940 Warehouse Shipping Order

UCS/V4010/940: 940 Warehouse Shipping Order

Company: **General Mills**

Modified: **7/11/2024**

Notes:

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940 Warehouse Shipping Order

Functional Group=OW

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

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	W05	Shipping Order Identification	M	1			Must use
LOOP ID - 0100					**10**		
40	N1	Name	O	1			Must use
60	N3	Address Information	O	2			Used
70	N4	Geographic Location	O	1			Used
90	N9	Reference Identification	O	10			Used
110	G62	Date/Time	O	10			Used
120	NTE	Note/Special Instruction	O	>1			Used
130	W09	Equipment and Temperature	O	1			Used
140	W66	Warehouse Carrier Information	O	1			Used
150	W6	Special Handling Information	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
5	LX	Assigned Number	O	1			Used
LOOP ID - 0310					**>1**		
20	W01	Line Item Detail - Warehouse	O	1			Used
40	N9	Reference Identification	O	200			Dependent

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	W76	Total Shipping Order	O	1			Used
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 940 to send shipping orders. This document indicates which segments are used and not used.

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

Code List Summary (Total Codes: 7, Included: 1)

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

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

Code List Summary (Total Codes: 2, Included: 1)

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
08	UCC EDI Communications ID (Comm ID)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

General Mills Note:

General Mills Test ID = 925119TEST

General Mills Production ID = 9251190000

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Draft Standards for Trial Use Approved for Publication by ASC X12 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
OW	Warehouse Shipping Order (940)

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

General Mills Note:

General Mills Test & Production ID = 6125404455

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

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

Code List Summary (Total Codes: 2, Included: 1)

Code	Name
T	Transportation Data Coordinating Committee (TDCC)

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	

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
940	Warehouse Shipping Order

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

W05 Shipping Order Identification

Pos: 20	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0501	473	**Order Status Code**	M	ID	1/1	Must use

Description: Code identifying purpose of transaction set

General Mills Note: *When W0501 is "R", the entire transaction is resent. Changes are accomplished by restating the value of the data elements. This is a replacement value rather than a "change amount".*

When W0501 is "F", only the Heading segments and Summary segment are sent. No item detail is sent.

Code List Summary (Total Codes: 12, Included: 3)

Code Name
F   Cancel
N   Original
R   Change

W0502	285	**Depositor Order Number**	M	AN	1/22	Must use

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

General Mills Note: *General Mills Delivery Number*

W0503	324	**Purchase Order Number**	O	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

General Mills Note: *Purchase Order Number to be printed on the BOL.*

W0504	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")

W0505	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*

W0507	306	**Action Code**	O	ID	1/2	Used

Description: Code indicating type of action

General Mills Note: *A "38" in this element indicates the order contains a one-time ship to address in the N1-N4 segments (N1=ST). The address sent in the order must override any address you may have stored in your system.*

Code List Summary (Total Codes: 296, Included: 1)

Code Name
38   Change Address

Syntax Rules:

1. P0405 - If either W0504 or W0505 is present, then the other is required.

Loop Name

Pos: 40	**Repeat: 10**
Optional	
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	O	1		Must use
60	N3	Address Information	O	2		Used
70	N4	Geographic Location	O	1		Used

N1   Name

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: 4)

Code	Name
DE	Depositor
DS	Distributor
SF	Ship From
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

General Mills Note:

"9" Duns Number when N101 = DE or SF

"93" Will be sent when N101 = ST or DS

Code List Summary (Total Codes: 215, Included: 2)

Code	Name
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
93	Code assigned by the organization originating the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	O	AN	2/80	Must use

Description: Code identifying a party or other code

General Mills Note:

General Mills Duns number + 4 digit location code when N101 = DE or SF.

General Mills 10 digit Customer code when N101 = ST or DS.

(**NOTE: DS will be sent on redistribution orders only).

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.

N3 Address Information

Pos: 60	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

General Mills Note:

The first N301 will contain street or PO Box. Additional N3 elements may contain additional address or name information.
N3 segment will NOT be sent if N101 = DE or SF.
N3 segments will be sent if N101 = ST or DS.

