Performance Foodservice 855 Purchase Order Acknowledgment

X12/V5010/855: 855 Purchase Order Acknowledgment

855 Purchase Order Acknowledgment

Functional Group=PR

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

General Usage:

All orders must be acknowledged with a Purchase Order Acknowledgement (855) transmitted **within 48 hours**(2 business days) of receipt.

Suppliers will be required to send a Purchase Order Acknowledgment for each PO.

Change History:

November 2023
- Added 'PB' as a valid FOB01

April 2024
- Added BAK08 as optional - send if applicable

May 2024
- Added A010, C110, D240, F050 and F170 as valid SAC02 codes at the header and item levels
- SAC15 updated to conditional - required when SAC02 = F050

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0500	REF	Reference Information	M	3			Must use
0600	PER	Administrative Communications Contact	O	1			Used
0800	FOB	F.O.B. Related Instructions	M	1			Must use
LOOP ID - SAC					**25**		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1500	DTM	Date/Time Reference	M	3			Must use
LOOP ID - N9					**1**		
2800	N9	Extended Reference Information	C	1			Used
2900	MTX	Text	C	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
0400	CTP	Pricing Information	O	1			Used
LOOP ID - PID					**2**		
0500	PID	Product/Item Description	M	1			Must use
0900	PO4	Item Physical Details	O	1			Used
LOOP ID - SAC					**25**		
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ACK					**104**		
2700	ACK	Line Item Acknowledgment	M	1			Must use
LOOP ID - N9					**1**		
3500	N9	Extended Reference Information	C	1			Used
3600	MTX	Text	C	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0100L   PO102 is required.

2/0100   PO102 is required.

3/0100L   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.

3/0100   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.

ST   Transaction Set Header

<div style="border:1px solid">

Pos: 0100   Max: 1

Heading - Mandatory

Loop: N/A   Elements: 2

</div>

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

CodeList Summary (Total Codes: 318, Included: 1)

Code	Name
855	Purchase Order Acknowledgment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

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

2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BAK   Beginning Segment for Purchase Order Acknowledgment

Pos: 0200   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 7

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 66, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK02	587	**Acknowledgment Type**	M	ID	2/2	Must use

Description: Code specifying the type of acknowledgment

CodeList Summary (Total Codes: 15, Included: 3)

Code	Name
AC	Acknowledge - With Detail and Change

> **User Note 1:**
> *Used when the PO is accepted, but there are changes to some or all items.*

Code	Name
AD	Acknowledge - With Detail, No Change

> **User Note 1:**
> *Used when all items are accepted. All ACK01 values must contain IA.*

Code	Name
RD	Reject with Detail

> **User Note 1:**
> *Used when all items are rejected. All ACK01 values must contain IR.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK03	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

User Note 1: *Min/Max = 14/20*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *Purchase Order Date*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK05	328	**Release Number**	O	AN	1/30	Used

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

User Note 1: *Revision number from the PO Change (860 field BCH05)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK08	127	**Reference Identification**	O	AN	1/50	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		User Note 1: *Shipment Release Number – For CPU PO's where applicable, value or reference provided by the vendor/supplier to PFG that shipping warehouse requires to appoint pickup or release product to PFG hired carrier for transportation.*				
BAK09	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		User Note 1: *PO Acknowledgement Date*				

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.
3. BAK09 is the date assigned by the sender to the acknowledgment.

REF Reference Information

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
>
> **CodeList Summary** (Total Codes: 1731, Included: 3)
>
> | Code | Name |
> |------|------|
> | 19 | Division Identifier |
>
> > **User Note 1:**
> >
> > *Optional - Recommended to send if provided on the Purchase Order*
> >
> > *PFS assigned division number*
>
> | | |
> |------|------|
> | CO | Customer Order Number |
>
> > **User Note 1:**
> >
> > *Required if present on the Purchase Order*
>
> | | |
> |------|------|
> | IA | Internal Vendor Number |
>
> > **User Note 1:**
> >
> > *Mandatory - PFS assigned Vendor ID*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/50	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.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER   Administrative Communications Contact

Pos: 0600   Max: 1
Heading - Optional
Loop: N/A   Elements: 6

User Option (Usage): Used

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

CodeList Summary (Total Codes: 238, Included: 1)

Code   Name
IC   Information Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER02	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 42, Included: 2)

Code   Name
EM   Electronic Mail
TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER04	364	**Communication Number**	X	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 42, Included: 2)

Code   Name
EM   Electronic Mail
TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER06	364	**Communication Number**	X	AN	1/256	Used

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: 0800   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 3

User Option (Usage): Must use

Purpose: To specify transportation instructions relating to shipment

User Note 1:

If either FOB02 or FOB03 are present, both are required.

