943 Stock Transfer Shipping Advice
Version: 004010 X12

Company: **WarehouseQuote**

Document Management

Document Information

Revision	Author	Notes
Dec 2019	David Vondrachek	Initial Version 943
Mar 2020	David Vondrachek	Updated to include segments for cross dock applications
Mar 2021	Annette Smith	Updated ISA/GS IDs for WHQ in the sample data
May 2021	Annette Smith	Updated format of implementation guide
Oct 2022	Neil Wahab	Updated Formatting/Logo
Dec 2022	Kathleen Kenkel	Added N9 segment at the header level

EDI Details

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

The transaction set can be used by a depositor or an agent of the depositor to advise the recipient that a transfer shipment has been made. This transaction set provides a receiving location with detail information concerning product being shipped to that location.

Table of Contents

Sample Data included on last two pages of document.

943 Warehouse Stock Transfer Shipment Advice

Functional Group= AR

Purpose: The Warehouse Stock Transfer Shipment Advice Transaction Set (943) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a depositor or an agent of the depositor to advise the recipient that a transfer shipment has been made. This transaction set provides a receiving location with detail information concerning product being shipped to that location.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must Use
	GS	Functional Group Header	M	1			Must Use

Heading:

Table 1

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0010	ST	Transaction Set Header	M	1			Must Use
0020	W06	Warehouse Shipment ID	M	1			Must Use
LOOP ID -0100					10		Must Use
0040	N1	Name	M	1			Must Use
0060	N3	Address Information	O	2			Used
0070	N4	Geographic Location	O	1			Used
0090	N9	Reference Identification	O	10			Used
0110	G62	Date/Time	O	5			Used
0120	NTE	Note/Special Instruction	O	20			Used
0130	W27	Carrier Detail	M	1			Must Use

Table 2

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID -0200 9999							
0020	W04	Item Detail Total	M	1			Used
0030	G69	Line Item Detail – Description	O	5			Used
0040	N9	Reference Identification	O	200			Used
0050	W20	Line-Item Detail – Miscellaneous	O	2			

Table 3

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0010	W03	Total Shipment Information	M	1			Used
0020	SE	Transaction Set Trailer	M	1			Must Use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)
Code Name
00   No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)
Code Name
00   No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)
Code Name
    ZZ   Mutually Defined Identification number ID
    WarehouseQuote ID =   ZZ:WAQE

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA07	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.
All valid standard codes are used. (Total Codes: 38)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must Use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I09	**Interchange Date**	M	DT	8/8	Must Use

Description: Date of the Interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA10	I09	**Interchange Time**	M	TM	4/4	Must Use

Description: Time of the Interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA11	I65	**Repetition Separator**	M		1/1	Must Use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must Use

Description: Code specifying the version number of the interchange control segments
CodeList Summary (Total Codes: 17, Included 1)
Code Name
00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must Use

Description: A control number assigned by the interchange sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must Use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)
All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must Use

Description: Code to indicate whether data enclose by this interchange envelop is test, production or information
CodeList Summary (Total Codes: 3, Included: 1)
Code Name
P   Production Data

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA16	I15	**Component Element Separator**	M		1/1	Must Use

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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
AR   Warehouse Stock Transfer Shipment Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must Use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must Use

Description: Date Expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must Use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version/Release/Industry Identifier Code**	M	AN	1/12	Must Use

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.

CodeList Summary (Total Codes: 33, Included: 1)

Code	Name
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: 0010	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

943   Warehouse Stock Transfer Shipment Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	ID	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.

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.

