General Mills

Making Food People Love

850 Purchase Order

X12/V4010/850: 850 Purchase Order

Company:	**General Mills**
Modified:	**10/28/2025**
Notes:	

Table of Contents

850 Purchase Order **1**

- **ISA Interchange Control Header** **3**
- **GS Functional Group Header** **5**
- **ST Transaction Set Header** **6**
- **BEG Beginning Segment for Purchase Order** **7**
- **CUR Currency** **8**
- **REF Reference Identification** **9**
- **PER Administrative Communications Contact** **10**
- **FOB F.O.B. Related Instructions** **11**
- **ITD Terms of Sale/Deferred Terms of Sale** **12**
- **N9 Loop Reference Identification** **13**
- **N9 Reference Identification** **14**
- **MSG Message Text** **15**
- **N1 Loop Name** **16**
- **N1 Name** **17**
- **N2 Additional Name Information** **18**
- **N3 Address Information** **19**
- **N4 Geographic Location** **20**
- **PO1 Loop Baseline Item Data** **21**
- **PO1 Baseline Item Data** **22**
- **PID Loop Product/Item Description** **24**
- **PID Product/Item Description** **25**
- **REF Reference Identification** **26**
- **SAC Loop Service, Promotion, Allowance, or Charge Information** **27**
- **SAC Service, Promotion, Allowance, or Charge Information** **28**
- **DTM Date/Time Reference** **30**
- **TD5 Carrier Details (Routing Sequence/Transit Time)** **31**
- **PKG Loop Marking, Packaging, Loading** **32**
- **PKG Marking, Packaging, Loading** **33**
- **N9 Loop Reference Identification** **34**
- **N9 Reference Identification** **35**
- **MSG Message Text** **36**
- **N1 Loop Name** **37**
- **N1 Name** **38**
- **N2 Additional Name Information** **39**
- **N3 Address Information** **40**
- **N4 Geographic Location** **41**
- **CTT Loop Transaction Totals** **42**
- **CTT Transaction Totals** **43**
- **SE Transaction Set Trailer** **44**
- **GE Functional Group Trailer** **45**
- **IEA Interchange Control Trailer** **46**

850 Purchase Order

Functional Group=PO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) 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 placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

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	BEG	Beginning Segment for Purchase Order	M	1			Must use
040	CUR	Currency	O	1			Must use
050	REF	Reference Identification	O	>1			Used
060	PER	Administrative Communications Contact	O	3			Must use
080	FOB	F.O.B. Related Instructions	O	>1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Must use
LOOP ID - N9					**1000**		
295	N9	Reference Identification	O	1			Must use
300	MSG	Message Text	O	1000			Must use
LOOP ID - N1					**200**		
310	N1	Name	O	1			Must use
320	N2	Additional Name Information	O	2			Used
330	N3	Address Information	O	2			Used
340	N4	Geographic Location	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/010L**	
010	PO1	Baseline Item Data	M	1		N2/010	Must use
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	O	1			Must use
100	REF	Reference Identification	O	>1			Must use
LOOP ID - SAC					**25**		
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
210	DTM	Date/Time Reference	O	10			Must use
250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
LOOP ID - PKG					**200**		
305	PKG	Marking, Packaging, Loading	O	1			Must use
LOOP ID - N9					**1000**		
330	N9	Reference Identification	O	1			Must use
340	MSG	Message Text	O	1000			Must use
LOOP ID - N1					**200**		
350	N1	Name	O	1			Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
360	N2	Additional Name Information	O	2			Used
370	N3	Address Information	O	2			Used
380	N4	Geographic Location	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/010L**	
010	CTT	Transaction Totals	O	1		N3/010	Must use
030	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:

2/010L	PO102 is required.
2/010	PO102 is required.
3/010L	The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
3/010	The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 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 **Code List 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 **Code List 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 **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)**				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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** **Description:** Code identifying a group of application related transaction sets **Code List Summary** (Total Codes: 225, Included: 1) **Code** **Name** PO Purchase Order (850)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use
GS05	337	**Time** **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)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **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	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **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: 32, Included: 1) **Code** **Name** 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	AN	1/12	Must use

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

BEG Beginning Segment for Purchase Order

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

User Option (Usage): Must use
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code List Summary** (Total Codes: 65, Included: 1) **Code** **Name** 00 Original	M	ID	2/2	Must use
BEG02	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code List Summary** (Total Codes: 69, Included: 2) **Code** **Name** BK Blanket Order (Quantity Firm) SA Stand-alone Order	M	ID	2/2	Must use
BEG03	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **General Mills Note:** *General Mills format for PO Number = 8 digits.*	M	AN	1/22	Must use
BEG05	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use

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.

REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	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: 1503, Included: 1) **Code** **Name** FR Freight Required				
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 **General Mills Note:** *This description will read **FREIGHT REQUIRED** when the Suppling Partner is participating in the General Mills Inbound Freight Program.*				

Syntax Rules:

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

General Mills Note:

This segment will only be sent when the Suppling Partner is participating in the General Mills Inbound Freight Program.
If this segment is sent and the incoterms are ZDD, then freight charges (SAC code D240) are expected on the EDI 810 invoice.

PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Must use
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		Code List Summary (Total Codes: 230, Included: 2) **Code** **Name** BD Buyer Name or Department OC Order Contact				
PER02	93	**Name**	O	AN	1/60	Must use
		Description: Free-form name				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type of communication number				
		Code List Summary (Total Codes: 40, Included: 1) **Code** **Name** TE Telephone				
PER04	364	**Communication Number**	X	AN	1/80	Must use
		Description: Complete communications number including country or area code when applicable				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

FOB F.O.B. Related Instructions

Pos: 080	Max: >1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used
Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use
		Description: Code identifying payment terms for transportation charges **Code List Summary** (Total Codes: 28, Included: 5) **Code** **Name** BP Paid by Buyer **Description:** *The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)* CC Collect MX Mixed PC Prepaid but Charged to Customer PP Prepaid (by Seller)				
FOB02	309	**Location Qualifier**	X	ID	1/2	Must use
		Description: Code identifying type of location **Code List Summary** (Total Codes: 172, Included: 3) **Code** **Name** DE Destination (Shipping) OA Origin (After Loading on Equipment) OR Origin (Shipping Point)				
FOB03	352	**Description**	O	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content **General Mills Note:** *GMI length = 40*				
FOB06	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location **Code List Summary** (Total Codes: 172, Included: 1) **Code** **Name** ZZ Mutually Defined				
FOB07	352	**Description**	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content **General Mills Note:** *GMI length = 28 characters for destination.*				

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 4**

User Option (Usage): Must use
Purpose: To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD02	333	**Terms Basis Date Code**	O	ID	1/2	Must use
		Description: Code identifying the beginning of the terms period				
		Code List Summary (Total Codes: 17, Included: 1) **Code** **Name** 3 Invoice Date				
ITD03	338	**Terms Discount Percent**	O	R	1/6	Used
		Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date				
ITD05	351	**Terms Discount Days Due**	X	N0	1/3	Used
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned				
ITD07	386	**Terms Net Days**	O	N0	1/3	Used
		Description: Number of days until total invoice amount is due (discount not applicable)				

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

General Mills Note:

Two ITD segments may be sent. The first segment identiies the discount for paying early (ITD02, ITD03, and ITD05). The second segment identifies the net days without the discount (ITD02 and ITD07).

Loop Reference Identification

Pos: 295	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
295	N9	Reference Identification	O	1		Must use
300	MSG	Message Text	O	1000		Must use

N9 Reference Identification

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elements: 3

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification **Code List Summary** (Total Codes: 1503, Included: 2) **Code** **Name** 55 Sequence Number ME Message Address or ID				
N902	127	**Reference Identification**	X	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N903	369	**Free-form Description**	X	AN	1/45	Must use
		Description: Free-form descriptive text				

Syntax Rules:

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

General Mills Note:

The first N9/MSG loop has standard messages related to terms and conditions as well as environmental standards. If a second N9 loop exists, it will contain other messages related to the order. The N9/ME loop will contain messages related to shipping instructions.

