

# DRAFT

This document is a draft and can only be used for review and feedback purposes

## **947 Warehouse Inventory Adjustment Advice - Inbound Cycle Count / Material Movement**

X12/V6010/947 : 947 Warehouse Inventory Adjustment Advice

**Version: 1.0 Draft**

Company:	Hewlett Packard
Publication:	5/31/2022
Trading Partner:	

# Notes

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# 947 Warehouse Inventory Adjustment Advice

Functional Group=**AW**

**Purpose:** This X12 Transaction Set 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.

## 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>
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

## Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	ST	Transaction Set Header	M	1		
0200	W15	Warehouse Adjustment Identification	M	1		
<b>LOOP ID - 0100</b>					<b>100</b>	
0400	N1	Party Identification	M	1		
1100	G62	Date/Time	O	5		
1200	NTE	Note/Special Instruction	O	20		

## Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
<b>LOOP ID - 0300</b>					<b>&gt;1</b>	
0200	W19	Warehouse Adjustment Item Detail	M	1		
0400	N9	Extended Reference Information	O	>1		
2100	SE	Transaction Set Trailer	O	1		

## 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>
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

## HPE USAGE:

Version 1.00.00 Date - 11/01/2018  
Version Released to Trading Partners

Version 1.00.10 Date - 05/03/2019  
W1503 is added as it is mandatory in EDI standard.

## User Note 2:

Movement Type 311

```
ISA*00**00**ZZ*ABCDEFGHIJKLMNO**ZZ*123456789012345*101127*1719*U*00600*000003438*0*P*>~
GS*AW*1234567890 *999999999 *20120126*1211*1*X*006010~
ST*947*0001~
W15*20181211*4900002230*4900002230***R6~
N1*WH*Warehouse*91*5206~
G62*09*20181211~
NTE*ZZ*Movement from restricted to unrestricted stock~
```

W19\*55\*1\*EA\*\*VN\*767032-B21\*\*\*\*\*QU~  
N9\*EY\*RS01~  
N9\*EV\*800Z~  
N9\*M1\*FG01~  
N9\*PE\*800Z~  
N9\*SE\*IOTRX00AAFW3\*US~  
SE\*11\*0001~  
GE\*1\*1~  
IEA\*1\*000000018~

*Movement Type 321*

ISA\*00\*\*00\*\*ZZ\*ABCDEFGHIJKLMNO\*ZZ\*123456789012345\*101127\*1719\*U\*00600\*000003438\*0\*P\*>~  
GS\*AW\*1234567890 \*999999999 \*20120126\*1211\*1\*X\*006010~  
ST\*947\*0001~  
W15\*20181211\*4900002242\*4900002242~  
N1\*WH\*Warehouse\*91\*5206~  
G62\*09\*20181211~  
NTE\*ZZZ\*Movement from quality inspection to unrestricted stock~  
W19\*88\*1\*EA\*\*VN\*767032-B21\*\*\*\*\*QI~  
N9\*EY\*FG01~  
N9\*EV\*800Z~  
N9\*M1\*FG01~  
N9\*PE\*800Z~  
N9\*SE\*IOTRX00AAFW4\*US~  
SE\*10\*0001~  
GE\*1\*1~  
IEA\*1\*000000018~

*Movement Type 555*

ISA\*00\*\*00\*\*ZZ\*ABCDEFGHIJKLMNO\*ZZ\*123456789012345\*101127\*1719\*U\*00600\*000003438\*0\*P\*>~  
GS\*AW\*1234567890 \*999999999 \*20120126\*1211\*1\*X\*006010~  
ST\*947\*0001~  
W15\*20181211\*4900002251\*4900002251\*\*\*DG~  
N1\*WH\*Warehouse\*91\*5206~  
G62\*09\*20181211~  
NTE\*ZZZ\*Movement from quality blocked to scrap~  
W19\*07\*1\*EA\*\*VN\*767032-B21\*\*\*\*\*QU~  
N9\*M1\*FG01~  
N9\*PE\*800Z~  
N9\*SE\*IOTRX00AAFW5\*US~  
SE\*9\*0001~  
GE\*1\*1~  
IEA\*1\*000000018~

