945 Warehouse Shipping Advice

UCS/V4010/945 Warehouse Shipping Advice

Company:	**General Mills**
Modified:	**7/11/2024**
Notes:	**Notice of Shipment**

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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.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	ST	Transaction Set Header	M	1			Must use
20	W06	Warehouse Shipment Identification	M	1			Must use
LOOP ID - 0100					**10**		
40	N1	Name	M	1			Must use
90	N9	Reference Identification	O	10			Used
110	G62	Date/Time	O	5			Must use
130	W27	Carrier Detail	O	1			Must use
150	W10	Warehouse Additional Carrier Information	O	10			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
5	LX	Assigned Number	O	1			Must use
10	MAN	Marks and Numbers	O	>1			Used
15	PAL	Pallet Information	O	1			Used
LOOP ID - 0310					**>1**		
20	W12	Warehouse Item Detail	O	1			Must use
40	N9	Reference Identification	O	200			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	W03	Total Shipment Information	O	1			Must use
20	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

General Mills Note:

General Mills, Inc. uses transaction set 945 to receive notification of the shipments that were made. This transaction should be transmitted only when the shipment is complete.

For the purpose of documentation this document indicates which segments are used and not used by General Mills, Inc.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

All valid standard codes are used. (Total Codes: 7)

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

All valid standard codes are used. (Total Codes: 2)

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

Code List Summary (Total Codes: 38, Included: 1)

Code	Name
02	SCAC (Standard Carrier Alpha Code)

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

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

Code List Summary (Total Codes: 38, Included: 1)

Code	Name
08	UCC EDI Communications ID (Comm ID)

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

General Mills Note:

General Mills Test ID = 925119TEST

General Mills Production ID = 9251190000

ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Time of the interchange				
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
All valid standard codes are used. (Total Codes: 1)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

Code List Summary (Total Codes: 13, Included: 1)

Code   Name
00401   Standards Approved for Publication by ASCX12 Procedures Review Board through October 1997

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)
All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information

Code List Summary (Total Codes: 3, Included: 1)

Code   Name
P   Production Data

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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**

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 225, Included: 1)

Code	Name
SW	Warehouse Shipping Advice (945)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

General Mills Note:

General Mills Test & Production ID = 6125404455

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard

All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

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

Code List Summary (Total Codes: 33, Included: 1)

Code	Name
004010UCS	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 w UCS extension

ST   Transaction Set Header

Pos: 10	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
945	Warehouse Shipping 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

W06 Warehouse Shipment Identification

Pos: 20	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use
Purpose: To provide identifying numbers, dates, and other basic data for this transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 13, Included: 1)

Code	Name
F	Full Detail

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0602	285	**Depositor Order Number**	O	AN	1/22	Must use

Description: Identifying number for warehouse shipping order assigned by the depositor

General Mills Note:
General Mills Delivery number (From W0502 on EDI 940 transaction)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0603	373	**Date**	O	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

General Mills Note:
The actual "ship" date should be populated in this element.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0607	474	**Master Reference (Link) Number**	O	AN	1/22	Must use

Description: Reference number assigned by the sender to relate a transaction set to a master transaction (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group)

General Mills Note:
General Mills Shipment Number (From W0505 on EDI 940 transaction)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0608	472	**Link Sequence Number**	O	N0	6/6	Must use

Description: A two-part number in the form "SSSTTT" where "SSS" is a sequentially assigned number and "TTT" equals the highest sequential number being used within the associated (linked) group (Leading zeros are required for both "SSS" and "TTT")

General Mills Note:
"SSS" MUST contain the link sequence number for this delivery and "TTT" MUST contain the total number of deliveries on this shipment. Example: 001003 = link 1 of 3.

**NOTE: The link sequence number you send back in this element might NOT be the same as received from GMI in the 940 W0504 element, as the shipment may have changed, or the "pick a shipment" process may have been used for loads combined by the location and not combined by GMI.

Syntax Rules:

1. P0708 - If either W0607 or W0608 is present, then the other is required.

Loop Name

Pos: 40	Repeat: 10
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
40	N1	Name	M	1		Must use

General Mills Note:

There should be two N1 loops, one for the Ship To, and one for the Warehouse. The N1 segment for the Warehouse (N101 = WH) is required.

N1 Name

Pos: 40	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

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	2/3	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

N102	93	**Name**	O	AN	1/60	Must use

Description: Free-form name

N103	66	**Identification Code Qualifier**	O	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

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

Code **Name**
9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

N104	67	**Identification Code**	O	AN	2/80	Must use

Description: Code identifying a party 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.