W06 Warehouse Shipment Identification

Pos: 0020	Max: 1
Heading – Mandatory	
Loop: N/A	Elements: 7

7User Option (Usage): Must Use
Purpose: To transmit identifying numbers and other basic data for this transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0601	514	**Reporting Code**	M	ID	1/1	Must Use

Description: Code identifying purpose of transaction set
CodeList Summary (Total Codes: 13, Included: 3)
Code   Name
F   Full Detail

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0602	285	**Depositor Order Number**	O	AN	1/22	Must Use

Description: Identifying number for warehouse shipping order assigned by the depositor. PO/Release number; not subject to modification

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0603	373	**Date**	O	DT	8/8	Must Use

Description: This references the receipt date – 'CCYYMMDD'
"CC" – first 2 digits of the calendar year.
"YY" – last 2 digits of the calendar year.
"MM" – month (01-12)
"DD" – day (01-31)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0604	145	**Shipment ID Number**	O	AN	1/30	Must Use

Description: Identification number assigned to the Shipment by the shipper that uniquely identifies the Shipment from origin to ultimate destination and is Not subject to modification

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0605	531	**Agent Shipment ID Number**	O	AN	1/12	Not Used

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0606	324	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22	Must Use
W0607	474	**Master Reference (Link) Number**	X	AN	1/22	Must Use

Syntax:

    1. P0708 If either W0607 or W0608 is present, then the order is required.

Semantics:

    W0603 is the actual date on which shipment was made

WAREHOUSE QUOTE

N1 Name

Pos: 0040	**Max: 1**
Heading - Optional	
Loop: 0100	**Elements: 4**

User Option (Usage): Must Use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
HA	Customer (TP Customer #)
SF	Ship From
WH	Warehouse
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 3)

Code	Name
9	DUNS Number with 4 Character Suffix
91	Assigned by Seller
ZZ	Mutually Defined;(SF)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying part or other code

WarehouseQuote Note: Reference Identification Number (Warehouse Code

Required for element 01 is 'WH')

(Note: If the HA qualifier is passed and you are sending data for multiple partners please assign a unique identifier)

N3 Name

Pos: 0060	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To identify of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 Name

Pos: 0070	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Used

Purpose: To identify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N404	26	**Country Code**	O	ID	2/3	Used

Description: Code identifying the country

WarehouseQuote Note: US if not provided

N9 Name

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:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 2)

Code	Name
SN	Seal Number
SQ	Container Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 0110	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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

Element Summary:

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

Description: Code specifying type of data

Code	Name
04	Purchase Order Date
11	Shipped Date
17	Estimated delivery date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6202	373	Date	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

WarehouseQuote Note:

CC first 2 digits of identifying Century

YY last two years within the Century

MM Month of Calendar Year (01 to 12)

DD Day of the Week (01-31)

NTE Note/Special Instruction

Pos: 0120   Max: 20
Heading – Optional
Loop: 310   Elements: 2

User Option (Usage): Used

Purpose: To specify details of the transportation equipment and carrier routing details.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**				
		CodeList Summary (Total 251; Included 1)	O	ID	3/3	Used

Code   Name

WHI   Warehouse Instruction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	352	**Note Description**	M	AN	1/80	Used

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

W27 Carrier Detail

Pos: 0130	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 3**

User Option (Usage): Must Use
Purpose: To specify details of the transportation equipment and carrier routing details.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2701	91	**Transportation Method of Payment**	M	ID	2/2	Must Use

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

CodeList Summary (Total Codes: 71, Included 3)

Code	Name
M	Motor
H	Customer Pick Up
U	Parcel Carrier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2702	140	**Standard carrier Alpha Code**	C	ID	2/4	Used

Description: Carrier alpha code describing the Carrier Company Name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2703	387	**Routing (Carrier Name)**	O	AN	1/35	Used

Description: Free-form description of the routing or request routing for shipment, or the originating carrier's identity

WarehouseQuote Note: Carrier Name

Syntax:

    At least one of W2702 or W2703 is required.

