



855 FS Purchase Order Acknowledgment

Foodservice EDI

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855 FS Purchase Order Acknowledgment Foodservice

Functional Group=**PR**

Purpose: This Draft Standard for Trial Use 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.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
050	REF	Reference Identification	O	>1			Used
150	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					200		
300	N1	Name	O	1			Used
310	N2	Additional Name Information	O	2			Used
320	N3	Address Information	O	2			Used
330	N4	Geographic Location	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - PO1					100000	N2/010L	
010	PO1	Baseline Item Data	O	1		N2/010	Used
040	CTP	Pricing Information	O	>1			Used
LOOP ID - PID					1000		
050	PID	Product/Item Description	O	1			Used
090	PO4	Item Physical Details	O	>1			Used
LOOP ID - SAC					25		
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ACK					104		
270	ACK	Line Item Acknowledgment	O	1			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set 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.

ST Transaction Set Header

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

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code List Summary (Total Codes: 298, Included: 1)

Code Name

855 Purchase Order Acknowledgment

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

User Note 1: *The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.*

Semantics:

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

BAK Beginning Segment for Purchase Order Acknowledgment

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 Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

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

Description: Code identifying purpose of transaction set

Code List Summary (Total Codes: 65, Included: 5)

Code Name

00 Original

User Note 1:

ACKNOWLEDGMENT: This is the original acknowledgment.

01 Cancellation

User Note 1:

ACKNOWLEDGMENT: Cancels the the purchasing organization's purchase order.

05 Replace

User Note 1:

ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.

16 Proposed

User Note 1:

ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.

19 Seller initiated change

User Note 1:

ACKNOWLEDGMENT: Change the the purchasing organization's purchase order.

BAK02	587	Acknowledgment Type	M	ID	2/2	Must use
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Description: Code specifying the type of acknowledgment

Code List Summary (Total Codes: 15, Included: 6)

Code Name

AC Acknowledge - With Detail and Change

User Note 1:

Full purchase order detail must be transmitted

AD Acknowledge - With Detail, No Change

AE Acknowledge - With Exception Detail Only

User Note 1:

Only transmit details of change

AK Acknowledge - No Detail or Change

		<u>Code</u>	<u>Name</u>				
		AP	Acknowledge - Product Replenishment				
		RJ	Rejected - No Detail				
BAK03	324	Purchase Order Number		M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser					
BAK04	373	Date		M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD					

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 Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 5)

Code Name

DP Department Number
IA Internal Vendor Number

User Note 1:

Identification number assigned to the vendor, by the purchasing organization, for use within the purchasing organization's system

IT Internal Customer Number

User Note 1:

Identification number assigned to the retailer, by the selling organization, for use within the selling organization's system

IV Seller's Invoice Number
VN Vendor Order Number

REF02	127	Reference Identification	C	AN	1/30	Must use
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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.

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: 5)

Code Name

001 Cancel After

User Note 1:

If the order has not been shipped by this date, the order is considered canceled

002 Delivery Requested

010 Requested Ship

068 Current Schedule Ship

086 Scheduled for Shipment (Week of)

DTM02	373	Date	C	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

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 Name

Pos: 300	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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
300	N1	Name	O	1		Used
310	N2	Additional Name Information	O	2		Used
320	N3	Address Information	O	2		Used
330	N4	Geographic Location	O	1		Used

N1 Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Element Summary:

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

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

Code List Summary (Total Codes: 1312, Included: 8)

Code Name

- BO Broker or Sales Office
- BS Bill and Ship To
- BT Bill-to-Party
- BY Buying Party (Purchaser)
- SF Ship From
- ST Ship To
- SU Supplier/Manufacturer

User Note 1:

Supplier may or may not be the manufacturer

- VN Vendor

User Note 1:

Party supplying the products being maintained

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

N103	66	Identification Code Qualifier	C	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 215, Included: 2)

Code Name

- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
- UL UCC/EAN Location Code

Description: *Global Location Number (GLN) (Revised name)*

A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key SEE CODE SOURCE 583

N104	67	Identification Code	C	AN	2/80	Used
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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.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N2 Additional Name Information

Pos: 310	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

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

N3 Address Information

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

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: 330	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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	Used
		Description: Code identifying the country				
		User Note 1:				
		<i>CA Canada</i>				
		<i>MX Mexico</i>				
		<i>US United States</i>				

Syntax Rules:

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

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Baseline Item Data

Pos: 010	Repeat: 100000
Optional	
Loop: PO1 Elements: N/A	

User Option (Usage): Used

Purpose: To specify basic and most frequently used line item data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PO1	Baseline Item Data	O	1		Used
040	CTP	Pricing Information	O	>1		Used
050		Loop PID	O		1000	Used
090	PO4	Item Physical Details	O	>1		Used
130		Loop SAC	O		25	Used
270		Loop ACK	O		104	Used