N9   Reference Identification

Pos: 90	**Max: 10**
Heading - Optional	
Loop: N/A	**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	Used

        Description: Code qualifying the Reference Identification

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

Code	Name
ZZ	Mutually Defined

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

        Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

        General Mills Note:

        When N901 = ZZ, Trailer size should be sent in the N902 element using FFFII (i.e. 05300 equals a 53 foot trailer).

Syntax Rules:

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

G62 Date/Time

Pos: 110	Max: 5
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	O	ID	2/2	Must use

Description: Code specifying type of date

Code List Summary (Total Codes: 137, Included: 2)

Code	Name
11	Shipped on This Date
86	Actual Pickup Date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6202	373	**Date**	O	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6203	176	**Time Qualifier**	O	ID	1/2	Must use

Description: Code specifying the reported time

Code List Summary (Total Codes: 42, Included: 2)

Code	Name
3	Delivery Appointment Scheduled Time
A	Actual Departure Time

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6204	337	**Time**	O	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)

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.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

W27 Carrier Detail

Pos: 130	**Max: 1**
Heading - Optional	
Loop: N/A	**Elements: 4**

User Option (Usage): Must use

Purpose: To specify details of the transportation equipment and carrier routing details

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2701	91	**Transportation Method/Type Code**	M	ID	1/2	Must use

Description: Code specifying the method or type of transportation for the shipment

Code List Summary (Total Codes: 71, Included: 9)

Code	Name
H	Customer Pickup
L	Contract Carrier
M	Motor (Common Carrier)
O	Containerized Ocean
R	Rail
U	Private Parcel Service
X	Intermodal (Piggyback)
AF	Air Freight
LT	Less Than Trailer Load (LTL)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2702	140	**Standard Carrier Alpha Code**	O	ID	2/4	Must use

Description: Standard Carrier Alpha Code

General Mills Note:

SCAC From W6610 on EDI 940 transaction -- this is the Carrier of Record.
If Customer Pickup, send "CPU"

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2706	206	**Equipment Initial**	O	AN	1/4	Must use

Description: Prefix or alphabetic part of an equipment unit's identifying number

General Mills Note:

Rail or Truck Equipment initial -- this is the Carrier of Execution.
If Customer Pickup, this is not required.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2707	207	**Equipment Number**	O	AN	1/10	Must use

Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

General Mills Note:

Car number for rail or trailer number for truck (Not required if W2701=H)

Syntax Rules:

1. R0203 - At least one of W2702 or W2703 is required.

W10 Warehouse Additional Carrier Information

Pos: 150	**Max: 10**
Heading - Optional	
Loop: N/A	**Elements: 5**

User Option (Usage): Must use

Purpose: To transmit shipping information and requirements

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1001	400	**Unit Load Option Code**	O	ID	2/2	Must use

Description: Code identifying loading or unloading a shipment

Code List Summary (Total Codes: 12, Included: 2)

Code	Name
01	Palletized
04	Slip Sheet

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1002	406	**Quantity of Pallets Shipped**	O	N0	1/3	Used

Description: Number of pallets shipped

General Mills Note:

If shipping CHEP or PECO pallets, this element MUST BE populated with the actual pallet count.

-- If it is a designated CHEP order, the quantity here will be shared with CHEP;

-- If it is a designated PECO order, the quantity here will be shared with PECO.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1003	399	**Pallet Exchange Code**	O	ID	1/1	Must use

Description: Code specifying pallet exchange instructions

Code List Summary (Total Codes: 5, Included: 2)

Code	Name
1	No Exchange/No Return

General Mills Note:

Use this code if shipped on White Wood or other wood pallets.

Code	Name
5	Third-Party Pallet Exchange

Description: *A pallet exchange program where a third party rents pallets for internal or external use*

General Mills Note:

Use this code if shipped on CHEP or PECO pallets.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1004	225	**Seal Number**	O	AN	2/15	Used

Description: Unique number on seal used to close a shipment

General Mills Note:

Must use for Delivered Loads (When W2702 contains a Carrier SCAC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1005	225	**Seal Number**	O	AN	2/15	Used

Description: Unique number on seal used to close a shipment

Syntax Rules:

1. P0607 - If either W1006 or W1007 is present, then the other is required.
2. P0809 - If either W1008 or W1009 is present, then the other is required.

