940 Warehouse Shipping Order

UCS/V4030/940: 940 Warehouse Shipping Order

Company:	**General Mills**
Modified:	**2/11/2026**
Notes:	**Notice To Ship**

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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
0100	ST	Transaction Set Header	M	1			Must use
0200	W05	Shipping Order Identification	M	1			Must use
LOOP ID - 0100					**10**		
0400	N1	Name	O	1			Used
0600	N3	Address Information	O	2			Used
0700	N4	Geographic Location	O	1			Used
0900	N9	Reference Identification	O	10			Used
1100	G62	Date/Time	O	10			Used
1200	NTE	Note/Special Instruction	O	>1			Used
1300	W09	Equipment and Temperature	O	1			Used
1400	W66	Warehouse Carrier Information	O	1			Used
1500	W6	Special Handling Information	O	5			Used
1530	R2	Route Information	O	13			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
0050	LX	Assigned Number	O	1			Used
LOOP ID - 0310					**>1**		
0200	W01	Line Item Detail - Warehouse	O	1			Used
0300	G69	Line Item Detail - Description	O	5			Used
0400	N9	Reference Identification	O	200			Used
LOOP ID - LS					**1**		
1350	LS	Loop Header	O	1			Used
LOOP ID - 0330					**>1**	**N2/1400L**	
1400	LX	Assigned Number	O	1		N2/1400	Used
1500	N9	Reference Identification	O	>1			Used
2850	LE	Loop Trailer	M	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	W76	Total Shipping Order	O	1			Used
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage

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

Notes:

2/1400L The LX loop conveys serial number data.

2/1400 The LX loop conveys serial number data.

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)				
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 **Code List Summary** (Total Codes: 2, Included: 1) **Code Name** 00 No Security Information Present (No Meaningful Information in I04)				
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** ZZ Mutually Defined				
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 = GMITEST* *General Mills Production ID = 9251190000*				
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 **All valid standard codes are used. (Total Codes: 38)**				
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				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**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: 17, Included: 1)				
		Code **Name**				
		00403 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
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)				
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				
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** **Description:** Code identifying a group of application related transaction sets **Code List Summary** (Total Codes: 261, Included: 1) **Code** **Name** OW Warehouse Shipping Order (940)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **General Mills Note:** *General Mills Test & Production ID = 6125404455*	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use
GS05	337	**Time** **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)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **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)	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **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** 004030UCS	M	AN	1/12	Must use

ST Transaction Set Header

Pos: 0100	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: 314, Included: 1)				
		Code **Name** 940 Warehouse Shipping Order				
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: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

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 W501 is "R", the entire transaction set is resent. Changes are accomplished by restating the value of the data elements. This is a replacement value rather than a "change amount". When W501 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 (i.e. Customer's PO).*				
W0504	472	**Link Sequence Number**	C	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**	C	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 Freight Order (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: 311, Included: 1) **Code** **Name** 38 Change Address				
W0508	92	**Purchase Order Type Code**	O	ID	2/2	Used
		Description: Code specifying the type of Purchase Order				
		Code List Summary (Total Codes: 77, Included: 6) **Code** **Name** CU Customer Order				

Code	Name
DN	Donation Order
DO	Domestic Order
EP	Export Order
FS	Firesale Order
WT	Warehouse Transfer Order

Syntax Rules:

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

Loop Name

Pos: 0400	Repeat: 10
Optional	
Loop: 0100	Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Name	O	1		Used
0600	N3	Address Information	O	2		Used
0700	N4	Geographic Location	O	1		Used

N1 Name

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

User Option (Usage): Used
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: 1446, Included: 4) **Code** **Name** DE Depositor DS Distributor SF Ship From ST Ship To				
N102	93	**Name**	C	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	C	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: 223, 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				
N104	67	**Identification Code**	C	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 of SF* *General Mills 10 digit Customer Number when N101 = ST or DS* *(Note: DS wil 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: 0600	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 infomration.
N3 segment will NOT be sent if N101 = DE or SF
N3 segments will be sent if N101 = ST or DS

