



Hershey 947 Warehouse Inventory Adjustment Advice

X12/V4010/947 : 947 Warehouse Inventory Adjustment Advice

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947 Warehouse Inventory Adjustment Advice

Functional Group=AW

Purpose: 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.

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
<u>LOOP ID - 0100</u>					<u>100</u>		
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>
<u>LOOP ID - 0300</u>					<u>>1</u>		
020	W19	Warehouse Adjustment Item Detail	M	1			Must use
040	N9	Reference Identification	O	1			Used
040	N9	Reference Identification	O	1			Must use
040	N9	Reference Identification	O	1			Must use
080	G62	Date/Time	O	10			Used
210	SE	Transaction Set Trailer	O	1			Must use

ST Transaction Set Header

Pos: 010	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

Code List Summary (Total Codes: 298, Included: 1)

Code	Name
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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

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Example:

ST*947*0001~

W15 Warehouse Adjustment Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1501	373	Date	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Hershey Usage: *This is the date the adjustment was made at the warehouse.*

W1502	31	Adjustment Number	X	AN	1/22	Must use
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Description: Identification assigned to an inventory level or status adjustment

Hershey Usage: *Reference Number of the Adjustment in the Warehouse System.*

W1503	31	Adjustment Number	X	AN	1/22	Used
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Description: Identification assigned to an inventory level or status adjustment

Syntax Rules:

1. P0203 - 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.

Example:

W15*20230130*00000000000018772209~

Hershey Usage:

Send a separate 947 if the purpose of the 947 is to release the batch hold (W1901 value of 55)

Loop Name

Pos: 040	Repeat: 100
Mandatory	
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>
040	N1	Name	M	1		Must use

N1 Name

Pos: 040	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 3

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

Code List Summary (Total Codes: 1312, Included: 1)

Code Name

WH Warehouse

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

Code List Summary (Total Codes: 215, Included: 1)

Code Name

91 Assigned by Seller or Seller's Agent

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

Hershey Usage: *Hershey assigned warehouse number*

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.

Example:

*N1*WH**91*2533~*

Loop Warehouse Adjustment Item Detail

Pos: 020	Repeat: >1
Mandatory	
Loop: 0300	Elements: N/A

User Option (Usage): Must use

Purpose: To designate those items that were adjusted

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>
020	W19	Warehouse Adjustment Item Detail	M	1		Must use
040	N9	Reference Identification	O	1		Used
040	N9	Reference Identification	O	1		Must use
040	N9	Reference Identification	O	1		Must use
080	G62	Date/Time	O	10		Used

W19 Warehouse Adjustment Item Detail

Pos: 020	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 10

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	M	ID	2/2	Must use

Description: Code indicating reason for change in level or status of inventory

Code List Summary (Total Codes: 48, Included: 14)

Code Name

05	Product Put on Hold
07	Product Dumped or Destroyed
55	Product Taken Off Hold

Hershey Usage:

*Batch release from incubation.
Send a separate 947 if the purpose of the 947 is to release a batch hold. This code cannot be intermixed with other W1901 values.*

AA	Physical Count
AC	Condition Change
AE	Reidentification
AG	Ownership Change
AK	Transfer
AR	Order Shipment Error
AS	Recouping
AT	Prepack Preparation
AU	Damaged in Facility
AX	Shelf-life Obsolescence

Hershey Usage:

See attached matrix with conditions

PC	Product Reserved for Customer
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W1902	477	Credit/Debit Quantity	M	R	1/10	Must use
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Description: Number of supplier units credited or debited

W1903	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 794, Included: 3)

Code Name

CA	Case
LB	Pound
PL	Pallet/Unit Load

W1905	235	Product/Service ID Qualifier	X	ID	2/2	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>
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 477, Included: 1)

Code Name

VN Vendor's (Seller's) Item Number

W1906	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

W1907	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 477, Included: 1)

Code Name

ZZ Mutually Defined

Hershey Usage:

Code which identifies the Storage Location

W1908	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

W1909	451	Warehouse Lot Number	O	AN	1/12	Used
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Description: Reference number assigned by the warehouse

Hershey Usage: Reason code for damaged or hold adjustments: See attached matrix for use.