Loop Assigned Number

Pos: 5	**Repeat: >1**
	Optional
Loop: 0300	**Elements: N/A**

User Option (Usage): Used

Purpose: To reference a line number in a transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
5	LX	Assigned Number	O	1		Must use
10	MAN	Marks and Numbers	O	>1		Used
15	PAL	Pallet Information	O	1		Used
20		Loop 0310	O		>1	Must use

LX   Assigned Number

Pos: 5	**Max: 1**
Detail - Optional	
Loop: 0300	**Elements: 1**

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

MAN   Marks and Numbers

Pos: 10	**Max: >1**
Detail - Optional	
Loop: 0300	**Elements: 2**

User Option (Usage): Used

Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use

    Description: Code specifying the application or source of Marks and Numbers (87)

    Code List Summary (Total Codes: 20, Included: 1)

Code	Name
GM	SSCC-18 and Application Identifier

> **General Mills Note:**
>
> *Use this code when sending the pallet license plate number (represents the pallet tag number - 20 digits)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use

    Description: Marks and numbers used to identify a shipment or parts of a shipment

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

PAL Pallet Information

<table>
<tr><td>Pos: 15</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: 0300</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To identify the type and physical attributes of the pallet, and, gross weight, gross volume, and height of the load and the pallet

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PAL01	883	**Pallet Type Code**	O	ID	1/2	Must use

Description: Code indicating the type of pallet

General Mills Note:

Pallet type should be sent in the PAL01 element. PAL01 must be sent if you are sending GMI pallet level detail on the EDI 945 in order to meet EDI standard requirements (GMI is not currently mapping information from this element to our application).

The pallet type is sent on the EDI 940 in header level N9 segment with PIN qualifier.

Code List Summary (Total Codes: 18, Included: 8)

Code	Name
7	Slip sheet

Description: *Typically cardboard or plastic sheets used to hold product for storage or transportation*

Code	Name
9	Blue Plastic
11	Euro Pallet
12	Heat Treated Pallet
14	White Wood
15	4-Way
16	Leased Wood Pallet (CHEP)
18	Leased Plastic Pallet

General Mills Note:

18 = Leased Plastic Pallet (approved for use by X12 - w/b published in v6020)

Syntax Rules:

1. P0506 - If either PAL05 or PAL06 is present, then the other is required.
2. C0710 - If PAL07 is present, then PAL10 is required.
3. C0810 - If PAL08 is present, then PAL10 is required.
4. C0910 - If PAL09 is present, then PAL10 is required.
5. L10070809 - If PAL10 is present, then at least one of PAL07, PAL08 or PAL09 is required.
6. P1112 - If either PAL11 or PAL12 is present, then the other is required.
7. P1314 - If either PAL13 or PAL14 is present, then the other is required.

General Mills Note:

The PAL01 segment is used to communicate pallet type information. If sending the MAN/PAL for each pallet, the PAL01 information should occur in each loop.

Loop Warehouse Item Detail

Pos: 20	Repeat: >1
Optional	
Loop: 0310	Elements: N/A

User Option (Usage): Must use

Purpose: To designate those line items that were shipped

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
20	W12	Warehouse Item Detail	O	1		Must use
40	N9	Reference Identification	O	200		Must use

General Mills Note:

When multiple code dates are shipped for one product, send one W12 segment for each product/code date pair.

W12 Warehouse Item Detail

Pos: 20	**Max: 1**
Detail - Optional	
Loop: 0310	**Elements: 6**

User Option (Usage): Must use

Purpose: To designate those line items that were shipped

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1201	368	**Shipment/Order Status Code**	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

General Mills Note:

W1201 MUST contain a "CC" when quantity shipped is equal to quantity ordered. If quantity shipped is less than quantity ordered the W1201 MUST contain a "CP" and the W1219 MUST contain reason code for the partial shipment (cut).

Code List Summary (Total Codes: 102, Included: 2)

Code	Name
CC	Shipment Complete on (Date)
CP	Partial Shipment on (Date), Considered No Backorder

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1203	382	**Number of Units Shipped**	O	R	1/10	Must use

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1205	355	**Unit or Basis for Measurement Code**	O	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

General Mills Note:

UOM must mirror UOM sent on 940 transaction.

These codes represent the most commonly used GMI Base Unit Of Measure Codes.

If your facility "produces" product for GMI, a more comprehensive list may be needed for your operations. Please discuss your needs with a GMI EDI support person. GMI EDI support person can provide a comprehensive list of all Base UOM codes, or a list of codes specific to your location.

Code List Summary (Total Codes: 794, Included: 8)

Code	Name
BG	Bag
CA	Case
CW	Hundred Pounds (CWT)
EA	Each
FT	Foot
LB	Pound
PK	Package
PL	Pallet/Unit Load

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1207	235	**Product/Service ID Qualifier**	O	ID	2/2	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1208	234	**Product/Service ID**	O	AN	1/48	Must use

Description: Identifying number for a product or service

General Mills Note:

Should contain General Mills Internal Product Code - 10 digits.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1219	892	**Line Item Change Reason Code**	O	ID	2/2	Used

Description: Code defining reason for any difference between quantity ordered and quantity shipped for a line item

General Mills Note:

If you are cutting the whole material from the delivery, you can still report it by sending in the W12 segment (with the W1219 indicated). No need for MAN or N9 segments as no pallet ID nor lot information exists.

