	Ship Station			
		CUPU	Customer Pick Up			

LX Assigned Number

Pos: 005	Max: 1
Detail – Optional	
Loop: 0300	Elements: 1

User Option (Usage): Must Use

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

WarehouseQuote Note: Assigned Number (line number) must be unique in a transaction.

W01 Line-Item Detail – Warehouse

Pos: 020	Max: 1
Detail – Optional	
Loop: 0310	Elements: 10

User Option (Usage): Must Use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W0101	330	Quantity Ordered Description: Quantity ordered <i>User Note: A zero (0) quantity may be sent</i>	M	R	1/15	Must Use
W0102	355	Unit or Basis for Measurement Code 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: 794, Included 11)	M	ID	2/2	Must Use
		Code Name				
		CA Case				
		EA Each				
		PL Pallet				
		RL Roll				
		GLD Gaylord				
		SSK Supersack				
		LB Pound				
		BX Box				
		BG Bag				
		DR Drum				
		CT Carton				
W0103	438	U.P.C Case Code Description: Code (Universal Product Code – U.P. C.) including two high order digits identifying the “system” (U.S Grocery – 00, 06 or 07; U.S. Drug = 03; using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5))	X	AN	12/12	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W0104	235	Product/Service ID Qualifier	X	ID	2/2	Used

G69 Line-Item Detail Description

Pos: 0310	Max: 5
Detail – Optional	
Loop: 310	Elements: 1

User Option (Usage): Must Use

Purpose: To describe an item in free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6901	369	Free-form Description	M	AN	1/45	Used
		Description: Free-form descriptive Test				

NTE Note/Special Instruction

Pos: 0310	Max: >1
Detail – Optional	
Loop: 310	Elements: 1

User Option (Usage): Must Use

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction and/or notes to line-item detail

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				
		CodeList Summary (Total 251; Included 2)	O	ID	3/3	Used
		Code Name				
		SPH Special Handling				
		WHI Warehouse Instruction				
NTE02	352	Note Description	M	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

W76 Shipping Order

Pos: 0100	Max: 1
Summary – Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W7601	330	Quantity Ordered Description: Quantity ordered	M	R	1/15	Must Use
W7602	81	Weight Description: numeric value of weight	X	R	1/10	Used
W7603	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, r manner in which a measurement has been taken	X	ID	2/2	Used
CodeList Summary (Total Codes: 803; Included 2)						
		Code		Name		
		KG		Kilograms		
		LB		Pounds		

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
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<i>Note: The transaction set control number (SE02) is the same as that used in the corresponding header (ST02)</i>				

Comments:

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

GE Functional Group Trailer

Pos:	Max: 1
Not Defined – Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must Use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must Use
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	Group Control Number	M	N0	1/9	Must Use
Description: Assigned number originated						
<i>Note: The count of ST segments within the group</i>						

Semantics:

- The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

- The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined – Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must Use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must Use

Description: A count of the number of functional groups included in an interchange

WarehouseQuote Note: IEA01 contains the count of GS Segments within the transmission

IEA02	I12	Interchange Control Number	M	N0	9/9	Must Use
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Description: A control number assigned by the interchange sender

WarehouseQuote Note: IEA02 must be the same number as in the ISA segment (ISA13) for the transmission

Sample Transaction

940 From Partner

ISA*00* *00* *1*SHIPPER *ZZ*WAQE *210316*0853*U*00401*043000123* 0*T*>~
GS*OW*SHIPPER ID*WAQE*20210316*0853*000000123*X*004010~
ST*940*000006123~
W05*N*IF102*TO17**XDOC123~
N1*ST*CUSTOMER XYZ*ZZ*CUSTZZ123~
N3*123 CUSTOMER WAY~
N4*ANYTOWN*KS*66216*USA~
N1*SF*WAREHOUSE1*91*WH1~
N9*1V*XDOC123~
G62*10*20200313~
G62*52*20200314~
G62*38*20200314~
W66*PP*M***SG*****UPSN~
LX*10~
W01*3000*EA**VN*123456789*PJ*20190615*****TL9989898*RN*RLS565~
G69*WIDGETS 100 PER BOX~
NTE*SPH*HANDLE WITH CARE~
W76*3000*15000*LB~
SE*17*000006123~
GE*1*000000123~
IEA*1*043000123~

940 To Partner

ISA*00* *00* *ZZ* WAQE *ZZ* YOUR-ID-HERE *210316*1409*U*00401*043000123*0*P*>~
GS*OW*WAQE*YOUR-ID-HERE*20210316*1409*000000123*X*004010~
ST*940*000006123~
W05*N*IF102*TO17**XDOC123~
N1*ST*CUSTOMER XYZ*ZZ*CUSTZZZ123~
N3*123 CUSTOMER WAY~
N4*ANYTOWN*KS*66216*USA~
N1*SF*WAREHOUSE1*91*WH1~
N9*1V*XDOC123~
G62*10*20200313~
G62*52*20200314~
G62*38*20200314~
W66*PP*M***CG*****NPLT~
LX*10~
W01*3000*EA**VN*123456789*PJ*20190615*****TL9989898*RN*RLS565~
G69*WIDGETS 100 PER BOX~
NTE*SPH*Handle with care~
W76*3000*15000*LB~
SE*17*000006123~
GE*1*000000123~
IEA*1*043000123~