General Mills

Making Food People Love

810 Invoice

X12/V4010/810: 810 Invoice

Company:	**General Mills, Inc.**
Modified:	**10/28/2025**
Notes:	

Table of Contents

810 Invoice 1
- **ISA Interchange Control Header** 3
- **GS Functional Group Header** 5
- **ST Transaction Set Header** 6
- **BIG Beginning Segment for Invoice** 7
- **NTE Note/Special Instruction** 8
- **CUR Currency** 9
- **N1 Loop Name** 10
- **N1 Name** 11
- **N3 Address Information** 12
- **N4 Geographic Location** 13
- **IT1 Loop Baseline Item Data (Invoice)** 14
- **IT1 Baseline Item Data (Invoice)** 15
- **PID Loop Product/Item Description** 17
- **PID Product/Item Description** 18
- **REF Reference Identification** 19
- **DTM Date/Time Reference** 20
- **SAC Loop Service, Promotion, Allowance, or Charge Information** 21
- **SAC Service, Promotion, Allowance, or Charge Information** 22
- **N1 Loop Name** 24
- **N1 Name** 25
- **N2 Additional Name Information** 26
- **N3 Address Information** 27
- **N4 Geographic Location** 28
- **TDS Total Monetary Value Summary** 29
- **TXI Tax Information** 30
- **SAC Loop Service, Promotion, Allowance, or Charge Information** 31
- **SAC Service, Promotion, Allowance, or Charge Information** 32
- **CTT Transaction Totals** 34
- **SE Transaction Set Trailer** 35
- **GE Functional Group Trailer** 36
- **IEA Interchange Control Trailer** 37

810 Invoice

Functional Group=IN

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Not Defined:

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
30	NTE	Note/Special Instruction	O	100			Used
040	CUR	Currency	O	1			Must use
LOOP ID - N1					**200**		
070	N1	Name	O	1			Must use
090	N3	Address Information	O	2			Must use
100	N4	Geographic Location	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - IT1					**200000**		
010	IT1	Baseline Item Data (Invoice)	O	1			Must use
LOOP ID - PID					**1000**		
060	PID	Product/Item Description	O	1			Must use
120	REF	Reference Identification	O	>1			Used
150	DTM	Date/Time Reference	O	10			Used
LOOP ID - SAC					**25**		
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - N1					**200**		
240	N1	Name	O	1			Must use
250	N2	Additional Name Information	O	2			Used
260	N3	Address Information	O	2			Used
270	N4	Geographic Location	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	TDS	Total Monetary Value Summary	M	1			Must use
020	TXI	Tax Information	O	10			Used
LOOP ID - SAC					**25**		
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
070	CTT	Transaction Totals	O	1		N3/070	Must use
080	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code to identify the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
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 **All valid standard codes are used. (Total Codes: 2)**				
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 **All valid standard codes are used. (Total Codes: 38)**				
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				
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 **All valid standard codes are used. (Total Codes: 38)**				
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
		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 **Code List Summary** (Total Codes: 13, Included: 1)				

Code	Name
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

Code List Summary (Total Codes: 3, Included: 2)

Code	Name
P	Production Data
T	Test 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

General Mills Note:

General Mills Production ID's are:
ISA Qualifier: 08
ISA: 9251190000

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets **Code List Summary** (Total Codes: 225, Included: 1) **Code** **Name** IN Invoice Information (810,819)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
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 **Code List Summary** (Total Codes: 2, Included: 1) **Code** **Name** X Accredited Standards Committee X12				
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 **Code List Summary** (Total Codes: 33, Included: 1) **Code** **Name** 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

General Mills Note:

General Mills production ID is:
6125404455

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **Code List Summary** (Total Codes: 298, Included: 1) **Code** **Name** 810 Invoice				
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				

BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG01	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD **General Mills Note:** *Date of partner's invoicing process*				
BIG02	76	**Invoice Number**	M	AN	1/22	Must use
		Description: Identifying number assigned by issuer **General Mills Note:** *Our application can only accept a maximum of 16 characters.*				
BIG04	324	**Purchase Order Number**	O	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser **General Mills Note:** *The data for the BIG04 element can be obtained from the 850/860 transaction sent by General Mills in the BEG03/BCH03 element.* *Send the Purchase Order number only (do not include any reference to the line item number).*				
BIG07	640	**Transaction Type Code**	O	ID	2/2	Used
		Description: Code specifying the type of transaction **General Mills Note:** *Send CR for credit memo. Do not return a negative value, use positive values only.* *Leave blank for invoice.*				

Code List Summary (Total Codes: 446, Included: 1)

Code	Name
CR	Credit Memo

NTE Note/Special Instruction

Pos: 30	Max: 100
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**	O	ID	3/3	Used
		Description: Code identifying the functional area or purpose for which the note applies				
		Code List Summary (Total Codes: 241, Included: 2)				
		Code **Name** ADD Additional Information INV Invoice Instruction				
NTE02	352	**Description**	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				
		General Mills Note: *Use this free form text field to provide the GMI AP Group additional details related to the reason a Credit Memo is being sent. @ QN Number, Price Adjustment, Returns etc.* *Also use this free form text field for any additional information, related to the invoice, you wish GMI to be aware of.* *Please note that GMI is only able to accept 70 characters versus 80 indicated are industry standard. Anything over 70 will not be viewed by GMI.*				

CUR Currency

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code List Summary (Total Codes: 1312, Included: 1)				
		Code **Name**				
		BY Buying Party (Purchaser)				
CUR02	100	**Currency Code**	M	ID	3/3	Must use
		Description: Code (Standard ISO) for country in whose currency the charges are specified				
		General Mills Note:				
		"USD" = US Dollars				
		"CAD" = Canadian Dollars				

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Loop Name

Pos: 070	Repeat: 200
Optional	
Loop: N1	Elements: N/A

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
070	N1	Name	O	1		Must use
090	N3	Address Information	O	2		Must use
100	N4	Geographic Location	O	1		Must use

N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual **General Mills Note:** *RI is required for General Mills.* **Code List Summary** (Total Codes: 1312, Included: 1) **Code** **Name** RI Remit To				
N102	93	**Name**	O	AN	1/60	Must use
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67) **Code List Summary** (Total Codes: 215, Included: 1) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code **General Mills Note:** *Match the N104 from the 850/860 transaction that was sent by General Mills in the N1*SE segment.*				

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.

N3 Address Information

Pos: 090	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Loop Baseline Item Data (Invoice)

Pos: 010	Repeat: 200000
Optional	
Loop: IT1	Elements: N/A

User Option (Usage): Must use

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	IT1	Baseline Item Data (Invoice)	O	1		Must use
60		Loop PID	O		1000	Used
120	REF	Reference Identification	O	>1		Used
150	DTM	Date/Time Reference	O	10		Used
180		Loop SAC	O		25	Used
240		Loop N1	O		200	Used

General Mills Note:

One of the 5 pairs (IT106 thru IT115) is mandatory for GMI with a Qualifier of PI and the 10 digit GMI Material Number.

IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 13

User Option (Usage): Must use

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set **General Mills Note:** *Data for this element can be obtained from the 850/860 transaction sent by GMI in the PO101/POC01 element. Be sure the line item you send GMI **matches** the PO101/POC01. This element has always been required, but as of 3/10/14 it will be enforced.* ****Pay special attention to the line item numbers when receiving the 860 transaction. If a item is removed or added do not shift the line item number. Always return the same line item number per each GMI material code as originally sent.*				
IT102	358	**Quantity Invoiced**	X	R	1/10	Must use
		Description: Number of units invoiced (supplier units) **General Mills Note:** *GMI max = 999999999.9*				
IT103	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **General Mills Note:** *Quantity invoiced must be the same unit of measure as sent by General Mills on the 850/860 transaction in the PO103/POC05-01 segment.*				
IT104	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc. **General Mills Note:** *Match and send code from EDI 850/860 transaction in the PO104/POC06 element.* *Do not return a negative value, use positive values only.*				
IT105	639	**Basis of Unit Price Code**	O	ID	2/2	Used
		Description: Code identifying the type of unit price for an item **General Mills Note:** *Match and send code from EDI 850/860 transaction in the PO105/POC07 element. General Mills typically uses:* *PP Price per pound can be used. Works like PE as long as the UOM = LB.*				
		Code List Summary (Total Codes: 93, Included: 5) **Code** **Name** HP Price per Hundred PE Price per Each PN Price per Ten TM Contract Price per Thousand TP Price per Thousand				
IT106	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code List Summary** (Total Codes: 477, Included: 1) **Code** **Name** BP Buyer's Part Number				

IT107	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		General Mills Note: *Match and send code from EDI 850/860 transaction in the PO107/POC09 element.* *The 10 digit GMI Material number **MUST** match! For trial orders the value = NoMaterial*				
IT108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 478, Included: 1) **Code** **Name** MG Manufacturer's Part Number				
IT109	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 477, Included: 1) **Code** **Name** MF Manufacturer				
IT111	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT112	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 477, Included: 1) **Code** **Name** VN Vendor's (Seller's) Item Number				
IT113	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Loop Product/Item Description

Pos: 60	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
060	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code List Summary** (Total Codes: 3, Included: 1) **Code** **Name** F Free-form	M	ID	1/1	Must use
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Must use

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

General Mills Note:

Send back data from the PID segment from the 850/860 transaction.
GMI Accounts Payable will reject the invoice if no material description is returned.

REF Reference Identification

Pos: 120	Max: >1
Detail - Optional	
Loop: IT1	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code List Summary (Total Codes: 1504, Included: 2)				
		Code **Name** BM Bill of Lading Number CT Contract Number				
REF02	127	**Reference Identification**	X	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

General Mills Note:

Please send:
1. Bill of Lading and
*2. Contract Number only if it exists on the PO we sent to you (REF*CT segment in the GMI order).*

DTM Date/Time Reference

Pos: 150	Max: 10
Detail - Optional	
Loop: IT1	Elements: 2

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		Code List Summary (Total Codes: 1112, Included: 1)				
		Code **Name** 011 Shipped				
DTM02	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
		General Mills Note: *This must be the ship date. The invoice date cannot be before the ship date or invoice will be rejected.*				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 180 **Repeat: 25**
Optional
Loop: SAC **Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Optional	
Loop: SAC	Elements: 3

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **Code List Summary** (Total Codes: 7, Included: 2) **Code** **Name** A Allowance C Charge	M	ID	1/1	Not used
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **Code List Summary** (Total Codes: 1053, Included: 15) **Code** **Name** A172 Administrative A730 Brokerage or Duty D240 Freight D270 Fuel Surcharge D870 Inspection F180 Pallet F750 Processing Charge F920 Quantity Surcharge G740 Service Charge H151 Special Services H300 Stamping H370 Stenciling Charge H430 Storage H440 Straightening Charge R060 Packing, Crating, and Handling Charge	X	ID	4/4	Not used
SAC05	610	**Amount** **Description:** Monetary amount **General Mills Note:** *SAC05 is the total amount for the service, promotion, allowance or charge.* *Do not return a negative value, use positive values only.*	O	N2	1/15	Not used

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

General Mills Note:

Charges send in the detail SAC segments of the Purchase Order and PO Change are called "condition records". It is the way General Mills is letting the vendor know of negotiated surcharges associated with the purchase order or a particular line. If possible send back these actual charges at the detail level of the invoice.

