947 Warehouse Inventory Adjustment Advice

X12/V3040/947

Version: 1.0

Company: Simplot Australia
Publication: 1/17/2023
Notes:

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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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	W15	Warehouse Adjustment Identification	M	1			Must use
LOOP ID - 0100					**100**		
040	N1	Name	M	1		N1/040	Must use
100	G61	Contact	O	3			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
020	W19	Warehouse Adjustment Item Detail	M	1			Must use
040	N9	Reference Number	O	10		N2/040	Used

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0200					**10**		
130	LM	Code Source Information	O	1			Used
140	LQ	Industry Code	M	100			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
210	SE	Transaction Set Trailer	O	1			Used

Notes:

1/040   Used to specify entities for the adjustment

2/040   Optional segment - refer to requirements rules

Simplot Note:

Example 947:

ISA\00\   \00\   \ZZ\9327596000001 \ZZ\9310081000006 \230117\1235\U\00200\031431100\0\P\>#
GS\AW\932759600000\931008100000\230117\1235\031431100\X\003040#
ST\947\031431100#
W15\170123\4621368\\00\WU\1#
N1\WH\\91\3T#
G61\EB\OXFORD#
W19\51\12\CT\230204\VP\13204\LT\ACJ326-L018#
N9\ZZ\200#

LM\ZZ#
LQ\ZZ\#
SE\9\031431100#
GE\1\031431100#
IEA\1\031431100#

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: 236, Included: 1)

Code	Name
947	X12.194 Warehouse Inventory Adjustment Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	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

Simplot Note: *Unique number assigned by the originator*

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).

W15   Warehouse Adjustment Identification

<table>
<tr><td>Pos: 020</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 6</td></tr>
</table>

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	6/6	Must use

Description: Date (YYMMDD).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1502	31	**Warehouse Adjustment Number**	X	AN	1/22	Used

Description: Identification assigned to an inventory level or status adjustment by the warehouse.

Simplot Note: *Unique number assigned by the originator*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1503	75	**Depositor Adjustment Number**	X	AN	1/22	Used

Description: Identification assigend to an inventory level or status adjustment by the depositor.

Simplot Note: *Simplot advised number (if applicable)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1504	353	**Transaction Set Purpose Code**	O	ID	2/2	Used

Description: Code identifying purpose of transaction set.

Code List Summary (Total Codes: 49, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1505	640	**Transaction Type Code**	O	ID	2/2	Used

Description: Code specifying the type of transaction.

Code List Summary (Total Codes: 206, Included: 2)

Code	Name
NU	Inventory Adjustment

Description: *For Physical Adjustments and Status Changes*

Code	Name
RA	Request for Credit

Description: *For Customer Returns*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1506	306	**Action Code**	O	ID	1/2	Used

Description: Code indicating type of action.

Code List Summary (Total Codes: 65, Included: 1)

Code	Name
1	Add

Syntax Rules:

1. P0203 - If either W1502 or W1503 is present, then the other is required.

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
040	N1	Name	M	1		Must use
100	G61	Contact	O	3		Used

N1 Name

<div style="border: 1px solid black; padding: 5px;">

Pos: 040   **Max: 1**

Heading - Mandatory

Loop: 0100   Elements: 3

</div>

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	2/2	Must use

Description: Code identifying an organizational entity, a physical location, or an individual

Code List Summary (Total Codes: 687, Included: 1)

Code	Name
WH	Warehouse

Description: *Qualifies Simplot shipment warehouse (2 alpha)*

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).

Code List Summary (Total Codes: 138, Included: 1)

Code	Name
91	Assigned by Seller or Seller's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/17	Used

Description: Code identifying a party or other code.

Simplot Note: *See N101 for entities defined*

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.

G61   Contact

Pos: 100	Max: 3
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named.

Code List Summary (Total Codes: 154, Included: 1)

Code	Name
EB	Entered By

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93	**Name**	M	AN	1/35	Must use

Description: Free-form name.

Simplot Note: *Name or Userid of input operator*

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
020	W19	Warehouse Adjustment Item Detail	M	1		Must use
040	N9	Reference Number	O	10		Used

W19 Warehouse Adjustment Item Detail

Pos: 020	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 8

User Option (Usage): Must use

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.

Code List Summary (Total Codes: 26, Included: 2)

Code	Name
01	Unable-to-Locate (UTL) Product Located

Description: *Negative Adjustment Codes:*

Simplot Note:

Applicable for Physical Stock Adjustments only

Code	Name
51	Unable-to-Locate (UTL) Product Located

Description: *Positive Adjustment Codes:*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1902	477	**Credit/Debit Quantity**	M	R	1/10	Must use

Description: Number of supplier units credited or debited.