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

CodeList Summary (Total Codes: 31, Included: 3)

Code	Name
CC	Collect
PB	Customer Pickup/Backhaul
PP	Prepaid (by Seller)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB02	309	**Location Qualifier**	X	ID	1/2	Used

Description: Code identifying type of location

CodeList Summary (Total Codes: 184, Included: 2)

Code	Name
DE	Destination (Shipping)
OR	Origin (Shipping Point)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB03	352	**Description**	O	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

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.
5. P0203 - If either FOB02 or FOB03 is present, then the other is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1200	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

User Note 1:

If Header level SAC charges and/or allowances are sent on the Purchase Order (EDI 850), please return on the PO Acknowledgement (EDI 855) as confirmation.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200   Max: 1
Heading - Optional
Loop: SAC   Elements: 7

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

CodeList Summary (Total Codes: 7, Included: 2)

Code	Name
A	Allowance
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	M	ID	4/4	Must use

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1090, Included: 13)

Code	Name
A010	Absolute Minimum Charge
C110	Deposit
D170	Free Goods
D240	Freight
F050	Other (See related description)

> **User Note 1:**
> *When used, SAC15 is required*

Code	Name
F170	Pallet Exchange Charge
F670	Price and Marketing Allowance
F800	Promotional Allowance
F810	Promotional Discount
H000	Special Allowance
H970	Terms Allowance
I250	Transportation Charge (Minimum Rate)
I500	Vendor Freight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	M	N2	1/15	Must use

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC08	118	**Rate**	M	R	1/9	Must use

Description: Rate expressed in the standard monetary denomination for the currency specified

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC12	331	**Allowance or Charge Method of**	O	ID	2/2	Used

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		Handling Code				

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 1)

Code	**Name**
02	Off Invoice

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
SAC13	127	**Reference Identification**	X	AN	1/50	Used

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

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
SAC15	352	**Description**	C	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

User Note 1: *If SAC02 = F050, SAC15 is required*

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. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.
8. R0507 - At least one of SAC05 or SAC07 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

DTM   Date/Time Reference

Pos: 1500   Max: 3

Heading - Mandatory

Loop: N/A   Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

User Note 1:

Header level date is required. If line items differ, use ACK segment to outline date for that specific line item.

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

CodeList Summary (Total Codes: 1280, Included: 3)

Code	Name
067	Current Schedule Delivery

User Note 1:

Conditional - Current Scheduled Delivery or Requested Pickup is required

068	Current Schedule Ship

User Note 1:

Optional

118	Requested Pickup

User Note 1:

Conditional - Current Scheduled Delivery or Requested Pickup is required

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

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 Extended Reference Information

<table>
<tr><td>Pos: 2800</td><td>Repeat: 1</td></tr>
<tr><td colspan="2" align="center">Conditional</td></tr>
<tr><td>Loop: N9</td><td>Elements: N/A</td></tr>
</table>

User Option (Usage): Used

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

User Note 1:

If the Purchase Order (EDI 850) is being rejected in full (BAK02=RD) a note as to why is required.

If notes are sent, both N9 and MTX segments are required::
*N9*L1*GEN*
*MTX**Note Here*

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2800	N9	Extended Reference Information	C	1		Used
2900	MTX	Text	C	1		Used

N9 Extended Reference Information

Pos: 2800   Max: 1
Heading - Conditional
Loop: N9   Elements: 2

User Option (Usage): Used

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

CodeList Summary (Total Codes: 1731, Included: 1)

Code	Name
L1	Letters or Notes

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/50	Must use

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

User Note 1:

N902 will contain one of the following 3 characters codes to identify the type of note to follow in MTX02.
. GEN: General Note

Syntax Rules:

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

Semantics:

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

MTX **Text**

<div style="float: right; border: 1px solid black; padding: 4px;">
Pos: 2900   **Max: 1**
Heading - Conditional
Loop: N9   **Elements: 1**
</div>

User Option (Usage): Used
Purpose: To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX02	1551	**Textual Data**	M	AN	1/4096	Must use

Description: To transmit large volumes of message text

Syntax Rules:

1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0302 - If MTX03 is present, then MTX02 is required.
3. C0504 - If MTX05 is present, then MTX04 is required.