*Movement Type 556*

ISA\*00\*\*00\*\*ZZ\*ABCDEFGHIJKLMNO\*ZZ\*123456789012345\*101127\*1719\*U\*00600\*000003438\*0\*P\*>~  
GS\*AW\*1234567890 \*999999999 \*20120126\*1211\*1\*X\*006010~  
ST\*947\*0001~  
W15\*20181211\*4900002252\*4900002252\*\*\*IM~  
N1\*WH\*Warehouse\*91\*5206~  
G62\*09\*20181211~  
NTE\*ZZZ\*Movement from scrap to quality blocked~  
W19\*07\*1\*EA\*\*VN\*767032-B21\*\*\*\*\*QU~  
N9\*M1\*FG01~  
N9\*PE\*800Z~  
N9\*SE\*IOTRX00AAFW6\*US~  
SE\*9\*0001~  
GE\*1\*1~  
IEA\*1\*000000018~

Movement Type 344

ISA\*00\*\*00\*\*ZZ\*ABCDEFGHIJKLMNO\*ZZ\*123456789012345\*101127\*1719\*U\*00600\*000003438\*0\*P\*>~  
GS\*AW\*1234567890 \*999999999 \*20120126\*1211\*1\*X\*006010~  
ST\*947\*0001~  
W15\*20181211\*4900002244\*4900002244~  
N1\*WH\*Warehouse\*91\*5206~  
G62\*09\*20181211~  
NTE\*ZZZ\*Movement from unrestricted to rework stock~  
W19\*05\*1\*EA\*\*VN\*767032-B21\*\*\*\*\*SA~  
N9\*EY\*FG01~  
N9\*EV\*800Z~  
N9\*M1\*FG01~  
N9\*SE\*IOTRX00AAFW7\*US~  
SE\*9\*0001~  
GE\*1\*1~  
IEA\*1\*000000018~

Movement Type 349

ISA\*00\*\*00\*\*ZZ\*ABCDEFGHIJKLMNO\*ZZ\*123456789012345\*101127\*1719\*U\*00600\*000003438\*0\*P\*>~  
GS\*AW\*1234567890 \*999999999 \*20120126\*1211\*1\*X\*006010~  
ST\*947\*0001~  
W15\*20181211\*4900002248\*4900002248~  
N1\*WH\*Warehouse\*91\*5206~  
G62\*09\*20181211~  
NTE\*ZZZ\*Movement from finished goods blk stk to finished goods quality inspection stk~  
W19\*08\*1\*EA\*\*VN\*767032-B21\*\*\*\*\*QU~  
N9\*EY\*FG01~  
N9\*EV\*800Z~  
N9\*M1\*FG01~  
N9\*PE\*800Z~  
N9\*SE\*IOTRX00AAFW8\*US~  
SE\*9\*0001~  
GE\*1\*1~  
IEA\*1\*000000018~

Movement Type 325

ISA\*00\*\*00\*\*ZZ\*ABCDEFGHIJKLMNO\*ZZ\*123456789012345\*101127\*1719\*U\*00600\*000003438\*0\*P\*>~  
GS\*AW\*1234567890 \*999999999 \*20120126\*1211\*1\*X\*006010~  
ST\*947\*0001~  
W15\*20181211\*4900002248\*4900002248~  
N1\*WH\*Warehouse\*91\*5206~  
G62\*09\*20181211~  
NTE\*ZZZ\*Movement from finished goods blocked stock to finished goods quality inspection stock~  
W19\*08\*1\*EA\*\*VN\*767032-B21\*\*\*\*\*QU~  
N9\*EY\*FG01~  
N9\*EV\*800Z~  
N9\*M1\*FG01~  
N9\*PE\*800Z~  
N9\*SE\*IOTRX00AAFW8\*US~  
SE\*9\*0001~  
GE\*1\*1~  
IEA\*1\*000000018~