PO1 Baseline Item Data

Pos: 010 Max: 1
 Detail - Optional
 Loop: PO1 Elements: 6

User Option (Usage): Used

Purpose: To specify basic and most frequently used line item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO102	330	Quantity Ordered	C	R	1/15	Must use

Description: Quantity ordered

PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Must use
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1: *See Section III for code list.*

Code List Summary (Total Codes: 794, Included: 12)

<u>Code</u>	<u>Name</u>
BG	Bag
BR	Barrel
CA	Case
DR	Drum
EA	Each
GA	Gallon
KG	Kilogram
LB	Pound
LT	Liter
PA	Pail
PL	Pallet/Unit Load
TE	Tote

PO104	212	Unit Price	C	R	1/17	Used
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Description: Price per unit of product, service, commodity, etc.

User Note 1: *The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as ``15.95'', and \$29.00 would be sent as ``29''.*

To indicate free goods, use a single zero (0) in PO104 and code NC in PO105.

PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
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Description: Code identifying the type of unit price for an item

User Note 1: *This data element is used to clarify or alter the basis of unit price. The unit*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.</i>				
		Code List Summary (Total Codes: 91, Included: 13)				
		<u>Code</u>		<u>Name</u>		
		LD		Catalog Price per Dozen		
		LE		Catalog Price per Each		
		NC		No Charge		
		PO		Price per Ounce		
		PP		Price per Pound		
		PR		Promotion		
		QT		Quoted		
		RD		Retail Price per Dozen		
		RE		Retail Price per Each		
		TD		Contract Price per Dozen		
		TE		Contract Price per Each		
		WD		Wholesale Price per Dozen		
		WE		Wholesale Price per Each		

PO106	235	Product/Service ID Qualifier	C	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 477, Included: 1)

Code **Name**

UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)

Description: *GTIN-14*

*A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items
SEE CODE SOURCE 41*

PO107	234	Product/Service ID	C	AN	1/48	Used
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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.

Comments:

1. PO101 is the line item identification.
2. 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: 040	Max: >1
Detail - Optional	
Loop: PO1	Elements: 6

User Option (Usage): Used

Purpose: To specify pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP01	687	Class of Trade Code	O	ID	2/2	Used

Description: Code indicating class of trade

Code List Summary (Total Codes: 52, Included: 5)

Code Name

- AG Agent
- BG Buying Group
- DE Dealer
- DI Distributor
- RS Resale

CTP02	236	Price Identifier Code	C	ID	3/3	Must use
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Description: Code identifying pricing specification

Code List Summary (Total Codes: 164, Included: 6)

Code Name

- ALT Alternate Price
- CAT Catalog Price
- MSR Manufacturer's Suggested Retail
- PRP Promotional price

User Note 1:

Promotion/Event

- RES Resale

User Note 1:

Retail price

- UCP Unit cost price

User Note 1:

Item list cost

CTP03	212	Unit Price	C	R	1/17	Must use
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Description: Price per unit of product, service, commodity, etc.

User Note 1: *The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".*

CTP04	380	Quantity	C	R	1/15	Used
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Description: Numeric value of quantity

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP05	C001	Composite Unit of Measure	C	Comp		Used
		Description: To identify a composite unit of measure(See Figures Appendix for examples of use)				
CTP05-01	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				
		Code List Summary (Total Codes: 794, Included: 26)				
		<u>Code</u> <u>Name</u>				
		BG Bag				
		BR Barrel				
		CA Case				
		CC Cubic Centimeter				
		CF Cubic Feet				
		CI Cubic Inches				
		CR Cubic Meter				
		DB Dry Pounds				
		DR Drum				
		EA Each				
		FT Foot				
		User Note 1:				
		<i>Feet</i>				
		FZ Fluid Ounce (Imperial)				
		Description: <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>				
		GA Gallon				
		GI Imperial Gallons				
		GR Gram				
		IN Inch				
		KG Kilogram				
		LB Pound				
		LT Liter				
		ML Milliliter				
		PA Pail				
		PL Pallet/Unit Load				
		PT Pint				
		PX Pint, Imperial				
		TE Tote				
		YD Yard				
CTP11	289	Multiple Price Quantity	O	N0	1/2	Used
		Description: Quantity of units for a given price, e.g., 3 for \$10.00				
		User Note 1: <i>This is the quantity contained</i>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>in a multipack for the retail selling price specified in CTP03, e.g., 3 for \$10.00, when the product will be sold as a multipack.</i>				

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.