N4 Geographic Location

Pos: 0700	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

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**	C	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**	C	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

General Mills Note:

N4 will not be sent if N101 = DE or SF
N4 will be sent if N101 = ST or DS

N9 Reference Identification

Pos: 0900	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	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1631, Included: 9)

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.*
IL	Internal Order Number
	General Mills Note: *Order Number -- this is internal to General Mills. It is used to cross reference to the Preliminary 940 document that is part of advanced Available to Promise initiative. Only used by certain partners.*
QN	Stop Sequence Number
	General Mills Note: *Will contain stop sequence for this order on the shipment if multiple stops exist.*
R1	Current Revision Number
	General Mills Note: *Order revision number - original is "001" and all subsequent changes or delete will be incremented by 1.*
RU	Route Number
	General Mills Note: *Routing Schedule. Sent only on DSD orders.*
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).*
PRT	Product Type
	General Mills Note: *Sent when the order contains Hub & Spoke items. Helps prioritize what to ship.*

N902	127	**Reference Identification**	C	AN	1/50	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Reference Identification Qualifier				
		General Mills Note: *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: CHEP pallets* *17 = Leased: PECO pallets*				

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: 1100	Max: 10
Heading - Optional	
Loop: N/A	Elements: 4

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**	C	ID	2/2	Must use
		Description: Code specifying type of date **Code List Summary** (Total Codes: 138, Included: 2) **Code** **Name** 02 Delivery Requested on This Date 10 Requested Ship Date/Pick-up Date				
G6202	373	**Date**	C	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
G6203	176	**Time Qualifier**	C	ID	1/2	Used
		Description: Code specifying the reported time **Code List Summary** (Total Codes: 43, Included: 1) **Code** **Name** G Earliest Requested Deliver Time				
G6204	337	**Time**	C	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: 1200	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: 342, Included: 3)				
		Code **Name** BOL Bill of Lading Note SPH Special Handling WHI Warehouse Instruction				
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 should be reviewed, regardless of qualifier in the NTE01 Element.

W09 Equipment and Temperature

Pos: 1300	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: 137, Included: 4)				

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

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: 1400	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: 31, Included: 3)				
		Code **Name** CC Collect PB Third Party Billing PP Prepaid (by Seller)				
W6602	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: 81, Included: 12)				
		Code **Name** E Team Driver 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) SB Shipper Agent XE Intermodal Expedited				
W6603	399	**Pallet Exchange Code**	O	ID	1/1	Must use
		Description: Code specifying pallet exchange instructions				
		General Mills Note: *We expect CHEP or PECO counts back in the W1002 in the 945*				
		Code List Summary (Total Codes: 7, Included: 7)				
		Code **Name** 1 White Wood single platform 2 White Wood 2 pallets per stack 3 Heat Treated 4 CHEP single platform 5 CHEP 2 pallets per stack 6 PECO single platform 7 PECO 2 pallets per stack				
W6604	400	**Unit Load Option Code**	O	ID	2/2	Must use
		Description: Code identifying loading or unloading a shipment				
		General Mills Note: *W6604 is the requested method of loading a shipment.*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Code List Summary (Total Codes: 12, Included: 2) **Code** **Name** 01 Palletized 04 Slip Sheet				
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				
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				
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: 1500	Max: 5
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: 543, 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). This is a "special requirements" label.

Code	Name
PBC	Pallet Label Bar Code

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). This is the standard label.

