



**General  
Mills**

**Making Food  
People Love**

# **940 Warehouse Shipping Order**

**UCS/V4030/940: 940 Warehouse Shipping Order**

**Company:**

**General Mills**

**Modified:**

**1/11/2018**

**Notes:**

**Notice To Ship**

# Table of Contents

<b>940 Warehouse Shipping Order</b>	<b>1</b>
<b>ISA Interchange Control Header</b>	<b>3</b>
<b>GS Functional Group Header</b>	<b>5</b>
<b>ST Transaction Set Header</b>	<b>7</b>
<b>W05 Shipping Order Identification</b>	<b>8</b>
<b>0100 Loop Name</b>	<b>10</b>
<b>N1 Name</b>	<b>11</b>
<b>N3 Address Information</b>	<b>12</b>
<b>N4 Geographic Location</b>	<b>13</b>
<b>N9 Reference Identification</b>	<b>14</b>
<b>G62 Date/Time</b>	<b>16</b>
<b>NTE Note/Special Instruction</b>	<b>17</b>
<b>W09 Equipment and Temperature</b>	<b>18</b>
<b>W66 Warehouse Carrier Information</b>	<b>19</b>
<b>W6 Special Handling Information</b>	<b>21</b>
<b>R2 Route Information</b>	<b>22</b>
<b>0300 Loop Assigned Number</b>	<b>23</b>
<b>LX Assigned Number</b>	<b>24</b>
<b>0310 Loop Line Item Detail - Warehouse</b>	<b>25</b>
<b>W01 Line Item Detail - Warehouse</b>	<b>26</b>
<b>G69 Line Item Detail - Description</b>	<b>28</b>
<b>N9 Reference Identification</b>	<b>29</b>
<b>LS Loop Loop Header</b>	<b>31</b>
<b>LS Loop Header</b>	<b>32</b>
<b>0330 Loop Assigned Number</b>	<b>33</b>
<b>LX Assigned Number</b>	<b>34</b>
<b>N9 Reference Identification</b>	<b>35</b>
<b>LE Loop Trailer</b>	<b>36</b>
<b>W76 Total Shipping Order</b>	<b>37</b>
<b>SE Transaction Set Trailer</b>	<b>38</b>
<b>GE Functional Group Trailer</b>	<b>39</b>
<b>IEA Interchange Control Trailer</b>	<b>40</b>

# 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>
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:

<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>&gt;1</u>		

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:

<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>
0100	W76	Total Shipping Order	O	1			Used
0200	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>
------------	-----------	---------------------	------------	----------------	---------------	--------------	--------------

<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

Notes:

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

# ISA Interchange Control Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 16</b>

**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	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Authorization Information						
<b>CodeList Summary</b> (Total Codes: 7, Included: 1)						
<b>Code Name</b>						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
<b>Description:</b> 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	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Security Information						
<b>CodeList Summary</b> (Total Codes: 2, Included: 1)						
<b>Code Name</b>						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
<b>Description:</b> 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	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>CodeList Summary</b> (Total Codes: 38, Included: 1)						
<b>Code Name</b>						
08 UCC EDI Communications ID (Comm ID)						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
<b>Description:</b> 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						
<b>General Mills Note:</b>						
<i>General Mills Test ID = 925119TEST</i>						
<i>General Mills Production ID = 9251190000</i>						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>All valid standard codes are used. (Total Codes: 38)</b>						
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
<b>Description:</b> 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	<b>Interchange Date</b>	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>
		<b>Description:</b> Date of the interchange				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<b>Description:</b> Time of the interchange				
ISA11	I65	<b>Repetition Separator</b>	M		1/1	Must use
		<b>Description:</b> 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	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> Code specifying the version number of the interchange control segments				
		<b>CodeList Summary</b> (Total Codes: 17, Included: 1)				
		<b>Code    Name</b>				
		00403   Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1)				
		<b>All valid standard codes are used. (Total Codes: 2)</b>				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		<b>CodeList Summary</b> (Total Codes: 3, Included: 1)				
		<b>Code    Name</b>				
		P        Production Data				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Description:</b> 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

