



**General
Mills**

**Making Food
People Love**

945 Warehouse Shipping Advice

UCS/V4010/945 Warehouse Shipping Advice

Company:

General Mills

Modified:

1/12/2018

Notes:

Notice of Shipment

Table of Contents

945 Warehouse Shipping Advice	1
ISA Interchange Control Header	2
GS Functional Group Header	4
ST Transaction Set Header	6
W06 Warehouse Shipment Identification	7
0100 Loop Name	8
N1 Name	9
N9 Reference Identification	10
G62 Date/Time	11
W27 Carrier Detail	12
W10 Warehouse Additional Carrier Information	13
0300 Loop Assigned Number	15
LX Assigned Number	16
MAN Marks and Numbers	17
PAL Pallet Information	18
0310 Loop Warehouse Item Detail	19
W12 Warehouse Item Detail	20
N9 Reference Identification	23
W03 Total Shipment Information	24
SE Transaction Set Trailer	25
GE Functional Group Trailer	26
IEA Interchange Control Trailer	27

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:

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

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
10	ST	Transaction Set Header	M	1			Must use
20	W06	Warehouse Shipment Identification	M	1			Must use

<u>LOOP ID - 0100</u>					<u>10</u>	
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:

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

Summary:

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

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code to identify the type of information in the Authorization Information All valid standard codes are used. (Total Codes: 7)</p>										
ISA02	I02	Authorization Information	M	AN	10/10	Must use				
<p>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)</p>										
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code to identify the type of information in the Security Information All valid standard codes are used. (Total Codes: 2)</p>										
ISA04	I04	Security Information	M	AN	10/10	Must use				
<p>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)</p>										
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p>										
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use				
<p>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</p>										
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 38, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>08</td> <td>UCC EDI Communications ID (Comm ID)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	08	UCC EDI Communications ID (Comm ID)
<u>Code</u>	<u>Name</u>									
08	UCC EDI Communications ID (Comm ID)									
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use				
<p>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</p> <p>General Mills Note: General Mills Test ID = 925119TEST General Mills Production ID = 9251190000</p>										
ISA09	I08	Interchange Date	M	DT	6/6	Must use				
<p>Description: Date of the interchange</p>										
ISA10	I09	Interchange Time	M	TM	4/4	Must use				
<p>Description: Time of the interchange</p>										
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<p>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)</p>				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		<p>Description: Code specifying the version number of the interchange control segments CodeList Summary (Total Codes: 13, Included: 1) <u>Code</u> <u>Name</u> 00401 Standards Approved for Publication by ASCX12 Procedures Review Board through October 1997</p>				
ISA13	I12	Interchange Control Number	M	NO	9/9	Must use
		<p>Description: A control number assigned by the interchange sender</p>				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
		<p>Description: Code sent by the sender to request an interchange acknowledgment (TA1) All valid standard codes are used. (Total Codes: 2)</p>				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use
		<p>Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information CodeList Summary (Total Codes: 3, Included: 1) <u>Code</u> <u>Name</u> P Production Data</p>				
ISA16	I15	Component Element Separator	M		1/1	Must use
		<p>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</p>				

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:

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

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 225, Included: 1)

Code Name

SW Warehouse Shipping Advice (945)

GS02	142	Application Sender's Code	M	AN	2/15	Must use
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Description: Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
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Description: Code identifying party receiving transmission; codes agreed to by trading partners

General Mills Note:

General Mills Test & Production ID = 6125404455

GS04	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

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)

GS06	28	Group Control Number	M	N0	1/9	Must use
------	----	-----------------------------	---	----	-----	----------

Description: Assigned number originated and maintained by the sender

GS07	455	Responsible Agency Code	M	ID	1/2	Must use
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Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard

CodeList Summary (Total Codes: 2, Included: 1)

Code Name

T Transportation Data Coordinating Committee (TDCC)

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

CodeList 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

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code Name

945 Warehouse Shipping Advice

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

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

CodeList Summary (Total Codes: 13, Included: 1)

Code Name

F Full Detail

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)

W0603	373	Date	O	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

General Mills Note:

The actual "ship" date should be populated in this element.