# ISA Interchange Control Header

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

**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	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use

**Description:** Code identifying the type of information in the Authorization Information

**Code List Summary** (Total Codes: 9, Included: 9)

**Code Name**

- 00 No Authorization Information Present (No Meaningful Information in I02)
- 01 UCS Communications ID
- 02 EDX Communications ID
- 03 Additional Data Identification
- 04 Rail Communications ID
- 05 Department of Defense (DoD) Communication Identifier
- 06 United States Federal Government Communication Identifier
- 07 Truck Communications ID
- 08 Ocean Communications ID

ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
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**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	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
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**Description:** Code identifying the type of information in the Security Information

**Code List Summary** (Total Codes: 2, Included: 2)

**Code Name**

- 00 No Security Information Present (No Meaningful Information in I04)
- 01 Password

ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
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**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	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
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**Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

**Code List Summary** (Total Codes: 41, Included: 2)

**Code Name**

- 01 Duns (Dun & Bradstreet)
- ZZ Mutually Defined

ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
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**Description:** Identification code published by the sender for other parties to use as the

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
						receiver ID to route data to them; the sender always codes this value in the sender ID element
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		<b>Code List Summary</b> (Total Codes: 41, Included: 2)				
		<u>Code</u>	<u>Name</u>			
		01	Duns (Dun & Bradstreet)			
		ZZ	Mutually Defined			
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
		<b>Description:</b> 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	I08	<b>Interchange Date</b>	M	DT	6/6	Must use
		<b>Description:</b> Date of the interchange				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<b>Description:</b> Time of the interchange				
ISA11	I65	<b>Repetition Separator</b>	M		1/1	Must use
		<b>Description:</b> 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 terminator				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> Code specifying the version number of the interchange control segments				
		<b>Code List Summary</b> (Total Codes: 27, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		00601	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2008			
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating sender's request for an interchange acknowledgment				
		<b>Code List Summary</b> (Total Codes: 2, Included: 2)				
		<u>Code</u>	<u>Name</u>			
		0	No Interchange Acknowledgment Requested			
		1	Interchange Acknowledgment Requested (TA1)			
ISA15	I14	<b>Interchange Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating whether data enclosed by this interchange envelope is test, production or information				
		<b>Code List Summary</b> (Total Codes: 3, Included: 3)				
		<u>Code</u>	<u>Name</u>			
		I	Information			

**Code Name**

P Production Data

T Test Data

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 delimiter used 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

**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	<b>Functional Identifier Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying a group of application related transaction sets						
<b>Code List Summary</b> (Total Codes: 260, Included: 1)						
<b>Code Name</b>						
AW Warehouse Inventory Adjustment Advice (947)						
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
GS05	337	<b>Time</b>	M	TM	4/8	Must use
<b>Description:</b> 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	<b>Group Control Number</b>	M	N0	1/9	Must use
<b>Description:</b> Assigned number originated and maintained by the sender						
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
<b>Code List Summary</b> (Total Codes: 2, Included: 2)						
<b>Code Name</b>						
T Transportation Data Coordinating Committee (TDCC)						
X Accredited Standards Committee X12						
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
<b>Description:</b> 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						
<b>Code List Summary</b> (Total Codes: 71, Included: 1)						

<b><u>Code</u></b>	<b><u>Name</u></b>
006010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2008

# ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

**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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
		<b>Description:</b> Code uniquely identifying a Transaction Set				
		<b>Code List Summary</b> (Total Codes: 319, Included: 1)				
		<b><u>Code</u> <u>Name</u></b>				
		947 Warehouse Inventory Adjustment Advice				
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
ST03	1705	<b>Implementation Convention Reference</b>	O	AN	1/35	Used
		<b>Description:</b> Reference assigned to identify Implementation Convention				

