



**General
Mills**

**Making Food
People Love**

940 Warehouse Shipping Order

UCS/V4010/940: 940 Warehouse Shipping Order

Company:

General Mills

Modified:

1/12/2018

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:

<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	W05	Shipping Order Identification	M	1			Must use

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

<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			Used

<u>LOOP ID - 0310</u>					<u>>1</u>		
20	W01	Line Item Detail - Warehouse	O	1			Used
40	N9	Reference Identification	O	200			Dependent

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	W76	Total Shipping Order	O	1			Used
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 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:

<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
Description: Code to identify the type of information in the Authorization Information						
CodeList 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						
CodeList 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						
CodeList Summary (Total Codes: 38, Included: 1)						
Code Name						
08 UCC EDI Communications ID (Comm ID)						
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:						
<i>General Mills Test ID = 925119TEST</i>						
<i>General Mills Production ID = 9251190000</i>						
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						
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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		All valid standard codes are used. (Total Codes: 1)				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		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 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
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				
		CodeList Summary (Total Codes: 3, Included: 1)				
		<u>Code</u> <u>Name</u>				
		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:

<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

OW Warehouse Shipping Order (940)

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

General Mills Note:

General Mills Test & Production ID = 6125404455

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

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
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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)

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

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

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

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).

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:

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

CodeList 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
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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
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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
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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")

W0505	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

W0507	306	Action Code	O	ID	1/2	Used
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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.

CodeList Summary (Total Codes: 296, Included: 1)

Code Name

38	Change Address
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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:

<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	O	1		Must use
60	N3	Address Information	O	2		Used
70	N4	Geographic Location	O	1		Used

N1 Name

Pos: 40	Max: 1
Heading - Optional	
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: 4)

Code Name

DE Depositor
 DS Distributor
 SF Ship From
 ST Ship To

N102	93	Name	O	AN	1/60	Used
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Description: Free-form name

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

CodeList 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

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

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.

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:

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

Pos: 70	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

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>
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.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

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:

<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: 7)

Code Name

DP Department Number

General Mills Note:

Sent only when customer BOL requires customer's department 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.

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

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.

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

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

User Option (Usage): Used

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

- 02 Delivery Requested on This Date
- 10 Requested Ship Date/Pick-up 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	Used
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Description: Code specifying the reported time

CodeList Summary (Total Codes: 42, Included: 1)

Code Name

- G Earliest Requested Deliver Time

G6204	337	Time	O	TM	4/8	Used
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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.

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:

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

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

CodeList Summary (Total Codes: 241, Included: 3)

Code Name

BOL Bill of Lading Note

SPH Special Handling

WHI Warehouse Instruction

NTE02	352	Description	M	AN	1/80	Must use
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Description: A free-form description to clarify the related data elements and their content

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

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:

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

Description: Code identifying type of equipment used for shipment

CodeList 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.

Semantics:

1. W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
2. W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
3. W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.
4. W0908 is the humidity percentage.
5. W0909 is the number of air exchanges per hour.

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:

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

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included: 3)

Code Name

- CC Collect
- PB Customer Pick-up/Backhaul
- PP Prepaid (by Seller)

W6602	91	Transportation Method/Type Code	M	ID	1/2	Must use
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Description: Code specifying the method or type of transportation for the shipment

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

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)

W6603	399	Pallet Exchange Code	O	ID	1/1	Must use
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Description: Code specifying pallet exchange instructions

CodeList 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

- 2 Exchange Pallets

General Mills Note:

Converted from SAP code = PL, IG, IG2

- 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

W6604	400	Unit Load Option Code	O	ID	2/2	Must use
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Description: Code identifying loading or unloading a shipment

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
General Mills Note: W6604 is the requested method of loading a shipment.						
CodeList 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						
CodeList 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.

Semantics:

1. W6609 is the monetary amount of the charges to be collected on delivery of order.

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:

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

Description: Code specifying special transportation handling instructions

CodeList 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)

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:

<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

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:

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

W01 Line Item Detail - Warehouse

Pos: 20	Max: 1
Detail - Optional	
Loop: 0310	Elements: 11

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".

W0102	355	Unit or Basis for Measurement Code	M	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: 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.

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

W0103	438	U.P.C. Case Code	O	AN	12/12	Used
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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	O	ID	2/2	Must use
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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

W0105	234	Product/Service ID	O	AN	1/48	Must use
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Description: Identifying number for a product or service

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

W0106	235	Product/Service ID Qualifier	O	ID	2/2	Used
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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

- 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

N9 Reference Identification

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

User Option (Usage): Dependent

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: 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)

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

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

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

General Mills Note: *If the N902 contains the GMI Date Code (format DDMMYYXX), 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.

Semantics:

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

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

Pos: 10	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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				
		CodeList Summary (Total Codes: 794, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		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				
		CodeList Summary (Total Codes: 794, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		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.

Comments:

1. Quantity ordered (W7601) is a hash total and the unit of measure is not 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:

<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	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
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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>						