



## **Enhanced EDI Specification**

**Outbound Purchase Order – 850**

## 850 Purchase Order

**Functional Group: PO**

**Version: 004010 X12**

Raley's Family of Fine Stores utilizes the 850 Purchase Order Transaction Set to send Purchase Order information to our vendors and suppliers for all divisions within the company. The 850 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. All X12 standards, required and conditional segments and elements must be mapped. Raley's will continue to enhance our EDI program to ensure you have the very best documents that can be exchanged with us.

Trading Partners are selected based on a strategic profile. A final acceptance decision is made in consultation with other parts of the business. The Trading Partner is required to complete a Trading Partner Agreement prior to partnership consideration.

Note: Raley's will be using new identifiers as we enhance our EDI capabilities. We do, however, continue to recognize the Data Universal Numbering System (DUNS) number meaning the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities. Data Universal Numbering System + 4 (DUNS+4) number means the DUNS number assigned by D&B plus a 4-character suffix that is assigned by Raley's based on location for identifying alternative Electronic Funds Transfer (EFT) account information. D&B has no affiliation with this 4-character suffix.

Any questions concerning mapping requirements should be directed to the Trading Partner Management Group at [edi@raleys.com](mailto:edi@raleys.com).

**Header:**

Pos No.	Seq. ID	Name	Req. Des.	Max. Use	Loop Repeat
001	ISA	Interchange Set Header	M	1	
005	GS	Group Set Header	M	1	
010	ST	Transaction Set Header	M	1	
020	BEG	Beginning Segment for Purchase Order	M	1	
050	REF	Reference Identification	M	>1	
060	PER	Administration Communication Contract	O	3	
080	FOB	F.O.B. Related Instructions	O	>1	

**Loop ID – SAC 25**

100	SAC	Service, Promotion, Allowance, or Charge	O	25	
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
150	DTM	Date/Time Reference	O	10	
220	PKG	Marking, Packaging, Loading	O	200	
240	TD5	Carrier Details (Routing Sequence/Transit	O	12	

**Loop ID – N1 200**

310	N1	Name	M	1	
330	N3	Address Information	O	2	
340	N4	Geographic Location	O	>1	

**Detail:**

Pos No.	Seq. ID	Name	Req. Des.	Max. Use	Loop Repeat
<b>Loop ID – PO1</b>					<b>100000</b>
010	PO1	Baseline Item Data	M	1	*1
<b>Loop ID – PO1/CTP</b>					<b>&gt;1</b>
040	CTP	Pricing information	O	1	
<b>Loop ID – PO1/PID</b>					<b>100</b>
050	PID	Product/Item Description	O	1	
090	PO4	Item Physical Description	O	>1	
<b>Loop ID – PO1/SAC</b>					<b>25</b>
130	SAC	Service, Promotion, Allowance or Charge Information	O	1	
140	TXI	Tax Information	O	1	

**Summary:**

Pos. No.	Seq. ID	Name	Req. Des.	Max. Use	Loop Repeat
010	CTT	Transaction Totals	M	1	*2
020	AMT	Monetary Amount	O	1	*3
030	SE	Transaction Set Trailer	M	1	
040	GE	Group Trailer	M	1	
050	IEA	Interchange Trailer	M	1	

NOTES:

- \*1. PO102 is required
- \*2. 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. If The AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**Document Revision Page**

<b>Date</b>	<b>Revision</b>	<b>Name</b>
October 1, 2014	Version Release	Rich Tetreault
November 24, 2014	Added PER Segment	Rich Tetreault
December 15, 2014	Further detail explanation on PO4 usage	Rich Tetreault

**ISA Interchange Set Header**

**Position:** 001  
**Max Use:** 1  
**Level:** Header  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 17  
**Purpose:** To indicate the start of an interchange set