Semantics:

    W2702 is required when W2701 equals "B", "E", "H", "I", "K", "L", "M", "P" or "T".
    W2706 is required when W2701 equals "G" or "R".
w04

W04 Item Detail Total

Pos: 0020	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 10

User Option (Usage): Must Use

Purpose: To designate those line items that were shipped.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0401	382	**Number of Units Shipped**	M	R	1/10	Must Use

Description: Numeric value of units shipped in manufacturer's
Shipping units for a line item or a transaction set.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0402	355	**Unit or Basis for Measurement Code**	M	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: 477; 2 Included)

Code	Name
EA	Each
CA	Case

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0403	438	**U.P.C. Case Code**	X	AN	12/12	Used

Description: Code (Universal Product Code – UPC) including
Two high order digits identifying the "system" (US Grocery
= 00,06 or 07; US Drug = 03); using the US Grocery system,
the next ten digits are: Manufacturer (5) Case Code (5)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0404	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: 794; 1 Included)

Code	Name
VN	Vendor Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0405	234	**Product/Service ID Qualifier**	X	AN	1/48	Used

Description: Code Identifying the type/source of the descriptive
number used in Product/Service ID (235)

WarehouseQuote Note: Must match WarehouseQuote product code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0406	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: 794; 1 Included)

Code	Name
LT	Lot number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0407	234	**Product/Service ID Qualifier**	X	AN	1/48	Used

Description: Code Identifying the type/source of the descriptive number used in Product/Service ID (235)

Lot number assigned to the goods by manufacturer.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0408	59	**Freight Class Code**	O	AN	2/5	Not Used
W0409	121	**Rate Class Code**	O	ID	1/3	Not Used
W0410	23	**Commodity Code Qualifier**	X	ID	1/1	Not Used
W0411	22	**Commodity Code**	X	AN	1/30	Not Used
W0412	416	**Pallet Block and Tiers**	O	N0	6/6	Not Used
W0413	844	**Inbound Condition Hold Code**	M	ID	2/2	Used

Code designating condition status of units being shipped

CodeList Summary (Total Codes: 3; 3 Included)

Code	Name
01	QC Hold
02	Hold for further information
03	Committed hold

943 STOCK TRANSFER SHIPPING ADVICE – V4010

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0414	235	**Product/Service ID Qualifier**	O	ID	2/2	Used

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

CodeList Summary (Total Codes: 794; 1 Included)

Code	Name
PJ	Lot number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0415	234	**Product/Service ID Qualifier**	X	AN	1/48	Used

Description: Code Identifying the type/source of the descriptive number used in Product/Service ID (235)

WarehouseQuote: Manufacturing / Production Date Format Expressed – 'CCYYMMDD'

Syntax:

03	R0304	At least one of Q0403 or W0404 is required
04	P0405	If either W0404 or W0405 is present, then the other is required.
06	P0607	If either W0406 or W0407 is present, then the other is required.
10	P1011	If either W0410 or W0411 is present, then the other is required.
14	P1415	If either W0414 or W0415 is present, then the other is required.

G69 Line Item Detail - Description

Pos: 0030	Max: 5
Detail - Mandatory	
Loop: 0200	Elements: 1

User Option (Usage): Used

Purpose: To specify an item in free-form description.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6901	369	**Free-from Description**	M	AN	1/45	Must Use

Description: Free-form descriptive text

N9 Reference Identification

Pos: 0040	Max: 200
Detail - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used

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

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503; 4 Included)

Code	Name
LI	Line number
1O	Consolidation Shipment Number
1V	Related Vendor Order Number
LV	License Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Syntax:

02	R0203	At least one of N902 or N903 is required.
06	C0605	If N906 is present, then N905 is required.

Semantic Notes:

06	N906	reflects the time zone which the time reflects
07	N907	contains data relating to the value cited in N902.

W20 Line-item Detail - Miscellaneous

Pos: 0050	Max: 2
Detail - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used
Purpose: To specify packing details of the items shipped.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2001	356	**Pack**	O	N0	1/6	Not Used
W2002	357	**Size**	X	R	1/8	Not Used
W2003	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Not Used

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2004	81	**Weight**	X	R	1/10	Used

Description: Numeric value of weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2005	187	**Weight Qualifier**	X	ID	1/2	Used

Description: Code defining the type of weight
CodeList Summary (Total Codes: 54)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2006	188	**Weight Unit Code**	X	ID	1/1	Used

Description: Code specifying the weight unit
CodeList Summary (Total Codes: 8; 2 Included)

Code	Name
K	Kilograms
L	Pounds

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2007	395	**Unit Weight**	O	R	1/8	Used

Description: Numeric value of weight per unit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2008	183	**Volume**	O	R	1/8	Used

Description: Value of volumetric measure.