N4 Geographic Location

<table>
<tr><td>Pos: 70</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Heading - Optional</td></tr>
<tr><td>Loop: 0100</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

General Mills Note:

N4 will NOT be sent if N101 = DE or SF.
N4 will be sent when N101 = ST or DS.

N9 Reference Identification

Pos: 90	**Max: 10**
Heading - Optional	
Loop: N/A	**Elements: 3**

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: 7)

Code Name

DP   Department Number

> **General Mills Note:**
> Sent only when customer BOL requires customer's deptartment number. Also sent in NTE segment with a "WHI" qualifier. Used on pallet shipping labels.

OT   Sales Allowance Number

> **General Mills Note:**
> General Mills uses "OT" to indicate Order Type.

R1   Current Revision Number

> **General Mills Note:**
> Order revision number - original is "001" and all subsequent changes or delete will be incremented by 1.

ST   Store Number

> **General Mills Note:**
> Sent only when customer BOL requires customer's store or warehouse number. This information also sent in NTE segment with "WHI" qualifier.
>
> Also used in Pallet Shipping Labels.

ACC   Status

> **General Mills Note:**
> Sent when partner is part of the General Mills "Green Light" initiative.
> • A 'Y' indicates that "quality restricted" status product CAN be shipped on this delivery. For example, QR status product CAN be shipped on some interplant orders.
> • A 'N' indicates that "quality restricted" status product CANNOT be shipped on this delivery. This applies to customer orders and selected interplant sites.

PIN   Platform Identification Number

> **General Mills Note:**
> PIN is used to communicate Shipping Platform Type (pallet type). This is a temporary solution until a future version of the EDI standards contains the DE883 in the 940 transaction.

PRT   Product Type

> **General Mills Note:**
> Sent when the order contains Hub & Spoke items.

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

> **General Mills Note:** If N901 = OT, then N902 could = "KL" for Non-Profit orders (Donation Orders). General Mills will not send any value on the N901 & N902 for Profit orders.

> If N901 = OT, then N902 could = "EX" indicating export order, which would require the ocean shipping container ID's returned on the 945 transaction in the W2706/07 elements.

> If N901 = R1, then N902 will contain a three digit revision number. If W0501 = N (Original) then N902 will be 001, if W0501 = R (Change) or F (Cancel) then N902 will be 002 for the first revision and incremented

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		by 1 for every additional revision.				
		If N901 = PIN, then N902 will contain one of the following Pallet Type Codes:				
		7 = Slip Sheet				
		9 = Blue Plastic				
		11 = Euro Pallet				
		12 = Heat Treated				
		14 = White Wood				
		15 = 4-Way				
		16 = Leased (GMI will use this code to indicate CHEP)				
		18 = Leased Plastic Pallet (GMI will use this code to indicate iGPS)				
N903	369	**Free-form Description**	O	AN	1/45	Used
		Description: Free-form descriptive text				
		General Mills Note: *If N902 = KL, then N903 will be populated with "Donation Orders - Ship Specified Product."*				

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

User Option (Usage): Used

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
02	Delivery Requested on This Date
10	Requested Ship Date/Pick-up 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	Used

Description: Code specifying the reported time

Code List Summary (Total Codes: 42, Included: 1)

Code	Name
G	Earliest Requested Deliver Time

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6204	337	**Time**	O	TM	4/8	Used

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.

NTE   Note/Special Instruction

Pos: 120	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**	O	ID	3/3	Must use

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

Code List Summary (Total Codes: 241, Included: 3)

Code	Name
BOL	Bill of Lading Note
SPH	Special Handling
WHI	Warehouse Instruction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	352	**Description**	M	AN	1/80	Must use

Description: A free-form description to clarify the related data elements and their content

General Mills Note:

ALL NTE Segments sent to you should be reviewed regardless of qualifier in the NTE01 Element.