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2
		<u>Code</u> <u>Description</u>			
		00            No Authorization Information Present			
ISA02	I02	Authorization Information	M	ID	10/10
		<b>Note: Normally blank field</b>			
ISA03	I03	Security Information Qualifier	M	ID	2/2
		<u>Code</u> <u>Description</u>			
		00			
ISA04	I04	Security Information	M	ID	10/10
		<b>Note: Normally blank field</b>			
ISA05	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Description</u>			
		ZZ            Mutually Defined – Used by Raley’s			
ISA06	I06	Interchange Sender ID	M	AN	15/15
		<u>Code</u> <u>Description</u>			
		<b>RALEYSPROD for PRODUCTION</b>			
		<b>RALEYSTEST for TEST</b>			
ISA07	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Description</u>			
		01            DUNS Number			
		08            UCC EDI Comm. ID			
		12            Phone Number			
		ZZ            Mutually Defined			
		<b>Note: Your accepted EDI Qualifier</b>			
ISA08	I08	Interchange Receiver ID	M	AN	15/15
		<b>Note: Your accepted EDI Receiver ID</b>			
ISA09	I08	Date	M	DT	6/6
		Note: Format YYMMDD			
ISA10	I09	Time	M	TM	4/4
		Note: Format HHMM			

**ISA Interchange Set Header**

**Position:** 001  
**Max Use:** 1  
**Level:** Header  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 17  
**Purpose:** To indicate the start of an interchange set

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ISA11	I10	Interchange Standards Identifier	M	ID	1/1
		<u>Code</u>		<u>Description</u>	
		U		US EDI Community of ASC X.12	
ISA12	I11	Interchange Version ID	M	ID	5/5
		<u>Code</u>		<u>Description</u>	
		00401		ANSI X.12 4010	
ISA13	I12	Interchange Control Number	M	N0	9/9
ISA14	I13	Acknowledgement Requested	M	ID	1/1
		<u>Code</u>		<u>Description</u>	
		0		No Acknowledgment Requested	
ISA15	I14	Test Indicator	M	ID	1/1
		<u>Code</u>		<u>Description</u>	
		T		Test	
		P		Production	
ISA16	I15	Element Separator	M	AN	1/1
		<u>Code</u>		<u>Description</u>	
				Pipe symbol (Ascii code table &#166)	
		&#166;		ASCII: Latin Letter Pipe	
ISA17	I16	Sub-Element Separator	M	AN	1/1
		<u>Code</u>		<u>Description</u>	
		^		Carat symbol (Ascii code table &#094)	
		&#094;	^	ASCII: spacing circumflex	
				Segment Terminator	
		<u>Code</u>		<u>Description</u>	
		~	M	AN	1/1
				Tilde symbol (Ascii code table &#126)	
		&#126;	~	ASCII: tilde	

**Example:**

ISA|00| 00| ZZ|RALEYSTEST |01|0000101780 |160731|2223|U|00401|000000002|0|T|^~

**GS** Group Set Header

**Position:** 005  
**Max Use:** 1  
**Level:** Header  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 8  
**Purpose:** To indicate the start of an interchange set

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
GS01	479	Functional Code	M	ID	2/2
		<u>Code</u> PO			<u>Description</u> Purchase Order
GS02	142	Sender ID	M	AN	2/15
		<u>Code</u> RALEYSPROD RALEYSTEST			<u>Description</u> for PRODUCTION for TEST
GS03	124	Receiver ID	M	AN	2/15
		Note: Your accepted EDI Receiver ID			
GS04	373	Interchange Date	M	DT	8/8
		Note: Format CCYYMMDD			
GS05	337	Interchange Time	M	TM	4/8
		Note: Format HHMMSS			
GS06	28	Group Control Number	M	NO	1/9
GS07	455	Responsible Agency Code	M	ID	2/2
		<u>Code</u> X			<u>Description</u> ANSI X12
GS08	480	Group Version	M	AN	1/12
		<u>Code</u> 004010			<u>Description</u> ANSI X.12 4010