W03 Total Shipment Information

Pos: 0010		**Max: 1**
	Summary - Mandatory	
Loop: N/A		**Elements: 7**

User Option (Usage): Must Use

Purpose: To provide total relating to the shipment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0301 Use	382	**Number of Units Shipped**	M	R	1/10	Must

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0302	81	**Weight**	O	R	1/10	Used

Description: Numeric value of weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0303	355	**Unit of Basis for Measurement Code**	X	ID	2/2	Used

Description: Code defining the type of weight.
CodeList Summary (Total Codes: 1059: Included: 1)

Code	Name
LB	Pounds

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0305	183	**Volume**	X	ID	2/2	Used

Description: Value of volumetric measure.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0305	355	**Unit of Basis for Measurement Code**	X	ID	2/2	Used

Description: Code defining the type of weight.
CodeList Summary (Total Codes: 1059: Included: 1)

Code	Name
LB	Pounds

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0306	80	**Lading Quantity**	X	N0	1/7	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0307	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: 1059: Included:1)

Code	Name
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Note: The transaction set control number (SE02) is the same as that used in the corresponding header (ST02)

Comments:

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

GE Functional Group Trailer

<table>
<tr><td>Pos:</td><td>Max: 1</td></tr>
<tr><td colspan="2">Not Defined – Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must Use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	Group Control Number	M	N0	1/9	Must Use

Description: Assigned number originated

Note: The count of ST segments within the group

Semantics:

1. 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:

1. 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA02	I12	Interchange Control Number	M	N0	9/9	Must Use

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

01 Sample Transaction
WHQ is the receiver –

```
ISA*00*    *00*    *ZZ*YOUR-ID-HERE *ZZ*WAQE    *220601*1409*U*00401*043000123*0*T*>~
GS*AR*YOUR-ID-HERE*WAQE*20220601*1409*000000123*X*004010~
ST*943*000006123~
W06*F*Receipt #TO18*20220601*SI12345**PO5541*XDOC123~
N1*WH*WAREHOUSEQUOTE WHSE*ZZ*CHI~
N1*SF*SUPPLIER NAME*ZZ*SFCODE1~
N3*123 SUPPLIER WAY~
N4*ANYTOWN*KS*66206*US~
G62*04*20220601~
G62*11*20220605~
G62*17*20220627~
NTE*WHI*SPECIAL INSTRUCTIONS~
W27*M*WAQE~
W04*3000*EA*123456789*VN*ITEM123456789*LT*TL9989898*******PJ*20191116~
W69*ITEM DESCRIPTION~
N9*LI*10~
N9*1O*XDOC123~
N9*LV*LPN12355~
W03*3000*15000*L*62*E~
SE*18*000006123~
GE*1*000000123~
IEA*1*043000123~
```

Sample Transaction
WHQ is the sender –

```
ISA*00*      *00*       *ZZ*WAQE       *ZZ*YOUR-ID-HERE  *200901*1409*U*00401*043000123*0*t*>~
GS*AR*WAQE*YOUR-ID-HERE*20200901*1409*000000123*X*004010~
ST*943*000006123~
W06*F*Receipt #TO19*20200316*SI12346**PO5541*XDOC123~
N1*WH*WAREHOUSEQUOTE WHSE*ZZ*CHI~
N1*SF*SUPPLIER NAME*ZZ*SFCODE1~
N3*123 SUPPLIER WAY~
N4*ANYTOWN*KS*66206*US~
G62*04*20200122~
G62*11*20200326~
G62*17*20200327~
NTE*WHI*SPECIAL INSTRUCTIONS~
W27*M*WAQE~
W04*3000*EA*123456789*VN*ITEM123456789*LT*TL9989898*******PJ*20191116~
W69*ITEM DESCRIPTION~
N9*LI*10~
N9*1O*XDOC123~
N9*LV*LPN12355~
W03*3000*15000*L*62*E~
SE*18*000006123~
GE*1*000000123~
IEA*1*043000123~
```