



# 945 Warehouse Shipping Advice

X12/V3040/945

**Version: 2.0**

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# 945 Warehouse Shipping Advice

## Functional Group=SW

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (945) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the warehouse to advise the depositor that shipment was made. It is used to reconcile order quantities with shipment quantities.

### 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	W06	Warehouse Shipment Identification	M	1		N1/020	Must use
<b>LOOP ID - 0100</b>					<b>10</b>	<b>N1/040L</b>	
040	N1	Name	M	1		N1/040	Must use
090	N9	Reference Number	O	10			Used
150	W10	Warehouse Additional Carrier Information	O	10		N1/150	Used

### 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>
<b>LOOP ID - 0300</b>					<b>&gt;1</b>		
020	W12	Warehouse Item Detail	O	1		N2/020	Used
040	N9	Reference Number	O	200			Used

### Summary:

<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>
020	SE	Transaction Set Trailer	M	1			Must use

### Notes:

- 1/020 To provide identifying numbers dates and other basic data for this transaction set
- 1/040L Used to specify entities for the shipment
- 1/040 Used to specify entities for the shipment
- 1/150 To transmit shipping information and requirements
- 2/020 To designate those line items that were shipped

### Simplot Example:

```

ST1945\0002#
W06\F\5636652\221222\1234567#
N1\SF\91\AB#
N9\WP\1111111#
W10\01\1#
W10\02\1#
W12\SJ\4\CT\VP\01111\111111\T\08JUL22KEL#
N9\L\1.000#
W12\SJ\18\CT\VP\45678\111111\T\1022415129#
N9\L\2.000#
W12\SJ\18\CT\VP\44444\111111\T\16AUG22BAT#
N9\L\8.000#
W12\SJ\4\CT\VP\12345\111111\T\011123#
N9\L\9.000#
SE15\0002#

```

# 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:

<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.

**Code List Summary** (Total Codes: 236, 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

# W06 Warehouse Shipment Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To provide identifying numbers, 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>
W0601	514	Reporting Code	M	ID	1/1	Must use

**Description:** Code specifying the basis used when reporting shipment information.

**Code List Summary** (Total Codes: 12, Included: 1)

<u>Code</u>	<u>Name</u>
F	Full Detail

W0602	285	Depositor Order Number	O	AN	1/22	Used
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**Description:** Identifying number for warehouse shipping order assigned by the depositor.

**Simplot Note:** *Simplot Order Number (8,0 numeric)*

W0603	435	Shipment Date	O	DT	6/6	Used
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**Description:** Actual date on which shipment was made.

**Simplot Note:** *Date on which shipment was made (YYMMDD)*

W0604	145	Shipment Identification Number	O	AN	1/30	Used
-------	-----	--------------------------------	---	----	------	------

**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. (Does not contain blanks or special characters.)

**Simplot Note:** *Simplot Shipment Number (8.0 Numeric)*

# Loop Name

<b>Pos: 040</b>	<b>Repeat: 10</b>
<b>Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: N/A</b>

**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
090	N9	Reference Number	O	10		Used
150	W10	Warehouse Additional Carrier Information	O	10		Used

# N1 Name

<b>Pos: 040</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: 3</b>

**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	<b>Entity Identifier Code</b>	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**

SF Ship From

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

N103	66	<b>Identification Code Qualifier</b>	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: 138, Included: 1)

**Code Name**

91 Assigned by Seller or Seller's Agent

N104	67	<b>Identification Code</b>	X	AN	2/17	Used
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**Description:** Code identifying a party or other code.

# N9 Reference Number

Pos: 090	Max: 10
Heading - Optional	
Loop: 0100	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number 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 Number Qualifier	M	ID	2/2	Must use

**Description:** Code qualifying the Reference Number.

**Code List Summary** (Total Codes: 859, Included: 1)

**Code Name**

WP Warehouse Pick Ticket Number

N902	127	Reference Number	X	AN	1/30	Used
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**Description:** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

# W10 Warehouse Additional Carrier Information

Pos: 150	Max: 10
Heading - Optional	
Loop: 0100	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit shipping information and requirements

**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>
W1001	400	Unit Load Option Code	O	ID	2/2	Used

**Description:** Code identifying loading or unloading a shipment

**Code List Summary** (Total Codes: 6, Included: 2)

**Code Name**

01	Palletized
02	Floor Stack/Hand Pile

W1002	406	Quantity of Pallets Shipped	O	N0	1/3	Used
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**Description:** Number of pallets shipped.

**Simplot Note:** *If W1001 = 01 Number of Pallets Shipped*

*If W1001 = 02 Number of Floor Stacks*

# Loop Warehouse Item Detail

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

**User Option (Usage):** Used

**Purpose:** To designate those line items that were shipped

## 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	W12	Warehouse Item Detail	O	1		Used
040	N9	Reference Number	O	200		Used

# W12 Warehouse Item Detail

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

**User Option (Usage):** Used

**Purpose:** To designate those line items that were shipped

## 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>
W1201	368	<b>Shipment/Order Status Code</b>	M	ID	2/2	Must use

**Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.

**Code List Summary** (Total Codes: 90, Included: 1)

Code Name

SJ Shipped or Performed as Indicated

**Description:** A shipment or performance made according to the terms and conditions of a contract

W1203	382	<b>Number of Units Shipped</b>	O	R	1/10	Used
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**Description:** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.

W1205	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Used
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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: 719, Included: 3)

Code Name

CT Carton

EA Each

KG Kilogram

W1207	235	<b>Product/Service ID Qualifier</b>	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: 307, Included: 1)

Code Name

VP Vendor's (Seller's) Part Number

W1208	234	<b>Product/Service ID</b>	X	AN	1/30	Used
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**Description:** Identifying number for a product or service.

W1210	81	<b>Weight</b>	X	R	1/10	Used
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**Description:** Numeric value of weight.

W1211	187	<b>Weight Qualifier</b>	O	ID	1/2	Used
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**Description:** Code defining the type of weight.

**Code List Summary** (Total Codes: 40, Included: 1)

Code Name

Z Mutually Defined

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W1212	188	<b>Weight Unit Code</b>	O	ID	1/1	Used
<b>Description:</b> Code specifying the weight unit						
<b>Code List Summary</b> (Total Codes: 7, Included: 1)						
<b><u>Code</u> <u>Name</u></b>						
K Kilograms						
W1217	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).						
<b>Code List Summary</b> (Total Codes: 307, Included: 1)						
<b><u>Code</u> <u>Name</u></b>						
LT Lot Number						
W1218	234	<b>Product/Service ID</b>	X	AN	1/30	Used
<b>Description:</b> Identifying number for a product or service.						

# N9 Reference Number

Pos: 040	Max: 200
Detail - Optional	
Loop: 0300	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number 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 Number Qualifier	M	ID	2/2	Must use

**Description:** Code qualifying the Reference Number.

**Code List Summary** (Total Codes: 859, Included: 4)

**Code Name**

- 55 Sequence Number
- LA Shipping Label Serial Number
- LI Line Item Identifier (Seller's)

**Description:** *Below are the reference numbers that Simplot can use*

- ZZ Mutually Defined

N902	127	Reference Number	X	AN	1/30	Used
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**Description:** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

# SE Transaction Set Trailer

Pos: 020	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	<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				