Code - Reason - Usage

0001 - Product Defect - Appearance, texture, flavor, odor, formula, etc.

0002 - Packaging Defect - Quality defects like loose flaps, tape not sticking, out of square, poor seals, etc. - case or retail unit

0003 - Graphics Defect - Unreadable, graphics error, UPC error, version error - retail unit or case

0004 - Code - Incorrect mfg. code, UPC code, Best Before date on retail unit or case, etc.

0005 - Weights - Under or over weight

0006 - Micro - Micro-biological testing is required.

0007 - Inhs-Dmg Whse/ Mfg - In-plant or in-house damage from manufacturing or warehouse equipment such as palletizers, conveyors, racks, forklifts, etc. Used for equipment or operator caused damages.

0008 - Foreign Object - Metal, plastic, wood or other contaminants

0009 - Test Product - New product test formulas, for example, that you would not want shipped

0010 - Incorrect Quantity/Mix - Wrong number of cases/pallet or retail units/case

0011 - LPN error - Pallet id/license plate error

0012 - Inhs-Dmg Case Dsgn - In-plant or in-house damage caused because the case was not properly designed to withstand the load it carries, or the distribution environment

0013 - Inhs-Dmg Plt Pattern - In-plant or in-house damage caused because of improper pallet pattern/ design - overhang, underhang, interlock damage, void space; etc.

0014 - Inhs-Dmg Other - In-plant or in-house damage not covered by

0021 - Cold Storage Hold - Cold or frozen storage

0022 - Aged - Aged product placed on hold

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		0023 - Returns - Returns from customers or carriers moved to damaged/ QA hold/ Aged stock				
		0024 - Retrieve - Based on QA Hold, recall or recovery effort				
		0029 - Other hold - Anything that is not covered elsewhere on this list				
W1917	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)				
		Code List Summary (Total Codes: 477, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		ZZ		Mutually Defined		
W1918	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		Hershey Usage: Code which identifies the Stock Type:				
		1 - Unrestricted/Available				
		2 - Hold				
		4 - Blocked				

Syntax Rules:

1. R0405 - At least one of W1904 or W1905 is required.
2. P0506 - If either W1905 or W1906 is present, then the other is required.
3. P0708 - If either W1907 or W1908 is present, then the other is required.
4. P1718 - If either W1917 or W1918 is present, then the other is required.

Example:

W19*AA*10*CA**VN*5660016214000*ZZ*SH01*0001*****ZZ*1~

N9 Reference Identification

Pos: 040	Max: 1
Detail - Optional	
Loop: 0300	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 Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 1)

Code Name

PE Plant Number

Hershey Usage:

*Used only when W1901 equals AK and the adjustment is for a Building to Building Transfer, i.e. movements between co-pack and main area of EDC3 or between buildings at EDC1 & EDC2.
This is only applicable to Hershey Eastern Distribution Centers.*

N902	127	Reference Identification	X	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Hershey Usage: *Hershey plant code for determining where the inventory is being transferred to.*

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

Semantics:

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

Example:

N9*PE*1198~

N9 Reference Identification

Pos: 040	Max: 1
Detail - Optional	
Loop: 0300	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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 1)

Code Name

BT Batch Number

N902	127	Reference Identification	X	AN	1/30	Used
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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.

Semantics:

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

Example:

N9*BT*27G132127G~

N9 Reference Identification

Pos: 040	Max: 1
Detail - Optional	
Loop: 0300	Elements: 2

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

Code List Summary (Total Codes: 1503, Included: 1)

Code Name

ZZ Mutually Defined

Hershey Usage:

Stock Type

N902	127	Reference Identification	X	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Hershey Usage: *Code which identifies the Stock Type:*

1 - Unrestricted/Available

2 - Hold

4 - Blocked

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

Semantics:

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

Example:

*N9*ZZ*1~*

G62 Date/Time

Pos: 080	Max: 10
Detail - Optional	
Loop: 0300	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

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	Must use

Description: Code specifying type of date

Code List Summary (Total Codes: 137, Included: 1)

Code Name

47 Released

G6202	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

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.

Example:

G62*47*20230104~

SE Transaction Set Trailer

Pos: 210	Max: 1
Detail - Optional	
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						

Example:

SE*9*0001~