



**General  
Mills**

**Making Food  
People Love**

# **947 Warehouse Inventory Adjustment Advice**

**UCS/V4010/947: 947 Warehouse Inventory Adjustment Advice**

**Company:**

**General Mills**

**Modified:**

**1/12/2018**

**Notes:**

**Notice of Adjustment**

# Table of Contents

<b>947 Warehouse Inventory Adjustment Advice</b> .....	<b>1</b>
<b>ISA Interchange Control Header</b> .....	<b>2</b>
<b>GS Functional Group Header</b> .....	<b>4</b>
<b>ST Transaction Set Header</b> .....	<b>6</b>
<b>W15 Warehouse Adjustment Identification</b> .....	<b>7</b>
<b>0100 Loop Name</b> .....	<b>8</b>
<b>N1 Name</b> .....	<b>9</b>
<b>0300 Loop Warehouse Adjustment Item Detail</b> .....	<b>11</b>
<b>W19 Warehouse Adjustment Item Detail</b> .....	<b>12</b>
<b>N9 Reference Identification</b> .....	<b>15</b>
<b>G62 Date/Time</b> .....	<b>17</b>
<b>0330 Loop Assigned Number</b> .....	<b>18</b>
<b>SE Transaction Set Trailer</b> .....	<b>19</b>
<b>GE Functional Group Trailer</b> .....	<b>20</b>
<b>IEA Interchange Control Trailer</b> .....	<b>21</b>

# 947 Warehouse Inventory Adjustment Advice

Functional Group=**AW**

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Inventory Adjustment Advice Transaction Set (947) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to inform a warehouse/depositor of a quantity or status change to inventory records. This transaction set provides detail information concerning the internal adjustments which occur between a warehouse and a depositor.

**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>
010	ST	Transaction Set Header	M	1			Must use
020	W15	Warehouse Adjustment Identification	M	1			Must use

<u>LOOP ID - 0100</u>					<u>Repeat</u>		
040	N1	Name	M	1	100		Must use

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - 0300</u>					<u>Repeat</u>		
020	W19	Warehouse Adjustment Item Detail	M	1	>1	C2/020	Must use
040	N9	Reference Identification	O	10			Used
080	G62	Date/Time	O	10			Used
<u>LOOP ID - 0330</u>					<u>Repeat</u>		
210	SE	Transaction Set Trailer	M	1	>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

**Comments:**

2/020 To designate those items that were adjusted

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<p><b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer  <b>All valid standard codes are used. (Total Codes: 1)</b></p>				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<p><b>Description:</b> Code specifying the version number of the interchange control segments  <b>CodeList Summary</b> (Total Codes: 13, Included: 1)  <u>Code</u> <u>Name</u>                      00401 Standards Approved for Publication by ASCX12 Procedures REview Board through October 1997</p>				
ISA13	I12	<b>Interchange Control Number</b>	M	NO	9/9	Must use
		<p><b>Description:</b> A control number assigned by the interchange sender</p>				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<p><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></p>				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<p><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)  <u>Code</u> <u>Name</u>                      P Production Data</p>				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<p><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</p>				

# 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

**Description:** Code identifying a group of application related transaction sets

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

**Code Name**

AW Warehouse Inventory Adjustment Advice (947)

GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
------	-----	----------------------------------	---	----	------	----------

**Description:** Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
------	-----	------------------------------------	---	----	------	----------

**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

**General Mills Note:**

*General Mills Test & Production ID = 6125404455*

GS04	373	<b>Date</b>	M	DT	8/8	Must use
------	-----	-------------	---	----	-----	----------

**Description:** Date expressed as CCYYMMDD

GS05	337	<b>Time</b>	M	TM	4/8	Must use
------	-----	-------------	---	----	-----	----------

**Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

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

**Description:** Assigned number originated and maintained by the sender

GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
------	-----	--------------------------------	---	----	-----	----------

**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	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
------	-----	---	---	----	------	----------

**Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

**CodeList Summary** (Total Codes: 33, Included: 1)

**Code Name**

004010UCS

## 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

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use

**Description:** Code uniquely identifying a Transaction Set

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

**Code Name**

947 Warehouse Inventory Adjustment Advice

ST02	329	<b>Transaction Set Control Number</b>	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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).