Loop Product/Item Description

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

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	PID	Product/Item Description	O	1		Used

PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 7

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use

Description: Code indicating the format of a description

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

Code Name

F Free-form

User Note 1:

The description will be found in PID05.

S Structured (From Industry Code List)

User Note 1:

The description will be found in PID03 and PID04.

X Semi-structured (Code and Text)

User Note 1:

The description will be found in PID03 and PID04, and PID05.

PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
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Description: Code identifying the general class of a product or process characteristic

Code List Summary (Total Codes: 217, Included: 5)

Code Name

08 Product

73 Vendor color description

74 Vendor size description

75 Buyer's Color Description

91 Buyer's Item Size Description

PID03	559	Agency Qualifier Code	C	ID	2/2	Used
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Description: Code identifying the agency assigning the code values

Code List Summary (Total Codes: 176, Included: 1)

Code Name

VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

PID04	751	Product Description Code	C	AN	1/12	Used
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Description: A code from an industry code list which provides specific data about a product characteristic

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Used
PID06	752	Surface/Layer/Position Code Description: Code indicating the product surface, layer or position that is being described User Note 1: <i>This data element is used to describe the relative sequence of the item within the product, e.g., sequence of birthstones within a mother's birthstone ring. The ring is specified in the PO1 segment and the stones in the PID segment.</i>	O	ID	2/2	Used
Code List Summary (Total Codes: 101, Included: 12)						
<u>Code</u> <u>Name</u>						
R0 Relative Position 10						
R1 Relative Position 1						
R2 Relative Position 2						
R3 Relative Position 3						
R4 Relative Position 4						
R5 Relative Position 5						
R6 Relative Position 6						
R7 Relative Position 7						
R8 Relative Position 8						
R9 Relative Position 9						
RA Relative Position 11						
RB Relative Position 12						
PID09	819	Language Code Description: Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	ID	2/3	Used

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.

User Note 1:

The PID segment is used to provide product/item descriptions in text and or coded formats. The codes in PID04 are maintained by the VICS EDI SMC and are only printed in this guideline.

This segment may be used to transmit semi-custom product descriptions, such as made-to-order window coverings, jewelry, furniture, apparel, automotive parts, and other customer specific products. When used for this purpose, PID04 will contain the multi-part VICS EDI Semi-Custom Product Description Code. The complete code list is contained in Section III. In addition to the VICS EDI Semi-Custom Product Description Code, PID05 may be used for text descriptions, PID06 for relative placement, and additional MEA segment(s) for actual measurement values.

PO4 Item Physical Details

Pos: 090 Max: >1
Detail - Optional
Loop: PO1 Elements: 6

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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				
PO406	384	Gross Weight per Pack	C	R	1/9	Used
		Description: Numeric value of gross weight per pack				
PO407	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				
		Code List Summary (Total Codes: 794, Included: 2)				
		Code Name				
		KG Kilogram				
		LB Pound				
PO408	385	Gross Volume per Pack	C	R	1/9	Used
		Description: Numeric value of gross volume per pack				
PO409	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				
		Code List Summary (Total Codes: 794, Included: 10)				
		Code Name				
		CC Cubic Centimeter				
		CF Cubic Feet				
		CI Cubic Inches				
		CR Cubic Meter				
		GA Gallon				
		GI Imperial Gallons				
		LT Liter				
		ML Milliliter				
		PT Pint				
		PX Pint, Imperial				

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

User Note 1:

There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130	Max: 1
Detail - Optional	
Loop: SAC	Elements: 16

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

Code List Summary (Total Codes: 7, Included: 4)

Code Name

A Allowance
C Charge
N No Allowance or Charge
R Allowance Request

SAC02	1300	Service, Promotion, Allowance, or Charge Code	C	ID	4/4	Used
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Description: Code identifying the service, promotion, allowance, or charge

User Note 1: *See Foodservice Implementation Guidelines Appendix - Data Elements*

Code List Summary (Total Codes: 1053, Included: 5)

Code Name

D350 Goods and Services Credit Allowance
D360 Goods and Services Tax Charge

User Note 1:

Provincial Tobacco Tax.

H490 Subject To Tax On Resale
H770 Tax - State Tax
H806 Tax Credit

User Note 1:

Provincial Tax Credit.