R2 Route Information

Pos: 1530	Max: 13
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used
Purpose: To specify carrier and routing sequences and details

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R201	140	**Standard Carrier Alpha Code**	M	ID	2/4	Must use
		Description: Standard Carrier Alpha Code				
R202	133	**Routing Sequence Code**	M	ID	1/2	Must use
		Description: Code describing the relationship of a carrier to a specific shipment movement				
		Code List Summary (Total Codes: 23, Included: 1)				
		Code **Name**				
		B Origin/Delivery Carrier (Any Mode)				
R206	91	**Transportation Method/Type Code**	O	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment				
		Code List Summary (Total Codes: 80, Included: 4)				
		Code **Name**				
		42 Parcel overnight air				
		43 Parcel Ground				
		44 Parcel 2 day air				
		46 Parcel 3 day air				

Syntax Rules:

1. C0807 - If R208 is present, then R207 is required.

General Mills Note:

R2 segment is presented only when W6602 = U.
To provide additional detail on what private parcel service has been assigned.

Loop Assigned Number

Pos: 0050	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
0050	LX	Assigned Number	O	1		Used
0200		Loop 0310	O		>1	Used

LX Assigned Number

Pos: 0050	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** **Description:** Number assigned for differentiation within a transaction set	M	N0	1/6	Must use

Loop Line Item Detail - Warehouse

Pos: 0200	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
0200	W01	Line Item Detail - Warehouse	O	1		Used
0300	G69	Line Item Detail - Description	O	5		Used
0400	N9	Reference Identification	O	200		Used
1350		Loop LS	O		1	Used

W01 Line Item Detail - Warehouse

Pos: 0200	Max: 1
Detail - Optional	
Loop: 0310	Elements: 13

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	R0	1/15	Must use
		Description: Quantity ordered **General Mills Note:** *When W0501 is "R", this is a replacement value - not a "change amount"*				
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.*				
W0103	438	**U.P.C. Case Code**	C	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)				
W0104	235	**Product/Service ID Qualifier**	C	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
W0105	234	**Product/Service ID**	C	AN	1/48	Must use
		Description: Identifying number for a product or service **General Mills Note:** *General Mills internal product code - 10 digits*				
W0106	235	**Product/Service ID Qualifier**	C	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: 803, Included: 7)

Code	Name
BG	Bag
CA	Case
EA	Each
FT	Foot
LB	Pound
PK	Package
	General Mills Note: *For DSD*
PL	Pallet/Unit Load

Code List Summary (Total Codes: 505, Included: 1)

Code	Name
VN	Vendor's (Seller's) Item Number

Code List Summary (Total Codes: 505, Included: 1)

Code	Name
UK	EAN/UCC - 14

Code Name

Description: *Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)*

W0107	234	**Product/Service ID**	C	AN	1/48	Used

Description: Identifying number for a product or service

General Mills Note: *14 digit UPC case code*

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 transpotation 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 = number of cases per layer

Next 3 digits = number of layers per pallet

W0113	451	**Warehouse Lot Number**	O	AN	1/12	Used

Description: Reference number assigned by the warehouse

General Mills Note: *This slot is used for select partners in West Coast Project. For other partners this will be left blank (ignore).*

W0114	286	**Product/Service Condition Code**	O	ID	2/2	Used

Description: Code identifying condition of product/service

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

Code	Name
10	Ship LIFO
11	Ship FIFO

W0115	235	**Product/Service ID Qualifier**	C	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: 505, Included: 1)

Code	Name
PI	Purchaser's Item Code

W0116	234	**Product/Service ID**	C	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.

G69 Line Item Detail - Description

Pos: 0300	Max: 5
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): Used
Purpose: To describe an item in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6901	369	**Free-form Description**	M	AN	1/45	Must use
		Description: Free-form descriptive text				
		General Mills Note: *Material description will be provided in the language of the ship-to location.*				