W0607	474	Master Reference (Link) Number	O	AN	1/22	Must use
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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)

W0608	472	Link Sequence Number	O	N0	6/6	Must use
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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.

Semantics:

1. W0603 is the actual date on which shipment was made.

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

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

CodeList 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)

CodeList 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
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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.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Used

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 2)

Code Name

CN Carrier's Reference Number (PRO/Invoice)

ZZ Mutually Defined

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 = CN, Carrier's Reference Number (PRO/Invoice) should be sent in the N902.

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.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

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:

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

Description: Code specifying type of date

CodeList Summary (Total Codes: 137, Included: 2)

Code Name

- 11 Shipped on This Date
- 86 Actual Pickup Date

G6202	373	Date	O	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

G6203	176	Time Qualifier	O	ID	1/2	Must use
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Description: Code specifying the reported time

CodeList Summary (Total Codes: 42, Included: 2)

Code Name

- 3 Delivery Appointment Scheduled Time
- A Actual Departure Time

G6204	337	Time	O	TM	4/8	Must use
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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:

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

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

CodeList 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)

W2702	140	Standard Carrier Alpha Code	O	ID	2/4	Must use
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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"*

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.*

W2707	207	Equipment Number	O	AN	1/10	Must use
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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.

Semantics:

1. W2702 is required when W2701 equals "B", "E", "H", "I", "K", "L", "M", "P" or "T".
2. W2706 is required when W2701 equals "G" or "R".

Comments:

1. Shipment/Order Status Code is used at the total-invoice level only when differences cannot be provided at the line-item level or when the entire order has been shipped complete.

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

CodeList Summary (Total Codes: 12, Included: 2)

Code Name

- 01 Palletized
- 04 Slip Sheet

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

General Mills Note:

- **If shipping CHEP pallets, this element MUST BE populated with the actual CHEP count*
- **If shipping iGPS pallets, this element should be populated with zero or left blank.*

W1003	399	Pallet Exchange Code	O	ID	1/1	Must use
-------	-----	----------------------	---	----	-----	----------

Description: Code specifying pallet exchange instructions

CodeList Summary (Total Codes: 5, Included: 3)

Code Name

- 1 No Exchange/No Return

General Mills Note:

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

- 2 Exchange Pallets

General Mills Note:

Use this code if shipped on iGPS pallets or any other plastic pallet.

- 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 pallets

W1004	225	Seal Number	O	AN	2/15	Used
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Description: Unique number on seal used to close a shipment

General Mills Note:

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

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.

Semantics:

1. W1006 is the minimum allowable temperature condition for shipment (degrees Fahrenheit).
2. W1008 is the maximum allowable temperature condition for shipment (degrees Fahrenheit).

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		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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	NO	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:

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

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

CodeList Summary (Total Codes: 20, Included: 2)

Code Name

W Pallet Number

General Mills Note:

Use this code when sending the iGPS pallet tag number (represents the physical pallet bar code scan - 9 digits if scanning the pallet bar code, or 24 digits if using an RFID reader)

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)

MAN02	87	Marks and Numbers	M	AN	1/48	Must use
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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.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:

1. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2. MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers.
3. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

PAL Pallet Information

Pos: 15	Max: 1
Detail - Optional	
Loop: 0300	Elements: 1

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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.

CodeList 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
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.

Semantics:

1. PAL04 (Pack) is the number of pieces on the pallet.
2. PAL05 (Unit Weight) is the weight of the pallet alone, before loading.
3. PAL07 and PAL08 (Length and Width) are the dimensions of the pallet before loading.
4. PAL09 (Height) is the height of the pallet and load.
5. PAL11 and PAL13 (Gross Weight and Gross Volume) are measured after loading and includes the pallet.

