



**General
Mills**

**Making Food
People Love**

947 Warehouse Inventory Adjustment Advice

UCS/V4010/947 : 947 Warehouse Inventory Adjustment Advice

Company:

General Mills

Modified:

6/30/2020

Notes:

Inventory Status

**Outbound transaction (from
General Mills to trading
partners) for the following
projects:**

Green Light

Reach and Hold

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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

LOOP ID - 0100					100		
040	N1	Name	M	1			Must use
110	G62	Date/Time	O	5			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>
LOOP ID - 0300					>1		
020	W19	Warehouse Adjustment Item Detail	M	1			Must use
040	N9	Reference Identification	O	10			Used
080	G62	Date/Time	O	10			Used
210	SE	Transaction Set Trailer	O	1			Used

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:

This specification applies to two quality initiatives at General Mills:

-- Green Light (GL) -- indicates with material/lot combinations are on "Quality Restricted" status which restricts sending to customers (but not interplant transfers).

-- Reach and Hold (R&H) -- communicates which material/lot combinations (or which particular pallet ID's) should be placed on HiFi (Hold it / Find it) hold.

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						
AW Warehouse Inventory Adjustment Advice (947)						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
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
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
GS05	337	Time	M	TM	4/8	Must use
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
GS06	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard						
CodeList Summary (Total Codes: 2, Included: 1)						
Code Name						
T Transportation Data Coordinating Committee (TDCC)						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed						

ST Transaction Set Header

Pos: 010	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)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>947</td><td>Warehouse Inventory Adjustment Advice</td></tr></table>							<u>Code</u>	<u>Name</u>	947	Warehouse Inventory Adjustment Advice
<u>Code</u>	<u>Name</u>									
947	Warehouse Inventory Adjustment Advice									
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										

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

General Mills Note: This element is mandatory for the 947 transactionm so it indicates the date this transaction was created.

W1502	31	Adjustment Number	C	AN	1/22	Used
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Description: Identification assigned to an inventory level or status adjustment

General Mills Note: 6-digit HiFi hold number (for R&H).

This number can be sent in subsequent transactions (i.e. HIFI hold is created with 1 material/code date and then other materials and/or code dates are added to it later).

W1503	31	Adjustment Number	C	AN	1/22	Used
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Description: Identification assigned to an inventory level or status adjustment

General Mills Note: 4-digit hold reason code (for R&H).

We do not intend to give you every possible hold reason, but instead the following categories in case you want to manage anything special based on them.

For example, a reason code of 1620 would fall under the Appearance / Sensory Category.

1100 Analytical / Nutritional
 1600 Appearance / Sensory
 2100 Code Dating / Labeling
 2600 Dimensions / Size
 3100 Food Safety / Regulatory
 3600 Foreign Material
 4100 Formulation
 4600 Packaging
 5100 Performance
 5600 Supplier
 6100 Thermal Process Deviation
 6600 Corporate, Testing and Damage

Syntax Rules:

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

Loop Name

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

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
040	N1	Name	M	1		Must use

N1 Name

Pos: 040	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 2

User Option (Usage): Must use

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

Element Summary:

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

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

CodeList Summary (Total Codes: 1312, Included: 1)

<u>Code</u>	<u>Name</u>
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WH	Warehouse
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General Mills Note:

Used to identify party receiving the 947 transaction.

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

General Mills Note: *Mandatory Segment*

4-digit plant code for the partner receiving this transaction

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.

G62 Date/Time

Pos: 110	Max: 5
Heading - Optional	
Loop: N/A	Elements: 5

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	C	ID	2/2	Used

Description: Code specifying type of date

CodeList Summary (Total Codes: 137, Included: 1)

Code Name

BB Transaction Control Date

Description: *The date when a transaction was prepared*

General Mills Note:

This qualifier indicates when the transaction was created by General Mills -- for sequencing. Will also include time details in the G6204.