Semantics:

1. MTX05 is the number of lines to advance before printing.

Comments:

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Loop Baseline Item Data

Pos: 0100	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
0100	PO1	Baseline Item Data	M	1		Must use
0400	CTP	Pricing Information	O	1		Used
0500		Loop PID	M		2	Must use
0900	PO4	Item Physical Details	O	1		Used
1300		Loop SAC	O		25	Used
2700		Loop ACK	M		104	Must use
3500		Loop N9	C		1	Used

PO1 Baseline Item Data

Pos: 0100	**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**	M	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set

User Note 1: *Return as sent on the Purchase Order*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO102	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 844, Included: 5)

Code	Name
CA	Case
EA	Each
KG	Kilogram
LB	Pound
PK	Package

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO104	212	**Unit Price**	M	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

User Note 1: *If ACK01=IP, then the new net price for this item must be sent in PO104.*

The price sent in the 855 Purchase Order Acknowledgment MUST be based on the same base price unit of measure that was sent on the Purchase Order.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO105	639	**Basis of Unit Price Code**	O	ID	2/2	Used

Description: Code identifying the type of unit price for an item

User Note 1: *PO105 should be provided if available.*

CodeList Summary (Total Codes: 91, Included: 3)

Code	Name
PE	Price per Each
PP	Price per Pound
UM	Price per Unit of Measure

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO106	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 4)

Code **Name**

SK   Stock Keeping Unit (SKU)

> **User Note 1:**
> *PFS assigned SKU*

UA   U.P.C./EAN Case Code (2-5-5)
UK   GTIN 14-digit Data Structure
VN   Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO107	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

CodeList Summary (Total Codes: 519, Included: 4)

Code **Name**

SK   Stock Keeping Unit (SKU)

> **User Note 1:**
> *PFS assigned SKU*

UA   U.P.C./EAN Case Code (2-5-5)
UK   GTIN 14-digit Data Structure
VN   Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO109	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

CodeList Summary (Total Codes: 519, Included: 4)

Code **Name**

SK   Stock Keeping Unit (SKU)

> **User Note 1:**
> *PFS assigned SKU*

UA   U.P.C./EAN Case Code (2-5-5)
UK   GTIN 14-digit Data Structure
VN   Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO111	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO112	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		Product/Service ID (234)				

CodeList Summary (Total Codes: 519, Included: 4)

Code	**Name**
SK	Stock Keeping Unit (SKU)

> **User Note 1:**
> *PFS assigned SKU*

UA	U.P.C./EAN Case Code (2-5-5)
UK	GTIN 14-digit Data Structure
VN	Vendor's (Seller's) Item Number

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
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.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

CTP   Pricing Information

Pos: 0400   Max: 1
Detail - Optional
Loop: PO1   Elements: 1

User Option (Usage): Used

Purpose: To specify pricing information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP08	782	**Monetary Amount**	O	R	1/18	Used

Description: Monetary amount

User Note 1: *Extended Item Total (price*qty)*

Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Loop Product/Item Description

Pos: 0500	Repeat: 2
Mandatory	
Loop: PID	**Elements: N/A**

User Option (Usage): Must use

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

User Note 1:

One iteration of the PID for the Product Description (PID05, when PID01=F and PID02=08) is required.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	M	1		Must use

PID   Product/Item Description

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**	M	ID	1/1	Must use

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID02	750	**Product/Process Characteristic Code**	M	ID	2/3	Must use

Description: Code identifying the general class of a product or process characteristic

CodeList Summary (Total Codes: 238, Included: 1)

Code	Name
08	Product

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	M	AN	1/80	Must use

Description: A free-form description to clarify the related data elements and their content

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.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4 Item Physical Details

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	O	N0	1/6	Used

> **Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1300	**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

User Note 1:

If Detail level SAC charges and/or allowances are sent on the Purchase Order (EDI 850), please return on the PO Acknowledgement (EDI 855) as confirmation.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1300   **Max: 1**
Detail - Optional
Loop: SAC   **Elements: 7**

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

CodeList Summary (Total Codes: 7, Included: 2)

Code	Name
A	Allowance
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	M	ID	4/4	Must use

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1090, Included: 13)

Code	Name
A010	Absolute Minimum Charge
C110	Deposit
D170	Free Goods
D240	Freight
F050	Other (See related description)

> **User Note 1:**
> *When used, SAC15 is required*

Code	Name
F170	Pallet Exchange Charge
F670	Price and Marketing Allowance
F800	Promotional Allowance
F810	Promotional Discount
H000	Special Allowance
H970	Terms Allowance
I250	Transportation Charge (Minimum Rate)
I500	Vendor Freight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	M	N2	1/15	Must use

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC08	118	**Rate**	M	R	1/9	Must use

Description: Rate expressed in the standard monetary denomination for the currency specified

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC12	331	**Allowance or Charge Method of**	O	ID	2/2	Used

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		Handling Code				

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 1)

Code Name

02   Off Invoice

SAC13	127	**Reference Identification**	X	AN	1/50	Used

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

SAC15	352	**Description**	C	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

User Note 1: *If SAC02 = F050, SAC15 is required*

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. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.
8. R0507 - At least one of SAC05 or SAC07 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop Line Item Acknowledgment