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**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	<b>Functional Identifier Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying a group of application related transaction sets						
<b>CodeList Summary</b> (Total Codes: 261, Included: 1)						
<b>Code Name</b>						
OW Warehouse Shipping Order (940)						
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners						
<b>General Mills Note:</b>						
General Mills Test & Production ID = 6125404455						
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						
GS05	337	<b>Time</b>	M	TM	4/8	Must use
<b>Description:</b> 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	<b>Group Control Number</b>	M	N0	1/9	Must use
<b>Description:</b> Assigned number originated and maintained by the sender						
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard						
<b>CodeList Summary</b> (Total Codes: 2, Included: 1)						
<b>Code Name</b>						
T Transportation Data Coordinating Committee (TDCC)						
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
<b>Description:</b> 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						
<b>CodeList Summary</b> (Total Codes: 33, Included: 1)						
<b>Code Name</b>						
004030UCS						

## 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: 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:

<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: 314, Included: 1)

<u>Code</u>	<u>Name</u>
-------------	-------------

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

## Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

# 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:

<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 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.

**CodeList Summary** (Total Codes: 12, Included: 3)

<u>Code</u>	<u>Name</u>
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 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.

**CodeList Summary** (Total Codes: 311, Included: 1)

<u>Code</u>	<u>Name</u>
38	Change Address

W0508	92	Purchase Order Type Code	O	ID	2/2	Used
-------	----	--------------------------	---	----	-----	------

**Description:** Code specifying the type of Purchase Order

**CodeList Summary** (Total Codes: 77, Included: 6)

<u>Code</u>	<u>Name</u>
CU	Customer Order
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

<b>Pos: 0400</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

**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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**CodeList Summary** (Total Codes: 1446, Included: 4)

### Code Name

DE Depositor  
DS Distributor  
SF Ship From  
ST Ship To

N102	93	<b>Name</b>	C	AN	1/60	Used
------	----	-------------	---	----	------	------

**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	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

**CodeList 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	<b>Identification Code</b>	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 or SF  
General Mills 10 digit Customer Number 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: 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 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

<b>Pos: 0700</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 4</b>

**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	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	C	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	C	ID	2/3	Used
		<b>Description:</b> 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.

## 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 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:

<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: 1631, Included: 8)

### 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.

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). 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	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:** If N901 = PIN, then N902 will contain one of the following Pallet Type Codes:



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		7 = Slip Sheet				
		9 = Blue Plastic				
		11 = Euro Pallet				
		12 = Heat Treated				
		14 = White Wood				
		15 = 4-Way				
		16 = Leased (GMI will use this code to indicate CHEP)				

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

<b>Pos: 1100</b>	<b>Max: 10</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 4</b>

**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	<b>Date Qualifier</b>	C	ID	2/2	Must use
<b>Description:</b> Code specifying type of date						
<b>CodeList Summary</b> (Total Codes: 138, Included: 2)						
<u>Code</u> <u>Name</u>						
02      Delivery Requested on This Date						
10      Requested Ship Date/Pick-up Date						
G6202	373	<b>Date</b>	C	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
G6203	176	<b>Time Qualifier</b>	C	ID	1/2	Used
<b>Description:</b> Code specifying the reported time						
<b>CodeList Summary</b> (Total Codes: 43, Included: 1)						
<u>Code</u> <u>Name</u>						
G      Earliest Requested Deliver Time						
G6204	337	<b>Time</b>	C	TM	4/8	Used
<b>Description:</b> 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:

<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: 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

## Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. 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 should be reviewed, regardless of qualifier in the NTE01 Element.*

# W09 Equipment and Temperature

<b>Pos:</b> 1300	<b>Max:</b> 1
<b>Heading - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 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: 137, Included: 4)

<u>Code</u>	<u>Name</u>
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.

## 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: 1400	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: 31, 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
-------	----	---------------------------------	---	----	-----	----------

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

**CodeList 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:** Extra codes for this segment are part of special map first available in July 2016. New partners will use these new codes from the start. Current partners will be moved over in time.