G6202	373	Date	C	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

G6203	176	Time Qualifier	C	ID	1/2	Used
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Description: Code specifying the reported time

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

Code Name

W Effective Time

G6204	337	Time	C	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)

G6205	623	Time Code	O	ID	2/2	Used
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Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

CodeList Summary (Total Codes: 51, Included: 1)

Code Name

CT Central Time

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.

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
020	W19	Warehouse Adjustment Item Detail	M	1		Must use
040	N9	Reference Identification	O	10		Used
080	G62	Date/Time	O	10		Used

W19 Warehouse Adjustment Item Detail

Pos: 020	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 7

User Option (Usage): Must use

Purpose: To designate those items that were adjusted

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

CodeList Summary (Total Codes: 48, Included: 2)

Code Name

05 Put Product on Hold

General Mills Note:

Used for Reach and Hold (R&H). Indicates that we want you to put the following on hold in your system.

AP Product Evaluation and Testing

General Mills Note:

Used for Green Light (GL). Indicates this material / lot code will be going on or off Quality Restricted status.

W1902	477	Credit/Debit Quantity	M	R3	1/10	Must use
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Description: Number of supplier units credited or debited

General Mills Note: This element can be ignored -- it is mandatory for the 947 transaction. Will always be 0.

W1903	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: This element can be ignored -- it is mandatory for the 947 transaction. Will always be CA.

CodeList Summary (Total Codes: 794, Included: 1)

Code Name

CA Case

W1905	235	Product/Service ID Qualifier	C	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

VN Vendor's (Seller's) Item Number

W1906	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service

General Mills Note: Contains General Mills material code (10 digits)

W1907	235	Product/Service ID Qualifier	C	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

PL Pallet Qualifier

W1908	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service

General Mills Note: *Used only for the R&H process.*

If General Mills sends a select list of pallet ID's to put on hold, they will be included here.

If no pallet ID's are included, assume the entire material / batch combination should be put on HiFi Hold.

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.

N9 Reference Identification

Pos: 040	Max: 10
Detail - Optional	
Loop: 0300	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: 1503, Included: 2)

Code Name

LT Lot Number

General Mills Note:

LT indicates lot code for this material.

ACC Status

General Mills Note:

This qualifier is associated with the key indicator for this 947 transaction.

N902	127	Reference Identification	C	AN	1/30	Used
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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: When N901 is ACC,

Green Light: QR indicates if this material / lot code is ON Quality Restricted Status.

Green Light: XX indicates this material / lot code is NOT on Quality Restricted Status.

Reach and Hold: HF indicates we want you to put this on HiFi Hold.

Syntax Rules:

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

G62 Date/Time

Pos: 080	Max: 10
Detail - Optional	
Loop: 0300	Elements: 2

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	C	ID	2/2	Used

Description: Code specifying type of date

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

Code Name

36 Expiration Date

General Mills Note:

This qualifier helps determine when data records sent by the 947 can be discarded from your tracking table. See business process write-up in the FAQ document. It is also the expiration date for the lot.

BY Expected Reply

Description: The date when response may be expected

General Mills Note:

This qualifier represents the Expected Customer Availability Date. It shows the date when the material / lot code is expected to be OFF Quality Restricted status -- this is only for planning purposes.

It will be sent on all 947 transactions. If status = quality restricted, the availability date will be in the future. If the status is NOT quality restricted, the date will be represented as the current date.

G6202	373	Date	C	DT	8/8	Used
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Description: 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:

This segment ONLY applies to Green Light.

SE Transaction Set Trailer

Pos: 210	Max: 1
Detail - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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						

GE Functional Group Trailer

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

User Option (Usage): Must use
Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
General Mills Note: The count of ST segments within the group.						
GE02	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						
General Mills Note: This must be the same number as is in the GS segment (GS06) for the group.						

IEA Interchange Control Trailer

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

User Option (Usage): Must use
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<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						
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
Description: A control number assigned by the interchange sender						
General Mills Note: This must be the same number as is in the ISA segment (ISA13) for the interchange.						