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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: 8

User Option (Usage): Must use

Purpose: To designate those line items that were shipped

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W1201	368	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).

CodeList Summary (Total Codes: 102, Included: 2)

Code Name

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

W1202	330	Quantity Ordered	O	R	1/15	Used
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Description: Quantity ordered

W1203	382	Number of Units Shipped	O	R	1/10	Must use
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Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

W1204	383	Quantity Difference	O	R	1/9	Used
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Description: Numeric value of variance between ordered and shipped quantities

W1205	355	Unit or Basis for Measurement Code	O	ID	2/2	Must use
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

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.

CodeList 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

W1207	235	Product/Service ID Qualifier	O	ID	2/2	Must use
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				
		Code	Name			
		VN	Vendor's (Seller's) Item Number			
W1208	234	Product/Service ID	O	AN	1/48	Must use
		Description: Identifying number for a product or service				
		General Mills Note: <i>Should contain General Mills Internal Product Code - 10 digits.</i>				
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				
		CodeList Summary (Total Codes: 26, Included: 12)				
		Code	Name			
		01	Out of Stock			
		General Mills Note: <i>Converts in GMI business system (SAP) to 02-Stock Out/Unavailble</i>				
		02	Equipment Cut			
		General Mills Note: <i>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></i>				
		04	On Hold			
		General Mills Note: <i>Converts in GMI business system (SAP) to 15-Yoplait Cd Dt Exception</i>				
		07	Inventory Discrepancy			
		General Mills Note: <i>Converts in GMI business system (SAP) to 09-Qty Change GMI Driven</i>				
		08	Material Shortage			
		General Mills Note: <i>Converts in GMI business system (SAP) to 05-Internal Allocation</i>				
		09	Substitution			
		General Mills Note: <i>Converts in GMI business system (SAP) to 08-Customer Qty Chg</i>				
		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: <i>Converts in GMI business system (SAP) to 04-Nat'l Sales Allocation</i>				
		24	Product Withdrawn			
		General Mills Note: <i>Converts in GMI business system (SAP) to 07-Withdrawn</i>				
		25	Addition Requested by Customer			
		General Mills Note: <i>Converts in GMI business system (SAP) to 08-Customer Qty Chg</i>				
		26	Bacteria Clearance			
		General Mills Note: <i>Converts in GMI business system (SAP) to 06-Major Service Issue</i>				
		27	Cut Due to Intl Cust Age Requirement			

Code Name**General Mills Note:**

*Converts in GMI business system (SAP) to 03-Exceeds Age Requirement
Send code ZZ if unable to send code 27 (from 5010 Standard)*

ZZ Mutually Defined

General Mills Note:

*Converts in GMI business system (SAP) to 03-Exceeds Age Requirement
Use ZZ to indicate "Cut Due to int'l Age Req" **ONLY** if unable to send code 27*

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.

Semantics:

1. Whenever W1201 contains "IS", W1216, W1217, and W1218 refer to the original item ordered.

General Mills Note:

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

N9 Reference Identification

Pos: 40	Max: 200
Detail - Optional	
Loop: 0310	Elements: 3

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList 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 DDMMYYXX (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.

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.*

N902	127	Reference Identification	O	AN	1/30	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

N904	373	Date	O	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

General Mills Note:

If N902 contains the GMI Date Code (format DDMMYYXX) 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.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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
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Description: Numeric value of weight

General Mills Note:

Total Weight Shipped.

W0303	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	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				

Comments:

- SE is the last segment of each 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	NO	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	NO	1/9	Must use
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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.

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: <i>IEA01 contains the count of GS segments within the transmission.</i>						
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
Description: A control number assigned by the interchange sender						
General Mills Note: <i>IEA02 must be the same number as in the ISA segment (ISA13) for the transmission.</i>						