MSG Message Text

Pos: 300	Max: 1000
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Must use
Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-Form Message Text**	M	AN	1/264	Must use
		Description: Free-form message text **General Mills Note:** *General Mills maximum = 72.*				

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Loop Name

Pos: 310	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
310	N1	Name	O	1		Must use
320	N2	Additional Name Information	O	2		Used
330	N3	Address Information	O	2		Used
340	N4	Geographic Location	O	>1		Used

N1 Name

Pos: 310	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				
		Code List Summary (Total Codes: 1312, Included: 3) **Code** **Name** BY Buying Party (Purchaser) SE Selling Party SF Ship From				
N102	93	**Name**	X	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:** *Supplier: For the most updated Ship To address information create your master list based on EDI data sent in N1, N2, N3 and N4*				

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.

General Mills Note:

If N101= BY, General Mills will send '0001' in the N104 to identify U.S. or '0002' to identify Canada or '0004' for Gigante Verde or '1003' for Liberte.

If N101 = SE, General Mills will send our vendor number in the N104 associated with this Purchase Order.

If N101 = SF, General Mills will send our 10-digit number assigned for the partner's ShipFrom location.

N2 Additional Name Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

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** **Description:** Free-form name	M	AN	1/60	Must use

N3 Address Information

Pos: 330	Max: 2
Heading - 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: 340	Max: >1
Heading - 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	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	O	ID	2/3	Must use
		Description: Code identifying the country				

Syntax Rules:

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

Loop Baseline Item Data

Pos: 010 **Repeat: 100000**
Mandatory
Loop: PO1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	PO1	Baseline Item Data	M	1		Must use
050		Loop PID	O		1000	Must use
100	REF	Reference Identification	O	>1		Must use
130		Loop SAC	O		25	Used
210	DTM	Date/Time Reference	O	10		Must use
250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Used
305		Loop PKG	O		200	Used
330		Loop N9	O		1000	Used
350		Loop N1	O		200	Used

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 13

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set **General Mills Note:** *General Mills PO Line Item Number = 7 digits*				
PO102	330	**Quantity Ordered**	X	R	1/15	Must use
		Description: Quantity ordered **General Mills Note:** *General Mills maximum = 99999999.9*				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **General Mills Note:** *General Mills typically uses the following:*				

Code List Summary (Total Codes: 794, Included: 2)

Code	Name
EA	Each
LB	Pound

PO104	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
PO105	639	**Basis of Unit Price Code**	O	ID	2/2	Must use
		Description: Code identifying the type of unit price for an item **General Mills Note:** *This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 may be the same terms as the unit of measure in the PO103, unless otherwise specified in PO105. For example, unit of measure equals EA but priced per hundred.* *General Mills typically uses the following:*				

Code List Summary (Total Codes: 91, Included: 5)

Code	Name
HP	Price per Hundred
PE	Price per Each
PN	Price per Ten
TP	Price per Thousand
TT	Price Per 10,000

PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		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

PO107	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		General Mills Note: *General Mills Material Numbers = 10 digits. For Trial Orders the value = NoMaterial.*				
PO108	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** MG Manufacturer's Part Number				
PO109	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO110	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				
PO111	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO112	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				
PO113	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Loop Product/Item Description

Pos: 050	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

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

PID Product/Item Description

Pos: 050	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:

General Mills will send two PID segments where PID01 = 'F': one for material description and one for style description.

REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Must use
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: 1503, Included: 4)				
		Code **Name** C7 Contract Line Item Number CT Contract Number DG Drawing Number S3 Specification Number				
REF02	127	**Reference Identification**	X	AN	1/30	Must use
		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.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 130 **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
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130	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	Must use
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	Used
SAC05	610	**Amount** **Description:** Monetary amount **General Mills Note:** *The amount expressed has an implied 2-digit decimal. Example: $5.63 would be sent as 563 and $5.00 would be sent as 500.*	O	N2	1/15	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:

These charges 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.

DTM Date/Time Reference

Pos: 210	Max: 10
Detail - Optional	
Loop: PO1	Elements: 3

User Option (Usage): Must use
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: 2) **Code** **Name** 002 Delivery Requested 010 Requested Ship				
DTM02	373	**Date**	X	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
DTM03	337	**Time**	X	TM	4/8	Used
		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)				
		General Mills Note: *General Mills sends HHMM*				

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.