Loop Name

Pos: 240	Repeat: 200
Optional	
Loop: N1	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
240	N1	Name	O	1		Must use
250	N2	Additional Name Information	O	2		Used
260	N3	Address Information	O	2		Used
270	N4	Geographic Location	O	1		Used

N1 Name

Pos: 240	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual **General Mills Note:** *ST is required for General Mills.* **Code List Summary** (Total Codes: 1312, Included: 1) **Code** **Name** ST Ship To				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67) **Code List Summary** (Total Codes: 215, Included: 1) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code **General Mills Note:** *Match and send code from N104 on EDI 850/860 transaction where N101 = 'ST'.*				

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.

N2 Additional Name Information

Pos: 250	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				

N3 Address Information

Pos: 260	Max: 2
Detail - Optional	
Loop: N1	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				

N4 Geographic Location

Pos: 270	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

TDS Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use
Purpose: To specify the total invoice discounts and amounts

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount **General Mills Note:** *Do not return a negative value, use positive values only.* *GMI Max = 9999999999 - two decimal points are assumed.*				

TXI Tax Information

Pos: 020	Max: 10
Summary - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used
Purpose: To specify tax information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TXI01	963	**Tax Type Code**	M	ID	2/2	Must use
		Description: Code specifying the type of tax **General Mills Note:** *Use tax code SP for HST tax.* *Use tax code PG for QST/PST tax.*				
		Code List Summary (Total Codes: 74, Included: 9) **Code** **Name** CA City Tax **Description:** *Service Tax imposed by City* CG Federal Value-added Tax (GST) on Goods CT County Tax LS State and Local Sales Tax PG State or Provincial Tax on Goods SP State/Provincial Tax **Description:** *State tax levied which excludes sales or excise taxes* ST State Sales Tax TX All Taxes **Description:** *Total of all applicable taxes* VA Value Added Tax				
TXI02	782	**Monetary Amount**	X	R	1/18	Must use
		Description: Monetary amount **General Mills Note:** *Decimal point should be used. Do not return a negative value, use positive values only.*				
TXI03	954	**Percent**	O	R	1/10	Used
		Description: Percentage expressed as a decimal				

Syntax Rules:

1. R020306 - At least one of TXI02, TXI03 or TXI06 is required.
2. P0405 - If either TXI04 or TXI05 is present, then the other is required.
3. C0803 - If TXI08 is present, then TXI03 is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 040 **Repeat: 25**
Optional
Loop: SAC **Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 3

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		Code List Summary (Total Codes: 7, Included: 2)				
		Code **Name** A Allowance C Charge				
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID	4/4	Used
		Description: Code identifying the service, promotion, allowance, or charge				
		General Mills Note: *All standard codes are used. General Mills is currently tracking the following:*				
		Code List Summary (Total Codes: 1053, Included: 25)				
		Code **Name** A172 Administrative A470 Art Work A730 Brokerage or Duty C080 Demurrage C190 Detention of Trailers C860 Expedited Shipments D240 Freight D270 Fuel Surcharge D870 Inspection F180 Pallet F750 Processing Charge F910 Quantity Discount F920 Quantity Surcharge G530 Rework G740 Service Charge H070 Special Finish Charge H151 Special Services H300 Stamping H370 Stenciling Charge H400 Stopcharge H430 Storage H440 Straightening Charge I120 Tools for Printing OTHR Other Miscellaneous Earning or Additive R060 Packing, Crating, and Handling Charge				
SAC05	610	**Amount**	O	N2	1/15	Used
		Description: Monetary amount				
		General Mills Note: *SAC05 is the total amount for the service, promotion, allowance or charge.* *Do not return a negative value, use positive values only.*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

General Mills Note:

Send back allowances or charges associated with the invoice in this segment. If there are charges NOT sent on the Purchase Order as condition records (see SAC segment at detail level), send those charges here. Additional EDI codes are included in this list that General Mills will track.

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use
Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

SE Transaction Set Trailer

Pos: 080	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				

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange **General Mills Note:** *IEA01 contains the count of GS segments within the transmission.*				
IEA02	I12	**Interchange Control Number**	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.*				