

947 Warehouse Inventory Adjustment Advice Version: 004010 X12

Company: WarehouseQuote.com

Document Management**Document Information**

Revision	Author	Notes
Mar 2021	Annette Smith	Release 1 Version 1
Oct 2022	Neil Wahab	Updated Formatting / Logo

EDI Details

Ids –

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

Communications – (Inbound from Customer Only)

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 Trial Use contains the format and establishes the data contents of the Warehouse Inventory Adjustment Advice Transaction Set (947) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to inform a warehouse/depositor of a quantity or status change to inventory records. This transaction set provides detail information concerning the internal adjustments which occur between a warehouse and a depositor.

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947 Warehouse Inventory Adjustment Advice

Functional Group=AW

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:

<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>
010	ST	Transaction Set Header	M	1			Must Use
020	W15	Warehouse Adjustment Identification	M	1			Must Use
LOOP ID -0100					100		Must Use
040	N1	Name	M	1			Must Use

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		
020	W19	Warehouse Adjustment Item Detail	M	1		C2/020	Must Use
030	G69	Line Item Detail	O	5			Used

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>
2000	SE	Transaction Set Trailer	M	1			Must Use
	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>						
01 Duns (9 digit DUN & BRADSTREET # (this is just an example, as stated there are 38 options available)						
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
		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)				
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				
ISA09	I09	Interchange Date	M	DT	8/8	Must Use
		Description: Date of the Interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Must Use
		Description: Time of the Interchange				
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				
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				
ISA13	I12	Interchange Control Number	M	NO	9/9	Must Use
		Description: A control number assigned by the interchange sender				

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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>
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>						
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 delimiter 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						
AW Warehouse Inventory Adjustment Advice (947)						
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 Test ID WAQET Production 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						

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<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, subrelease, 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 subrelease, 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: 010	Max: 1
Heading – 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 Interchnage-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>
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.

W15 Warehouse Adjustment Identification

 Pos: 020 Max: 1
 Heading – Mandatory
 Loop: N/A Elements: 6

User Option (Usage): Must Use

Purpose: To provide identifying numbers and dates and other basic data for this transaction

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>				
W1501	373	Date	M	DT	8/8	Must Use				
Description: Date expressed as CCYYMMDD Activity or Creation Date CCYYMMDD										
W1502	31	Adjustment Number	X	AN	1/22	Must Use				
Description Identification assigned to an inventory level or status adjustment										
W1503	31	Adjustment Number	X	AN	1/22	Must Use				
Description Identification assigned to an inventory level or status adjustment										
W1504	353	Transaction Set Purpose Code	O	ID	2/2	Must Use				
Description: Code identifying purpose of transaction set										
CodeList Summary (Total Codes: 67, Included 1)										
<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00	Original
<u>Code</u>	<u>Name</u>									
00	Original									

Syntax:

1. If either W1502 or W1503 is present, then the other is required.

Semantics:

1. W1502 is the identification assigned to an inventory level or status adjustment by the warehouse
2. W1503 is the identification assigned to an inventory level or status adjustment by the depositor.

Pos: 0400	Max: 1
Heading - Mandatory	
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: 1)				
		<u>Code</u>		<u>Name</u>		
		SF		Ship From		
N102	93	Name	M	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	M	ID	1/2	Used
		Description: Code designating the system/method of code structure used for identification code (67)				
		CodeList Summary (Total Codes: 215, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		54		Warehouse		
N104	67	Identification Code	M	AN	2/80	Used
		Description: Code identifying part or other code				

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.

W19 Warehouse Adjustment Item Detail

 Pos: 020 Max: 1
 Detail – Mandatory
 Loop: 300 Elements: 18

User Option (Usage): Must Use

Purpose: To designate those items that were adjusted

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>
W1901	181	Quantity or Status Adjustment Reason Code CodeList Summary (Total Codes: 48, Included: 1) Code Name 03 Shipment Great than previously reported.	M	ID	2/2	Used
W1902	477	Credit/Debit Quantity Number of supplier units credited or debited.	M	R	1/10	Used
W1903	355	Unit of Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken (any valid code) CodeList Summary (Total Codes: 794, Included: 1) Code Name EA Each	M	ID	2/2	Used
W1905	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 719, Included: 1) Code Name SK Vendor's (Seller's) Item Number	M	ID	2/2	Used
W1906	234	Product/Service ID Identifying number for a product or service (Needs to match with the qualifier if VN then Vendor Item number needs to be in this field)	M	AN	1/48	Used

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W1907	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 719, Included: 1) Code Name VN Vendor's (Seller's) Item Number	M	ID	2/2	Used
W1908	234	Product/Service ID Identifying number for a product or service (Needs to match with the qualifier if VN then Vendor Item number needs to be in this field)	M	AN	1/48	Used
W1909	451	Warehouse Lot Number Reference number assigned by the warehouse	O	AN	1/12	Used
W1916	529	Inventory Transaction Type Code Code defining inventory activity CodeList Summary (Total Codes: 16)	O	ID	1/2	Used
W1917	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 719, Included: 1) Code Name UP Vendor's (Seller's) Item Number	M	ID	2/2	Used
W1918	234	Product/Service ID Identifying number for a product or service (Needs to match with the qualifier if UP then Universal Product Code Item number needs to be in this field) U.P.C. Consumer Package Code (1-5-5-1)	M	AN	1/48	Used

G69 Line Item Detail – Description

Pos: 030	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 1

User Option (Usage): Used

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 text				

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				

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

Comments:

- 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:

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:

<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 DATA

ISA*00* *00* *ZZ*WAQE *XX*TRADINGPARTNERID *210413*2129*^*00401*002262583*1*P*\~
GS*SW*WAQE*TRADINGPARTNERID*20210413*212917*2262583*X~
ST*947*00014203~
W15*20210413*W00014203*ADJUSTMENT W00014203~
N1*SF***EDG~
W19*AA*-.46*LB**VN*TRIREX 3022 U*KJ*W00014201-0001-BOX*OCU2E02*****AJ*DV*REG~
W19*AA*.46*LB**VN*INTEGRA PC-5022 F1 0001-SAMYANG*KJ*W00014201-0001-
BOX*OCU2E02*****AJ*DV*REG~
SE*7~
G69*PC, 15MFI, UV, CLEAR~
GE*1*2262583~
IEA*1*002262583~