# W15 Warehouse Adjustment Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Must use

**Purpose:** To provide identifying numbers and dates and other basic data for this transaction set

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1501	373	Date	M	DT	8/8	Must use

**Description:** Date expressed as CCYYMMDD

W1502	31	Adjustment Number	C	AN	1/22	Used
-------	----	-------------------	---	----	------	------

**Description:** Identification assigned to an inventory level or status adjustment

**General Mills Note:** General Mills would like to see the General Mills delivery note number or Vendor P.O. number in this element (especially if sending this transaction immediately after receipt). If this information can't be provided, then please send your internal adjustment reference number.

For Canada locations, General Mills requires the General Mills disposition number in this element when W1901=07.

W1503	31	Adjustment Number	C	AN	1/22	Used
-------	----	-------------------	---	----	------	------

**Description:** Identification assigned to an inventory level or status adjustment

**General Mills Note:** Must be populated per Standard syntax rules. (P0203).

## Syntax Rules:

1. P0203 - If either W1502 or W1503 is present, then the other is required.

## Semantics:

1. W1502 is the identification assigned to an inventory level or status adjustment by the warehouse.
2. W1503 is the identification assigned to an inventory level or status adjustment by the depositor.

## General Mills Note:

General Mills encourages use of a unique identifier in either the W1502 or W1503 element to aid in reconciliation issues.  
 Note: Syntax requirement needs both W1502 and W1503.

# Loop Name

<b>Pos: 040</b>	<b>Repeat: 100</b>
<b>Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: N/A</b>

**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>
040	N1	Name	M	1		Must use

## 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.

# N1 Name

<b>Pos: 040</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: 4</b>

**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	<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: 1312, Included: 4)

**Code Name**

SF Ship From

**General Mills Note:**

*SF - Used as ship-from location in storage location transfers (movement type of "AK" in W1901), and used as production order location in consumption adjustments (movement type "AH" in W1901).*

ST Ship To

**General Mills Note:**

*ST - Used only with business approved plant transfers (movement type of "AK" in W1901).*

WD Storage Facility at Destination

**Description:** A storage facility located in the geographic vicinity of a destination location

**General Mills Note:**

*WD - Used as ship-to location in storage location transfers (movement type of "AK" in W1901).*

WH Warehouse

**General Mills Note:**

*WH - Used to indicate reporting facility and must be sent in all 947's.*

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)

**CodeList Summary** (Total Codes: 215, Included: 2)

**Code Name**

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

**General Mills Note:**

*Used when N101=ST or N101=WH*

54 Warehouse

**General Mills Note:**

*Used when N101=SF or N101=WD*

N104	67	<b>Identification Code</b>	C	AN	2/80	Must use
------	----	----------------------------	---	----	------	----------

**Description:** Code identifying a party or other code

**General Mills Note:** When N101=ST or N101=WH, the N104 will contain the DUNS+4 value.

When N101=SF or N101=WD, the N104 will contain the General Mills facility+storage location code - (example: MRWA is the main location, MRMI is a storage location).

## 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.

# Loop Warehouse Adjustment Item Detail

Pos: 020	Repeat: >1
Mandatory	
Loop: 0300	Elements: N/A

**User Option (Usage):** Must use

**Purpose:** To designate those items that were adjusted

## 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>
020	W19	Warehouse Adjustment Item Detail	M	1		Must use
040	N9	Reference Identification	O	10		Used
080	G62	Date/Time	O	10		Used
150		Loop 0330	O		>1	Used

# W19 Warehouse Adjustment Item Detail

Pos: 020	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 8

User Option (Usage): Must use

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1901	181	Quantity or Status Adjustment Reason Code	M	ID	2/2	Must use

**Description:** Code indicating reason for change in level or status of inventory

**General Mills Note:**

W1901 indicates the reason for change in level or status of inventory.

**IMPORTANT!**

General Mills' system has issues when some codes are sent together in a single transaction so adjustments can only be grouped in a single ST as shown.

- AC, AD
- 88
- AA, AE (when AE does not have the N9\*MH)
- AE (when AE does have the N9\*MH)
- 05, 55, AF
- 07
- AH for production orders with the same storage location
- AK storage location transfers with the same to and from storage locations
- AK plant transfers with the same to and from plants

For example, if code 05 and code 88 are sent in the same transaction, the document will fail.

Also note that code 08 is no longer valid for putting product on QI hold. QI needs to be setup in General Mills SAP system where it will be set to QI once product meets the specific incubation interval when a receipt is processed.