W09   Equipment and Temperature

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

User Option (Usage): Used

Purpose: To relate equipment type and required temperatures

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0901	40	**Equipment Description Code**	M	ID	2/2	Must use

Description: Code identifying type of equipment used for shipment

Code List Summary (Total Codes: 134, Included: 4)

Code	Name
FF	Frozen Food Trailer
RT	Controlled Temperature Trailer (Reefer)
TF	Trailer, Dry Freight
TW	Trailer, Refrigerated

Description: *A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature*

Syntax Rules:

1. P0203 - If either W0902 or W0903 is present, then the other is required.
2. P0405 - If either W0904 or W0905 is present, then the other is required.

W66 Warehouse Carrier Information

Pos: 140	**Max: 1**
Heading - Optional	
Loop: N/A	**Elements: 7**

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W6601	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

Code List Summary (Total Codes: 28, Included: 3)

Code	Name
CC	Collect
PB	Third Party Billing
PP	Prepaid (by Seller)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W6602	91	**Transportation Method/Type Code**	M	ID	1/2	Must use

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

General Mills Note: *All other codes will be assumed to be Truck.*

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
W6603	399	**Pallet Exchange Code**	O	ID	1/1	Must use

Description: Code specifying pallet exchange instructions

Code List Summary (Total Codes: 5, Included: 3)

Code	Name
1	No Exchange/No Return

General Mills Note:
Converted from SAP codes = 4W, EH, WW, WW2, HT

Code	Name
2	Exchange Pallets

General Mills Note:
Converted from SAP code = PL, IG, IG2

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:
Sent only if product is to be shipped on CHEP pallets (5 = CHEP pallets).
Converted from SAP codes = CH, CH2

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W6604	400	**Unit Load Option Code**	O	ID	2/2	Must use

Description: Code identifying loading or unloading a shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage

General Mills Note: *W6604 is the requested method of loading 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
W6605	387	**Routing**	O	AN	1/35	Used

Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W6606	433	**F.O.B. Point Code**	O	ID	2/2	Must use

Description: Code identifying type of F.O.B. point

Code List Summary (Total Codes: 4, Included: 2)

Code **Name**

02   Destination

04   Point of Origin

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W6610	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used

Description: Standard Carrier Alpha Code

Syntax Rules:

1. P0809 - If either W6608 or W6609 is present, then the other is required.

W6   Special Handling Information

Pos: 150	**Max: 1**
Heading - Optional	
Loop: N/A	**Elements: 1**

User Option (Usage): Used
Purpose: To provide special handling information that may be necessary for safe handling of shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W601	152	**Special Handling Code**	M	ID	2/3	Must use

Description: Code specifying special transportation handling instructions

Code List Summary (Total Codes: 527, Included: 2)

Code	Name
LBL	Apply a Uniform Code Council/International Article Numbering Association (UCC/EAN) Serial Shipping Container Label to the Shipping Containers

General Mills Note:

LBL will be sent when customer shipment requires Pallet Shipping Labels containing ship from, ship to and other order / shipment information (referred to as Shipping or Customer Label)

Code	Name
PBC	Pallet Label Barcode

General Mills Note:

PBC will be sent when customer requires a GS1-128 (Formerly UCC/EAN 128) barcode label on pallets, but, does not require the label to carry shipping information (Tracking Label)

General Mills Note:

For General Mills "customer" shipments:

When the W601 element contains "PBC" or "LBL", this indicates the type of pallet label which must be applied to all pallets on the shipment. The pallet information must also be sent to General Mills on the 945 transaction using the MAN and PAL segments.

For General Mills "interplant" shipments:

The W6 segment will not be sent on the 940 transaction. The "General Mills WMS Label" format should be used for all interplant shipments (if required to label or re-label products). All General Mills WMS tag information should be stored and sent to GMI on the 945 transaction using the MAN and PAL segments.