Pos: 2700   Repeat: 104
Mandatory
Loop: ACK   Elements: N/A

User Option (Usage): Must use
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2700	ACK	Line Item Acknowledgment	M	1		Must use

ACK **Line Item Acknowledgment**

Pos: 2700	**Max: 1**
Detail - Mandatory	
Loop: ACK	**Elements: 5**

User Option (Usage): Must use

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	**Line Item Status Code**	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer

CodeList Summary (Total Codes: 26, Included: 6)

Code	Name
DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IB	Item Backordered
IP	Item Accepted - Price Changed
IQ	Item Accepted - Quantity Changed
IR	Item Rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK02	380	**Quantity**	C	R	1/15	Used

Description: Numeric value of quantity

User Note 1: *When ACK01= DR, IB or IQ then ACK02 and ACK03 are required.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK03	355	**Unit or Basis for Measurement Code**	C	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

User Note 1: *When ACK01= DR, IB or IQ then ACK02 and ACK03 are required.*

CodeList Summary (Total Codes: 844, Included: 5)

Code	Name
CA	Case
EA	Each
KG	Kilogram
LB	Pound
PK	Package

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK04	374	**Date/Time Qualifier**	C	ID	3/3	Used

Description: Code specifying type of date or time, or both date and time

User Note 1: *When ACK01= DR or IB, then ACK02 and ACK03 are required.*

CodeList Summary (Total Codes: 1280, Included: 2)

Code	Name
067	Current Schedule Delivery
118	Requested Pickup

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK05	373	**Date**	C	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		the calendar year				
		User Note 1: *When ACK01= DR or IB, then ACK02 and ACK03 are required.*				

Syntax Rules:

1. P0203 - If either ACK02 or ACK03 is present, then the other is required.
2. C0405 - If ACK04 is present, then ACK05 is required.
3. P0708 - If either ACK07 or ACK08 is present, then the other is required.
4. P0910 - If either ACK09 or ACK10 is present, then the other is required.
5. P1112 - If either ACK11 or ACK12 is present, then the other is required.
6. P1314 - If either ACK13 or ACK14 is present, then the other is required.
7. P1516 - If either ACK15 or ACK16 is present, then the other is required.
8. P1718 - If either ACK17 or ACK18 is present, then the other is required.
9. P1920 - If either ACK19 or ACK20 is present, then the other is required.
10. P2122 - If either ACK21 or ACK22 is present, then the other is required.
11. P2324 - If either ACK23 or ACK24 is present, then the other is required.
12. P2526 - If either ACK25 or ACK26 is present, then the other is required.
13. P2728 - If either ACK27 or ACK28 is present, then the other is required.
14. C282729 - If ACK28 is present, then ACK27 and ACK29 are required.
15. P0405 - If either ACK04 or ACK05 is present, then the other is required.

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Loop Extended Reference Information

Pos: 3500	**Repeat: 1**
Conditional	
Loop: N9	**Elements: N/A**

User Option (Usage): Used

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

User Note 1:

If Acknowledgment Type (BAK02 = AC) and the item is being rejected (ACK01 =IR) a note as to why is required.

If notes are sent, both N9 and MTX segments are required::
*N9*L1*GEN*
*MTX**Note Here*

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3500	N9	Extended Reference Information	C	1		Used
3600	MTX	Text	C	1		Used

N9 Extended Reference Information

User Option (Usage): Used

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

CodeList Summary (Total Codes: 1731, Included: 1)

Code	Name
L1	Letters or Notes

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	X	AN	1/50	Used

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

User Note 1:

N902 will contain one of the following 3 characters codes to identify the type of note to follow in MTX02.

. GEN: General Note

Syntax Rules:

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

Semantics:

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

MTX Text

<div style="text-align: right">

Pos: 3600   Max: 1
Detail - Conditional
Loop: N9   Elements: 1

</div>

User Option (Usage): Used
Purpose: To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX02	1551	**Textual Data**	M	AN	1/4096	Must use

> **Description:** To transmit large volumes of message text

Syntax Rules:

1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0302 - If MTX03 is present, then MTX02 is required.
3. C0504 - If MTX05 is present, then MTX04 is required.

Semantics:

1. MTX05 is the number of lines to advance before printing.

Comments:

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Loop Transaction Totals

Pos: 0100   Repeat: 1
Optional
Loop: CTT   Elements: N/A

User Option (Usage): Used

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
0100	CTT	Transaction Totals	O	1		Used

CTT **Transaction Totals**

Pos: 0100   Max: 1
Summary - Optional
Loop: CTT   Elements: 1

User Option (Usage): Used

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.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE **Transaction Set Trailer**

Pos: 0300   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

Comments:

1. SE is the last segment of each transaction set.