Code List Summary (Total Codes: 26, Included: 11)

Code Name

01   Out of Stock

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 02-Stock Out/Unavailable   If no cut code is sent, a shorted material will default to this code.*

02   Equipment Cut

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 01-Space/Wt on <u>Delivered Load</u>*
>
> *Converts in GMI business system (SAP) to 14-Space/Wt on <u>CPU Load</u>*

04   On Hold

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 15-Yoplait Cd Dt Exception*

07   Inventory Discrepancy

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 09-Qty Change GMI Driven*

08   Material Shortage

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 05-Internal Allocation*

09   Substitution

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 08-Customer Qty Chg*

13   Product Allocation Exceeded

> **Description:** *Order requested more product than was allocated for production or shipment or order requested shipment before or after availability period*
>
> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 04-Nat'l Sales Allocation*

24   Product Withdrawn

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 07-Withdrawn*

25   Addition Requested by Customer

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 08-Customer Qty Chg*

26   Bacteria Clearance

> **General Mills Note:**
>
> *Converts in GMI business system (SAP) to 06-Major Service Issue*

27   Cut Due to Intl Cust Age Requirement

> **General Mills Note:**

Code	Name
	Converts in GMI business system (SAP) to 03-Exceeds Age Requirement

Syntax Rules:

1. R0607 - At least one of W1206 or W1207 is required.
2. P0708 - If either W1207 or W1208 is present, then the other is required.
3. P101112 - If either W1210, W1211 or W1212 are present, then the others are required.
4. P131415 - If either W1213, W1214 or W1215 are present, then the others are required.
5. P1718 - If either W1217 or W1218 is present, then the other is required.
6. P2122 - If either W1221 or W1222 is present, then the other is required.

General Mills Note:

When multiple code dates are shipped for one material, send one W12 segment for each code date.

N9   Reference Identification

<table>
<tr><td>Pos: 40</td><td>Max: 200</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: 0310</td><td>Elements: 3</td></tr>
</table>

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: 2)

Code	Name
LT	Lot Number

> **General Mills Note:**
>
> *When N901 = LT and the material was produced for General Mills, the N902 must contain the GMI Lot Code (aka Date Code).*
>
> *The format needs to be DDMMMYXX (where XX is the two-digit location identifier). This format may appear on the case or shipping container with a four-digit year, but only include the last digit in this electronic format.*
>
> *If the material is from a vendor, the vendor's lot code format should be used. This will vary by vendor.*

Code	Name
M3	Crop Year

> **General Mills Note:**
>
> *N901 = M3, then N902 should contain the "crop year" in the format CCYY. ***For use in "specialized" co-pack process only.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	O	AN	1/30	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N904	373	**Date**	O	DT	8/8	Used

Description: Date expressed as CCYYMMDD

> **General Mills Note:**
>
> *If N902 contains the GMI Date Code (format DDMMMYXX) then the N904 should be the GMI Date Code in "date" format (CCYYMMDD).*
>
> *If N902 contains the Vendor Lot Code (vendor's format) then the N904 should contain the vendor's production date. If this information is NOT provided on the BOL, the N904 should contain the "date" product was received into the warehouse (CCYYMMDD format).*

Syntax Rules:

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

W03 Total Shipment Information

Pos: 10	**Max: 1**
Summary - Optional	
Loop: N/A	**Elements: 3**

User Option (Usage): Must use
Purpose: To provide totals relating to the shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0301	382	**Number of Units Shipped**	M	R	1/10	Must use

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

General Mills Note:
Total units shipped.

W0302	81	**Weight**	O	R	1/10	Used

Description: Numeric value of weight

General Mills Note:
Total Weight Shipped.

W0303	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used

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: 1)

Code	Name
LB	Pound

Syntax Rules:

1. C0203 - If W0302 is present, then W0303 is required.
2. P0405 - If either W0304 or W0305 is present, then the other is required.
3. P0607 - If either W0306 or W0307 is present, then the other is required.

General Mills Note:
W0301 should be the total quantity of W1203.

SE   Transaction Set Trailer

Pos: 20	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:

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

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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

General Mills Note:

The count of ST segments within the group.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

General Mills Note:

This must be the same number as is in the GS segment (GS06) for the group.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
General Mills Note: *IEA01 contains the count of GS segments within the transmission.*

| IEA02 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use |

Description: A control number assigned by the interchange sender
General Mills Note: *IEA02 must be the same number as in the ISA segment (ISA13) for the transmission.*