Simplot Note: *Numeric value of quantity to 2 decimal places (assumed) if UOM Code is kilograms*

Stock on Hand in cartons (8,0 numeric) or kilograms (8,2 numeric) or each (8,0 numeric)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1903	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

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

Simplot Note: *The primary UOM Code to be sent*

Code List Summary (Total Codes: 719, Included: 3)

Code	Name
CT	Carton
EA	Each
KG	Kilogram

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1904	438	**UPC Case Code**	X	AN	12/12	Used

Description: Code (Universal Product Code - ``UPC'') including two high order digits identifying the ``system'' (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03). Using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5).

Simplot Note: *Lot expiry date*

Date (yymmdd)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1905	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).

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Code List Summary (Total Codes: 307, Included: 1)

Code **Name**
VP   Vendor's (Seller's) Part Number

| W1906 | 234 | **Product/Service ID** | X | AN | 1/30 | Used |

Description: Identifying number for a product or service.

Simplot Note: *Simplot JDE Product Number*

| W1907 | 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: 307, Included: 1)

Code **Name**
LT   Lot Number

| W1908 | 234 | **Product/Service ID** | X | AN | 1/30 | Used |

Description: Identifying number for a product or service.

Simplot Note: *Simplot Lot Number*

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. C101112 - If W1910 is present, then W1911 and W1912 are required.
5. C131415 - If W1913 is present, then W1914 and W1915 are required.

N9 Reference Number

<table>
<tr><td>Pos: 040</td><td>Max: 10</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: 0300</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

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

Description: Code qualifying the Reference Number.

Code List Summary (Total Codes: 859, Included: 2)

Code Name

IK   Invoice Number

Description: *Manufacturer's invoice number for vehicle/component*

ZZ   Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Number**	X	AN	1/30	Used

Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Simplot Note:

If N901 = IK

   Invoice no. for Customer Return

If N901 = ZZ

   Simplot Status Codes

      Valid codes for customer returns

      300   Quality Hold
      315   Customer return - waiting inspection
      324   Customer return - damaged

      Valid codes for status changes

      200   Pending repack &/or dumping
      300   Quality Hold
      310   Out of Spec/Special Sales
      320   Damaged in Warehouse
      322   Damaged in Transit
      400   Mkt Hold/New Pkg/Promo stock
      410   GFC Clearance Shop
      500   Hot load
      600   AQIS Dry & Frozen
      800   Incubation Dry & Frozen
      990   Out of Code
      991   Low Use By 1 Mth Foodservice
      992   Low Use By 6 Mth Retail

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.

<table>
<tr><td rowspan="3">

Loop Code Source Information
</td><td>**Pos: 130**</td><td>**Repeat: 10**</td></tr>
<tr><td colspan="2">**Optional**</td></tr>
<tr><td>**Loop: 0200**</td><td>**Elements: N/A**</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
130	LM	Code Source Information	O	1		Used
140	LQ	Industry Code	M	100		Must use

LM Code Source Information

Pos: 130	Max: 1
Heading - Optional	
Loop: 0200	Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use

Description: Code identifying the agency assigning the code values.

Code List Summary (Total Codes: 80, Included: 1)

Code	Name
ZZ	Mutually Defined

Comments:

1. LM02 identifies the applicable industry code list source information.

LQ   Industry Code

Pos: 140	**Max: 100**
Heading - Mandatory	
Loop: 0200	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Used

Description: Code identifying a specific industry code list

Code List Summary (Total Codes: 183, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LQ02	1271	**Industry Code**	X	AN	1/20	Used

Description: Code indicating a code from a specific industry code list

Simplot Note: *Simplot Status Codes*

Valid codes for To Lot Status	
200	*Pending repack &/or dumping*
300	*Quality Hold*
310	*Out of Spec/Special Sales*
320	*Damaged in Warehouse*
322	*Damaged in Transit*
400	*Mkt Hold/New Pkg/Promo stock*
500	*Hot load*
600	*AQIS Dry & Frozen*
800	*Incubation Dry & Frozen*
990	*Out of Code*
991	*Low Use By 1 Mth Foodservice*
992	*Low Use By 6 Mth Retail*

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

SE Transaction Set Trailer

<div style="border:1px solid">

Pos: 210   **Max: 1**

Detail - Optional

Loop: N/A   **Elements: 2**

</div>

User Option (Usage): Used

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.

Simplot Note: *Usually generated by EDI software*

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

Simplot Note: *Same number as ST02*

Comments:

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