N9 Reference Identification

Pos: 0400	Max: 200
Detail - Optional	
Loop: 0310	Elements: 4

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: 1631, Included: 4)				
		Code **Name**				
		IQ End Item				
		General Mills Note: *Will send this qualifier to represent a "variance" to remaining days of shelf life. If the remaining days shelf life (SHL) can't be fulfilled, product allocation rules should use this variance to find product. (Used primarily by the refrigerated and export business areas at General Mills)*				
		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)*				
		PD Promotion/Deal Number				
		General Mills Note: *PD will be sent when this item is Merchandised and is considered high priority for shipment.*				
		SHL Shelf Life Indicator				
		General Mills Note: *GMI will send this qualifer to inform a you of product freshness "exceptions". GMI will send the remaining number of days shelf life required at time of delivery for an order, by material. (Used primarily by the refrigerated and export business areas at General Mills)*				
N902	127	**Reference Identification**	C	AN	1/50	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) for each material being requested to ship on the order.*				
		When N901 = PD, this element not populated				
		When N901 = IQ, this element will contain the number of days variance (numeric)				
		When N901 = SHL, this element will contain the number of shelf life days remaining (numeric)				
N903	369	**Free-form Description**	C	AN	1/45	Used
		Description: Free-form descriptive text				
		General Mills Note: *Will only be populated when N901 = "PD". Then N903 will contain "Merchandised Item, DO NOT CUT".*				
N904	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		General Mills Note: *If the N902 contains the GMI Date Code (format DDMMMYXX), then the N904 will contain the GMI Date Code in "date" format (CCYYMMDD).*				

Syntax Rules:

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

Loop Loop Header

Pos: 1350	Repeat: 1
Optional	
Loop: LS	Elements: N/A

User Option (Usage): Used
Purpose: To indicate that the next segment begins a loop

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1350	LS	Loop Header	O	1		Used
1400		Loop 0330	O		>1	Used
2850	LE	Loop Trailer	M	1		Must use

LS Loop Header

Pos: 1350	Max: 1
Detail - Optional	
Loop: LS	Elements: 1

User Option (Usage): Used

Purpose: To indicate that the next segment begins a loop

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LS01	447	**Loop Identifier Code**	M	AN	1/6	Must use
		Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE				
		General Mills Note: *Will contain Loop ID "0330"*				

Loop Assigned Number

Pos: 1400	Repeat: >1
Optional	
Loop: 0330	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
1400	LX	Assigned Number	O	1		Used
1500	N9	Reference Identification	O	>1		Used

LX Assigned Number

Pos: 1400	Max: 1
Detail - Optional	
Loop: 0330	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				

General Mills Note:

*An LX loop, containing an N9 will be sent to identify every item that is subsititutable for the main item on the order from the W01 segment. 1 to 10 items could be sent. When more than one is sent, the LX looping sequence is also the priority for substitution. For example, in LX loop 3 (LX*3), the N9 will contain the 3rd priority item for substitution.*

N9 Reference Identification

Pos: 1500	Max: >1
Detail - Optional	
Loop: 0330	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	Must use
		Description: Code qualifying the Reference Identification				
		Code List Summary (Total Codes: 1631, Included: 1)				
		Code **Name** QP Substitute Part Number				
N902	127	**Reference Identification**	C	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		General Mills Note: *N902 element will contain item number for items that can be substituted for the item to be shipped in the W0105.*				

Syntax Rules:

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

LE Loop Trailer

Pos: 2850	Max: 1
Detail - Mandatory	
Loop: LS	Elements: 1

User Option (Usage): Must use

Purpose: To indicate that the loop immediately preceding this segment is complete

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LE01	447	**Loop Identifier Code**	M	AN	1/6	Must use
		Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE				
		General Mills Note: *Will contain Loop ID "0330"*				

W76 Total Shipping Order

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 5

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	R0	1/15	Must use
		Description: Quantity ordered				
W7602	81	**Weight**	C	R2	1/10	Used
		Description: Numeric value of weight				
W7603	355	**Unit or Basis for Measurement Code**	C	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: 803, Included: 1)				
		Code **Name**				
		LB Pound				
W7604	183	**Volume**	C	R3	1/8	Used
		Description: Value of volumetric measure				
W7605	355	**Unit or Basis for Measurement Code**	C	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: 803, 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: 0200	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				
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				
		General Mills Note: *The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).*				

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.*				