General Mills Note:

General Mills will send both DTM segments.
The Requested Ship date must be used by suppliers doing collect orders -- this is the date General Mills transportation will schedule shipment pickup.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 250	Max: 12
Detail - Optional	
Loop: PO1	Elements: 1

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD504	91	**Transportation Method/Type Code**	X	ID	1/2	Must use
		Description: Code specifying the method or type of transportation for the shipment				

Code List Summary (Total Codes: 71, Included: 2)

Code	Name
H	Customer Pickup
M	Motor (Common Carrier)

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Loop Marking, Packaging, Loading

Pos: 305	Repeat: 200
Optional	
Loop: PKG	Elements: N/A

User Option (Usage): Used

Purpose: To describe marking, packaging, loading, and unloading requirements

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
305	PKG	Marking, Packaging, Loading	O	1		Must use

PKG Marking, Packaging, Loading

Pos: 305	Max: 1
Detail - Optional	
Loop: PKG	Elements: 3

User Option (Usage): Must use
Purpose: To describe marking, packaging, loading, and unloading requirements

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PKG01	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	X	ID	1/1	Must use
PKG02	753	**Packaging Characteristic Code** **Description:** Code specifying the marking, packaging, loading and related characteristics being described **Code List Summary** (Total Codes: 44, Included: 1) **Code** **Name** 68 Skid/Pallet Type	O	ID	1/5	Must use
PKG05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **General Mills Note:** *General Mills will provide the pallet type in this element (CHEP, IGPS, SLIP SHEET, WHITE WOOD, PP= Packaging Pallet, etc.).*	X	AN	1/80	Must use

Syntax Rules:

1. R040506 - At least one of PKG04, PKG05 or PKG06 is required.
2. C0403 - If PKG04 is present, then PKG03 is required.
3. C0501 - If PKG05 is present, then PKG01 is required.

Loop Reference Identification

Pos: 330	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
330	N9	Reference Identification	O	1		Must use
340	MSG	Message Text	O	1000		Must use

N9 Reference Identification

Pos: 330	Max: 1
Detail - Optional	
Loop: N9	Elements: 2

User Option (Usage): Must use
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code List Summary (Total Codes: 1503, Included: 1) **Code** **Name** 55 Sequence Number				
N903	369	**Free-form Description**	X	AN	1/45	Must use
		Description: Free-form descriptive text				

Syntax Rules:

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

General Mills Note:

PO Detail Messages

MSG Message Text

Pos: 340	Max: 1000
Detail - Optional	
Loop: N9	Elements: 1

User Option (Usage): Must use
Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-Form Message Text** **Description:** Free-form message text	M	AN	1/264	Must use

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

General Mills Note:

General Mills maximum length = 72

Loop Name

Pos: 350	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
350	N1	Name	O	1		Must use
360	N2	Additional Name Information	O	2		Used
370	N3	Address Information	O	2		Used
380	N4	Geographic Location	O	1		Must use

N1 Name

Pos: 350	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				
		Code List Summary (Total Codes: 1312, Included: 3) **Code** **Name** MF Manufacturer of Goods SF Ship From ST Ship To				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		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	Must use
		Description: Code identifying a party or other code				

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.

General Mills Note:

If N101 = SF, General Mills will send the General Mills 10-digit number assigned for the partner's ShipFrom location.

If N101 = ST, General Mills will send General Mills ShipTo location number. IN and PA are dummy codes. Name and code can manually be updated on PO.

Supplier Note: For the most updated Ship To address information create your master list based on EDI data sent in the N1, N2, N3 and N4.

N2 Additional Name Information

Pos: 360	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	Must use
		Description: Free-form name				

N3 Address Information

Pos: 370	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: 380	Max: 1
Detail - 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	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	O	ID	2/3	Must use
		Description: Code identifying the country				

Syntax Rules:

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

Loop Transaction Totals

Pos: 010	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Must use

Purpose: To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	CTT	Transaction Totals	O	1		Must use

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	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** **Description:** Total number of line items in the transaction set	M	N0	1/6	Must use

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: 030	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				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

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				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				