# W15 Warehouse Adjustment Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**Purpose:** To provide identifying numbers and dates 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>
W1501	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
<b>HPE USAGE:</b> <i>Document Date: Date when the Document is created</i>						
W1502	31	<b>Adjustment Number</b>	X	AN	1/22	Used
<b>Description:</b> Identification assigned to an inventory level or status adjustment						
<b>HPE USAGE:</b> <i>3PL Material Document Number</i>						
W1503	31	<b>Adjustment Number</b>	X	AN	1/22	Used
<b>Description:</b> Identification assigned to an inventory level or status adjustment						
<b>HPE USAGE:</b> <i>Mandatory as per EDI standard. Use same value as W1502.</i>						
W1506	306	<b>Action Code</b>	O	ID	1/2	Used
<b>Description:</b> Code indicating type of action						
<b>Code List Summary</b> (Total Codes: 324, Included: 3)						
<b>Code Name</b>						
DG	Decrease					
<b>HPE USAGE:</b>						
<i>Used for Cycle count down and Scrapping</i>						
IM	Increase					
<b>HPE USAGE:</b>						
<i>Used for Cycle count up and Scrapping reversal</i>						
R6	Transfer					
<b>HPE USAGE:</b>						
<i>Used for Inventory movement from one storage location to another</i>						

## Example:

W15\*20181026\*5006050567\*5006050567\*\*\*IM~

# N1 Party Identification

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

Loop Path: 0100

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: 1521, Included: 1)

Code Name

WH Warehouse

N102	93	Name	X	AN	1/60	Used
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**Description:** Free-form name

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

**Code List Summary** (Total Codes: 251, Included: 1)

Code Name

91 Assigned by Seller or Seller's Agent

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

**HPE USAGE:**

*Warehouse ID or HPE plant Number*

## Example:

*N1\*WH\*Warehouse\*91\*5205*

# G62 Date/Time

Pos: 1100	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

**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	<b>Date Qualifier</b>	X	ID	2/2	Used

**Description:** Code specifying type of date

**Code List Summary** (Total Codes: 139, Included: 1)

**Code Name**

09 Process Date

G6202	373	<b>Date</b>	X	DT	8/8	Used
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

## Example:

G62\*09\*20181026~

# NTE Note/Special Instruction

Pos: 1200	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NTE01	363	<b>Note Reference Code</b>	O	ID	3/3	Used

**Description:** Code identifying the functional area or purpose for which the note applies

**Code List Summary** (Total Codes: 357, Included: 1)

**Code Name**

ZZZ Mutually Defined

**HPE USAGE:**

*Header Text*

NTE02	352	<b>Description</b>	M	AN	1/80	Must use
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**Description:** A free-form description to clarify the related data elements and their content

## Example:

*NTE\*ZZZ\*Cycle count adjustment~*

# W19 Warehouse Adjustment Item Detail

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 8

Loop Path: 0300

Purpose: To designate those items that were adjusted

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

**HPE USAGE:** *Type of Stock Movement*

**Code List Summary** (Total Codes: 50, Included: 9)

**Code Name**

05	Product Put on Hold
07	Product Dumped or Destroyed
08	Product Put in Quality Inspection Inventory
52	Recoup/Rework of Damaged Product
55	Product Taken Off Hold
88	Product Removed from Quality Inspection Inventory
AA	Physical Count
AU	Damaged in Facility
AX	Shelf-life Obsolescence

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

W1905	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: 518, Included: 1)

**Code Name**

VN	Vendor's (Seller's) Item Number
----	---------------------------------

W1906	234	Product/Service ID	X	AN	1/80	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: 518, Included: 1)

**Code Name**

MO	Movement Type Code
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**HPE USAGE:**