SAC03	559	Agency Qualifier Code	C	ID	2/2	Used
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Description: Code identifying the agency assigning the code values

Code List Summary (Total Codes: 176, Included: 1)

Code Name

Code Name

VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

SAC04 1301 **Agency Service, Promotion, Allowance, or Charge Code** C AN 1/10 Used

Description: Agency maintained code identifying the service, promotion, allowance, or charge

SAC05 610 **Amount** O N2 1/15 Used

Description: Monetary amount

User Note 1: *When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.*

SAC06 378 **Allowance/Charge Percent Qualifier** C ID 1/1 Used

Description: Code indicating on what basis allowance or charge percent is calculated

Code List Summary (Total Codes: 11, Included: 7)

Code Name

- 1 Item List Cost
- 2 Item Net Cost
- 3 Discount/Gross

User Note 1:
All allowances are off the gross price including cash discount.

- 4 Discount/Net

User Note 1:
All allowances are off the gross price. Cash discounts are off the net.

- 5 Base Price per Unit

User Note 1:
Line item discount

- 6 Base Price Amount
- 7 Base Price Amount Less Previous Discount

User Note 1:
Declining balance method

SAC07 332 **Percent** C R 1/6 Used

Description: Percent expressed as a percent

User Note 1: *The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as ``10.5'', and 2% is sent as ``2''.*

SAC08 118 **Rate** O R 1/9 Used

Description: Rate expressed in the

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		standard monetary denomination for the currency specified				
SAC09	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				
		Code List Summary (Total Codes: 794, Included: 12)				
		Code Name				
		BG Bag				
		BR Barrel				
		CA Case				
		DR Drum				
		EA Each				
		GA Gallon				
		KG Kilogram				
		LB Pound				
		LT Liter				
		PA Pail				
		PL Pallet/Unit Load				
		TE Tote				
SAC10	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
		User Note 1: <i>When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.</i>				
		<i>SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.</i>				
SAC11	380	Quantity	O	R	1/15	Used
		Description: Numeric value of quantity				
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Used
		Description: Code indicating method of handling for an allowance or charge				
		Code List Summary (Total Codes: 22, Included: 6)				
		Code Name				
		01 Bill Back				
		User Note 1: <i>The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.</i>				
		02 Off Invoice				

Code Name

User Note 1:

The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.

03 Vendor Check to Customer

User Note 1:

The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.

04 Credit Customer Account

User Note 1:

The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.

05 Charge to be Paid by Vendor

User Note 1:

The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.

06 Charge to be Paid by Customer

User Note 1:

When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.

SAC13	127	Reference Identification	C	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
SAC14	770	Option Number	O	AN	1/20	Used
		Description: A unique number identifying available promotion or allowance options when more than one is offered				
SAC15	352	Description	C	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
SAC16	819	Language Code	O	ID	2/3	Used
		Description: Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)				

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.

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 to further the code in 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.

User Note 1:

There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

Loop Line Item Acknowledgment

Pos: 270	Repeat: 104
Optional	
Loop: ACK	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
270	ACK	Line Item Acknowledgment	O	1		Used

User Note 1:

This segment may be used to indicate that a line item has been accepted, deleted, or changed. Some product production cycles, such as furniture, are long and may have different ship dates than the original purchase order. This segment may be used to inform the originator of the current ship date or that no ship date has been scheduled.

ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
Loop: ACK	Elements: 5

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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

Code List Summary (Total Codes: 26, Included: 3)

Code Name

- IA Item Accepted
- IC Item Accepted - Changes Made
- ID Item Deleted

User Note 1:

Cancellation of a line item

ACK02	380	Quantity	C	R	1/15	Used
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Description: Numeric value of quantity

User Note 1: *Quantity which the change affects, i.e., the quantity that applies to the dates sent in ACK04 and ACK05*

ACK03	355	Unit or Basis for Measurement Code	C	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1: *See Section III for code list.*

Code List Summary (Total Codes: 794, Included: 12)

Code Name

- BG Bag
- BR Barrel
- CA Case
- DR Drum
- EA Each
- GA Gallon
- KG Kilogram
- LB Pound
- LT Liter
- PA Pail
- PL Pallet/Unit Load
- TE Tote

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ACK04	374	Date/Time Qualifier	O	ID	3/3	Used
Description: Code specifying type of date or time, or both date and time						
Code List Summary (Total Codes: 1112, Included: 2)						
Code Name						
068 Current Schedule Ship						
100 No Shipping Schedule Established as of						
ACK05	373	Date	C	DT	8/8	Used
Description: Date expressed as CCYYMMDD						

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.

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.

User Note 1:

This segment may be used to indicate that a line item has been accepted, deleted, or changed. Some product production cycles, such as furniture, are long and may have different ship dates than the original purchase order. This segment may be used to inform the originator of the current ship date or that no ship date has been scheduled.

Loop Transaction Totals

Pos: 010	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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

Pos: 010	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

User Note 1: *The number of PO1 segments present 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: 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	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				
		User Note 1: <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

Comments:

- SE is the last segment of each transaction set.