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
5	LX	Assigned Number	O	1		Used
20		Loop 0310	O		>1	Used

LX   Assigned Number

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

User Option (Usage): Used

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

Loop Line Item Detail - Warehouse

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

User Option (Usage): Used

Purpose: To transmit basic and most frequent shipment-related line-item data elements

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
20	W01	Line Item Detail - Warehouse	O	1		Used
40	N9	Reference Identification	O	200		Dependent

W01   Line Item Detail - Warehouse

<table>
<tr><td>Pos: 20</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: 0310</td><td>Elements: 11</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit basic and most frequent shipment-related line-item data elements

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0101	330	**Quantity Ordered**	M	R	1/15	Must use

Description: Quantity ordered

General Mills Note: *When W0501 is "R", this is a replacement value rather than a "change amount".*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0102	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

General Mills Note: *These codes represent the most commonly used Base Unit Of Measurement Codes within GMI.*

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: 7)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0103	438	**U.P.C. Case Code**	O	AN	12/12	Used

Description: Code (Universal Product Code - U.P.C.) 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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0104	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
W0105	234	**Product/Service ID**	O	AN	1/48	Must use

Description: Identifying number for a product or service

General Mills Note: *General Mills Internal Product code - 10 digits.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0106	235	**Product/Service ID Qualifier**	O	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)

Code	Name
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)

Description: *A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second*

		Code Name				
		five digits are the item code, and the final digit is the check digit				
W0107	234	**Product/Service ID**	O	AN	1/48	Used

Description: Identifying number for a product or service

General Mills Note: *14 digit UPC case code will be populated in this element.*

W0108	59	**Freight Class Code**	O	AN	2/5	Used

Description: Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.

General Mills Note: *Freight class code as assigned by GMI transportation group. This should be printed on the Bill of Lading.*

W0112	416	**Pallet Block and Tiers**	O	N0	6/6	Used

Description: Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet

General Mills Note:

First 3 digits = numer of cases per layer.

Next 3 digits = number of layers per pallet.

W0115	235	**Product/Service ID Qualifier**	O	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: 195, Included: 1)

Code Name

PI   Purchaser's Item Code

W0116	234	**Product/Service ID**	O	AN	1/48	Used

Description: Identifying number for a product or service

General Mills Note: *Customer Product code*

Syntax Rules:

1. R0304 - At least one of W0103 or W0104 is required.
2. P0405 - If either W0104 or W0105 is present, then the other is required.
3. P0607 - If either W0106 or W0107 is present, then the other is required.
4. P1011 - If either W0110 or W0111 is present, then the other is required.
5. P1516 - If either W0115 or W0116 is present, then the other is required.

N9 Reference Identification

User Option (Usage): Dependent
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
LT	Lot Number

> **General Mills Note:**
> *Lot code only sent if GMI Date Code is being requested for the shipment (Open in SAP Delivery for Batch Managed materials 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

> **General Mills Note:** *N902 may contain the GMI Date Code (format DDMMMYXX) or the Vendor Lot Code (vendor's format) for each material being requested to ship on the order.*

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 the N902 contains the GMI Date Code (format DDMMMYXX), then the N904 will contain the GMI Date Code converted to "date" format (CCYYMMDD).*

> *If the N902 contains the Vendor Lot Code (vendor's format), then the N904 will contain the vendor's production date or the receipt date (from N904 on 944 receipt to GMI).*

Syntax Rules:

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

General Mills Note:

This segment will be sent only if a specific GMI Date Code or Vendor Lot Code is being requested to ship for the material.

W76 Total Shipping Order

<table>
<tr><td>Pos: 10</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W7601	330	**Quantity Ordered**	M	R	1/15	Must use

Description: Quantity ordered

W7602	81	**Weight**	O	R	1/10	Used

Description: Numeric value of weight

W7603	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

W7604	183	**Volume**	O	R	1/8	Used

Description: Value of volumetric measure

W7605	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
CF   Cubic Feet

Syntax Rules:

1. P0203 - If either W7602 or W7603 is present, then the other is required.
2. P0405 - If either W7604 or W7605 is present, then the other is required.
3. C0603 - If W7606 is present, then W7603 is required.

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.*

| 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.*