**Code Name**

*Movement between special and general or within special and general*

*SS - Special to Special*

*SG - Special to General*

*GS - General to Special*

*GG - General to General*

W1908 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

W1916 529 **Inventory Transaction Type Code** O ID 1/2 Used

**Description:** Code defining inventory activity

**HPE USAGE:**

*Use below table to use codes for W1506, W1901, W1909 and W1916.*

<i>W1506</i>	<i>W1908</i>	<i>W1901</i>	<i>W1916</i>	<b>Description</b>
<i>DG</i>	<i>SS</i>	<i>07</i>	<i>DM</i>	<i>GI from damaged (scrap)</i>
<i>DG</i>	<i>GG</i>	<i>07</i>	<i>DM</i>	<i>GI from damaged (scrap)</i>
<i>DG</i>	<i>SS</i>	<i>AA</i>	<i>SA</i>	<i>GI from unrestricted (Lost inventory)</i>
<i>DG</i>	<i>GG</i>	<i>AA</i>	<i>SA</i>	<i>GI from unrestricted (Lost inventory)</i>
<i>IM</i>	<i>SS</i>	<i>AA</i>	<i>SA</i>	<i>GR into unrestricted (Found inventory)</i>
<i>IM</i>	<i>GG</i>	<i>AA</i>	<i>SA</i>	<i>GR into unrestricted (Found inventory)</i>
<i>R6</i>	<i>SG</i>	<i>05</i>	<i>SA</i>	<i>Transfer unrestricted special to General</i>
<i>R6</i>	<i>GS</i>	<i>55</i>	<i>SA</i>	<i>Transfer unrestricted General to Special</i>
<i>R6</i>	<i>GG</i>	<i>05</i>	<i>SA</i>	<i>Transfer unrestricted to Blocked</i>
<i>R6</i>	<i>GG</i>	<i>55</i>	<i>SA</i>	<i>Transfer Blocked to Unrestricted</i>
<i>R6</i>	<i>GG</i>	<i>08</i>	<i>SA</i>	<i>Transfer unrestricted to Quality inspection</i>
<i>R6</i>	<i>GG</i>	<i>88</i>	<i>SA</i>	<i>Transfer OI to unrestricted</i>

**Code List Summary** (Total Codes: 18, Included: 5)

**Code Name**

**DM** Damaged

QI Quality Inspection Inventory

QU Hold/Quarantined Inventory

SA Saleable Inventory

ZR Rework/Rebalance

**Example:**

W19\*AA\*10\*EA\*\*VN\*767032-B21\*\*\*\*\*ZR~

# N9 Extended Reference Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: 0300	Elements: 3

Loop Path: 0300

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: 1795, Included: 6)

### Code Name

EV Receiver Identification Number

#### HPE USAGE:

*Receiving Plant Number*

EY Receiver Sub-identification Number

#### HPE USAGE:

*Receiving Storage Location*

M1 Material Storage Location

PE Plant Number

SE Serial Number

TD Reason for Change

#### HPE USAGE:

*Reason for movement*

N902	127	Reference Identification	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

N903	369	Free-form Description	X	AN	1/45	Used
------	-----	-----------------------	---	----	------	------

**Description:** Free-form descriptive text

**HPE USAGE:** *When N901=SE then use this for country of origin with serial number*

## Example:

```
N9*EV*805Z~
N9*EY*RS01~
N9*M1*FG01~
N9*PE*800Z~
N9*SE*100045045*US~
```

# SE Transaction Set Trailer

Pos: 2100	Max: 1
Detail - Optional	
Loop: N/A	Elements: 2

**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	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

# GE Functional Group Trailer

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

**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	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
		<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
		<b>Description:</b> Assigned number originated and maintained by the sender				

# IEA Interchange Control Trailer

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

**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	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use
<b>Description:</b> A count of the number of functional groups included in an interchange						
IEA02	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
<b>Description:</b> A control number assigned by the interchange sender						

## Example:

*Cycle count adjustment*

```
W15*20181026*5006050567*IM~  
G62*09*20181026~  
NTE*ZZZ*Cycle count adjustment~  
W19*AA*10*EA*VN*767032-B21*ZR~  
N9*PE*800Z~  
N9*M1*RS01~
```

*Blocked Stock Reversal*

```
W15*20181026*5006050567~  
G62*09*20181026~  
NTE*ZZZ*Blocked stock reversal~  
W19*55*10*EA*VN*767032-B21*QU~  
N9*PE*800Z~
```