**CodeList Summary** (Total Codes: 50, Included: 11)

**Code Name**

- 05 Product Put on Hold
- 07 Product Dumped or Destroyed
- 55 Product Taken Off Hold
- 88 Product Removed from Quality Inspection Inventory
- AA Physical Count

**General Mills Note:**

Denotes Inventory Incremental or Decremental Stock adjustment NOT a Physical Count Overlay.

AC Condition Change

**General Mills Note:**

Used to put product on hold ONLY if the product is currently in Quality Inspection Inventory.

AD Purpose Change

**General Mills Note:**

Used to Dump/Destroy product ONLY if the product is currently in Quality Inspection Inventory.

AE Reidentification

**General Mills Note:**

Used for regrading inventory.

AF Stock Number Change

**General Mills Note:**

Denotes Material to Material transfer. Example: commodity transfer or batch correction.

AH Other

**Code Name**

**General Mills Note:**

Limited use. Used to report consumption / refeed.

Requires two N1 segments

- N1\*WH: reporting facility

- N1\*SF: storage location of production order

Requires two N9 segments

- N9\*LT: product lot code (not required for ingredients)

- N9\*MH: General Mills production order number

AK Transfer

**General Mills Note:**

Limited use as approved by General Mills business personnel. Used for Transfer of Inventory between locations.

Storage Location Transfer - requires three N1 segments:

- N1\*WH: reporting facility

- N1\*SF: ship-from location

- N1\*WD: ship-to locaiton

Plant Transfer - requires two N1 segments:

- N1\*WH: reporting facility / ship-from location

- N1\*ST: ship-to location

W1902	477	<b>Credit/Debit Quantity</b>	M	R3	1/10	Must use
-------	-----	------------------------------	---	----	------	----------

**Description:** Number of supplier units credited or debited

**General Mills Note:** Whenever W1902 contains a negative value, precede it with a minus sign.

W1903	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
-------	-----	---	---	----	-----	----------

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

If your facility "produces" product for General Mills, a more comprehensive list may be needed for your operations. Please discuss your needs with a General Mills EDI support person. General Mills 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

W1905	235	<b>Product/Service ID Qualifier</b>	C	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.

**CodeList Summary** (Total Codes: 477, Included: 1)

**Code Name**

- VN Vendor's (Seller's) Item Number

W1906	234	<b>Product/Service ID</b>	C	AN	1/48	Must use
-------	-----	---------------------------	---	----	------	----------

**Description:** Identifying number for a product or service

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<b>General Mills Note:</b> Must contain General Mills Internal Product Code - 10 digits.						
W1907	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
<b>General Mills Note:</b> Use W1907/08 only for the "To" Material, when transferring material using "AF" code in the W1901.						
<b>CodeList Summary</b> (Total Codes: 477, Included: 1)						
<b>Code Name</b>						
VN Vendor's (Seller's) Item Number						
W1908	234	<b>Product/Service ID</b>	C	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
<b>General Mills Note:</b> Must contain General Mills Internal Product Code - 10 digits.						
W1916	529	<b>Inventory Transaction Type Code</b>	O	ID	1/2	Used
<b>Description:</b> Code defining inventory activity						
<b>General Mills Note:</b> When W1901 = "07", use "QU" (or leave this element blank) to scrap from held/blocked inventory. When W1901 = "07", use "SA" to scrap from unrestricted inventory.						
When W1901 = "AA", use "QU" to make adjustments to held/blocked inventory. When W1901 = "AA", use "SA" (or leave this element blank) to make adjustments to unrestricted inventory.						
When W1901 = "AE", use "QU" to make adjustments to receive into held/blocked inventory. When W1901 = "AE", use "SA" (or leave this element blank) to make adjustments to receive into unrestricted inventory.						
<b>CodeList Summary</b> (Total Codes: 16, Included: 2)						
<b>Code Name</b>						
QU Hold/Quarantined Inventory						
SA Saleable Inventory						

**Syntax Rules:**

1. R0405 - At least one of W1904 or W1905 is required.
2. P0506 - If either W1905 or W1906 is present, then the other is required.
3. P0708 - If either W1907 or W1908 is present, then the other is required.
4. C101112 - If W1910 is present, then W1911 and W1912 are required.
5. C131415 - If W1913 is present, then W1914 and W1915 are required.
6. P1718 - If either W1917 or W1918 is present, then the other is required.