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

### Code Name

1	White Wood single platform [converted from SAP = 4W, EH, WW]
2	White Wood 2 pallets per stack [converted from SAP = WW2]
3	Heat Treated [converted from SAP = HT]
4	CHEP single platform [converted from SAP = CH]
5	CHEP 2 pallets per stack [converted from SAP = CH2]

### **General Mills Note:**

We expect CHEP count back on the W1002 in the 945

**Code Name****General Mills Note:***We expect CHEP count back on the W1002 in the 945*

W6604	400	<b>Unit Load Option Code</b>	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.***CodeList Summary** (Total Codes: 12, Included: 2)**Code Name**

01 Palletized

04 Slip Sheet

W6605	387	<b>Routing</b>	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	<b>F.O.B. Point Code</b>	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	<b>Standard Carrier Alpha Code</b>	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: 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:

<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: 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.*

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

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

**User Option (Usage):** Used

**Purpose:** To specify carrier and routing sequences and 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>
R201	140	<b>Standard Carrier Alpha Code</b>	M	ID	2/4	Must use
<b>Description:</b> Standard Carrier Alpha Code						
R202	133	<b>Routing Sequence Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code describing the relationship of a carrier to a specific shipment movement						
<b>CodeList Summary</b> (Total Codes: 23, Included: 1)						
<b><u>Code</u> <u>Name</u></b>						
B      Origin/Delivery Carrier (Any Mode)						
R206	91	<b>Transportation Method/Type Code</b>	O	ID	1/2	Used
<b>Description:</b> Code specifying the method or type of transportation for the shipment						
<b>CodeList Summary</b> (Total Codes: 80, Included: 4)						
<b><u>Code</u> <u>Name</u></b>						
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.

## Semantics:

1. R203 is the station or city name at which carriers interchange shipments.
2. R210 is the billing date.

## 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:

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

<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	N0	1/6	Must use
Description: Number assigned for differentiation within a transaction set						

# 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: 12

**User Option (Usage):** Used

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

## 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>
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.

**CodeList 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

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)

**CodeList Summary** (Total Codes: 505, Included: 1)

### Code Name

VN Vendor's (Seller's) Item Number

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)

**CodeList Summary** (Total Codes: 505, Included: 1)

**Code Name**

UK EAN/UCC - 14

**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 codeW0108 59 **Freight Class Code** O AN 2/5 Used**Description:** Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.**General Mills Note:** Freight class code as assigned by GMI transportation group. This should be printed on the Bill of Lading.W0112 416 **Pallet Block and Tiers** O NO 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

W0114 286 **Product/Service Condition Code** O ID 2/2 Used**Description:** Code identifying condition of product/service**CodeList 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)**CodeList 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:

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

<b>Pos: 0400</b>	<b>Max: 200</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 4</b>

**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: 1631, Included: 4)

### Code Name

IQ End Item

#### **General Mills Note:**

*GMI 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 business area at GMI)*

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 TPL 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 business area at GMI)*

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 DDMMYYXX) or the Vendor Lot Code (vendor's format) 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 DDMMYYXX), then the N904 will contain the GMI Date Code in "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.



# 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:

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

## Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

## Comments:

1. See Figures Appendix for an explanation of the use of the LS and LE segments.

# 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:

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

## Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

## Comments:

1. See Figures Appendix for an explanation of the use of the LS and LE segments.

# 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:

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

(The LX loop is part of X12 standard but not in UCS. General Mills has requested that the LX and N9 be opened for use in UCS)

# 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:

<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: 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.

## Semantics:

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

# 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:

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

## Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

## Comments:

1. See Figures Appendix for an explanation of the use of the LE and LS segments.

# W76 Total Shipping Order

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

**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	<b>Quantity Ordered</b>	M	R0	1/15	Must use
		<b>Description:</b> Quantity ordered				
W7602	81	<b>Weight</b>	C	R2	1/10	Used
		<b>Description:</b> Numeric value of weight				
W7603	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 803, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		LB	Pound			
W7604	183	<b>Volume</b>	C	R3	1/8	Used
		<b>Description:</b> Value of volumetric measure				
W7605	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 803, 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: 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).						

## Comments:

- 1. 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
------	----	----------------------	---	----	-----	----------

**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
<b>Description:</b> A count of the number of functional groups included in an interchange						
<b>General Mills Note:</b> IEA01 contains the count of GS segments within the transmission.						
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
<b>Description:</b> A control number assigned by the interchange sender						
<b>General Mills Note:</b> IEA02 must be the same number as in the ISA segment (ISA13) for the transmission.						