**General Mills Note:**

**IMPORTANT!**

General Mills' system has issues when some codes are sent together in a single transaction so adjustments can only be grouped in a single ST as shown.

- AC, AD
- 88
- AA, AE (when AE does not have the N9\*MH)
- AE (when AE does have the N9\*MH)
- 05, 55, AF
- 07
- AH for production orders with the same storage location
- AK storage location transfers with the same to and from storage locations
- AK plant transfers with the same to and from plants

For example, if code 05 and code 88 are sent in the same transaction, the document will fail.



# N9 Reference Identification

<b>Pos: 040</b>	<b>Max: 10</b>
<b>Detail - Optional</b>	
<b>Loop: 0300</b>	<b>Elements: 3</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: 1503, Included: 4)

**Code Name**

BT Batch Number

**General Mills Note:**

*Use N901=BT only for the "To" batch when transferring material / batch using the "AF" code in the W1901.*

LT Lot Number

**General Mills Note:**

*When N901 = LT and the material was produced for General Mills, the N902 must contain the GMI Lot Code (aka Date Code).*

*The format needs to be DDMMYYXX (where XX is the two-digit location identifier). This format may appear on the case or shipping container with a four-digit year, but only include the last digit in this electronic format.*

*If the material is from a vendor, the vendor's lot code format should be used. This will vary by vendor.*

MH Manufacturing Order Number

**General Mills Note:**

*Only used when W1901=AH or AE*

TD Reason for Change

**General Mills Note:**

*N901 = TD must be used only when W1901 equals "07" or "AD".*

N902	127	Reference Identification	C	AN	1/30	Must use
------	-----	--------------------------	---	----	------	----------

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

**General Mills Note:** *If N901 = BT, then N902 should contain the "to" batch. Only use when W1901 = 'AF'.*

*If N901 = LT, then N902 should contain the General Mills lot code as it appears on the case or shipping container, including the producing location information - XX (format DDMMYYXX). Or the N902 should contain the vendor lot code (vendor's format).*

*If N901 = MH, then N902 must contain the General Mills production order number.*

*If N901 = TD, then N902 must contain one of the 4 digit numeric reason codes below.*

- 0003 = Carrier Damage
- 0007 = Preload Damage
- 0013 = Hidden Damage
- 0017 = Miscellaneous
- 0019 = Out of Code/Old Age
- 0025 = Quality
- 0028 = Spl PK Production Damage
- 0033 = Customer Damage

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		0036 = Warehouse Damage 0042 = Burst 0048 = Packaging Failure/Humidity Damage 0053 = Animal Feed 0900 = Firesale 0901 = Reversal-Donation				

N904	373	<b>Date</b>	O	DT	8/8	Used
<p><b>Description:</b> Date expressed as CCYYMMDD</p> <p><b>General Mills Note:</b> If N901=LT and N902 contains the General Mills lot code (format DDMMYYXX) then the N904 should be the General Mills lot code in "date" format (CCYYMMDD).</p> <p>If N901=LT and N902 contains the vendor lot code (vendor's format), then the N904 should contain the vendor's production or receipt date (same date that was sent to General Mills on the 944 receipt transaction).</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.

# G62 Date/Time

<b>Pos: 080</b>	<b>Max: 10</b>
<b>Detail - Optional</b>	
<b>Loop: 0300</b>	<b>Elements: 2</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	Used
<b>Description:</b> Code specifying type of date						
<b>CodeList Summary</b> (Total Codes: 137, Included: 1)						
<b>Code Name</b>						
07 Effective Date						
G6202	373	<b>Date</b>	C	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD						

## 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.

## General Mills Note:

*Date adjustment is Effective Date. If not provided, the W1501 date will be used.*

# Loop Assigned Number

Pos: 150	Repeat: >1
Optional	
Loop: 0330	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To reference a line number in a transaction set

# SE Transaction Set Trailer

<b>Pos: 210</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Number of Included Segments</b>	M	NO	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> 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

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Number of Transaction Sets Included</b>	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	<b>Group Control Number</b>	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

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use

**Description:** A count of the number of functional groups included in an interchange

**General Mills Note:** *IEA01 contains the count of GS segments within the transmission.*

IEA02	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
-------	-----	-----------------------------------	---	----	-----	----------

**Description:** A control number assigned by the interchange sender

**General Mills Note:** *IEA02 must be the same number as in the ISA segment (ISA13) for the transmission.*