**Example:**

**GS|PO|RALEYSTEST|0000101780|20160731|222347|2001|X|004010~**

**ST Transaction Set Header**

**Position:** 010  
**Max Use:** 1  
**Level:** Header  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 2  
**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>				
ST01	143	Transaction Set Identifier Code	M	ID	3/3				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>850</td> <td>Purchase Order</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	850	Purchase Order			
<u>Code</u>	<u>Description</u>								
850	Purchase Order								
ST02	329	Transaction Set Control Number	M	AN	4/9				

**Example:**  
[ST|850|0001~](#)



**BEG Beginning Segment for Purchase Order**

**Position:** 020  
**Max Use:** 1  
**Level:** Header  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 6  
**Purpose:** To indicate the beginning of the Purchase Order 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>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2
		<u>Code</u>			
		00			
		<u>Description</u>			
		Original			
BEG02	92	Purchase Order Type Code	M	ID	2/2
		<u>Code</u>			
		NE			
		SA			
		<u>Description</u>			
		Raley's New Store Order			
		Raley's SA Distribution Center Order			
BEG03	324	Purchase Order Number	M	AN	1/22
BEG04	328	Release Number	O	AN	1/30
		<b>Future Use:</b> Unique Number to be used for Raley's with your company, if applicable			
BEG05	373	Date	M	DT	8/8
		Note: Format CCYYMMDD			
BEG06	367	Contract Number	O	AN	1/30
		<b>Future Use:</b> Unique Number to be used for Raley's with your company, if applicable			

**Example:**

BEG|00|SA|10112345||20170101||~

**REF Reference Identification**

**Position:** 050  
**Max Use:** >1  
**Level:** Header  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 3  
**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>
REF01	128	Reference Number Qualifier	M	ID	2/3
		<u>Code</u>			
		<u>Description</u>			
		IA			
		Raley's Vendor Number			
		OL			
		Raley's Purchasing Group Number			
		ON			
		Raley's Purchasing Organization Number			
		DX			
		Raley's Distribution Centre or Store Order Type			
		L1			
		Order Specific Notes & Text			
		ZZ			
		Raley's Distribution Centre or Store Number			
REF02	329	Reference Identifier	C	AN	1/30
REF03	352	Description	C	AN	1/80
		Used only if REF01 = L1			

**Note:**

Raley's will ensure that the data transmitted in the REF01=IA is always present. The REF01=ZZ will indicate the Distribution Center or Direct Store Number on all EDI transmissions referencing the order.

Please ensure the Vendor Number, Purchasing Group, Purchasing Organization and Order Type are returned on invoices and ASNs if they appear in the order. Thank you.

For delivery instructions:

<http://www.raleystpm.com/download/transportation-logistic-guidelines/>

For terms & conditions:

<http://www.raleystpm.com/download/terms-and-conditions-of-purchase-resale-goods/>

**Examples:**

REF|IA|0123456~

REF|DX|836~

REF|L1||PLEASE CONFIRM PICK-UP TIME~

REF|L1||PLEASE CONFIRM COUNTRY OF ORIGIN~

**PER Administrative Communications Contact**

**Position:** 060  
**Max Use:** 1  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N/A  
**Elements:** 3  
**Purpose:** To identify the buyer

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PER01	366	Contact Function Code	M	ID	2/2
		<u>Code</u>			
		SR			
		<u>Description</u>			
		Sales Contact or Buyer			
PER02	93	Name	M	AN	1/60
PER03	365	Communication Number Qualifier	O	ID	2/2
		<u>Code</u>			
		TE			
		<u>Description</u>			
		Telephone Number			
PER04	364	Communication Number	M	AN	1/80

**Examples:**

[PER|SR|JAMES BUYER|TE|9167771212~](#)

**FOB F.O.B. Related Instructions**

**Position:** 080  
**Max Use:** 1  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N/A  
**Elements:** 3  
**Purpose:** To specify transportation instructions relating to shipment

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2
		<u>Code</u>			
		<u>Description</u>			
		PB			Customer Pick-up/Backhaul
		CC			Collect – use of code must be approved
		CF			Collect – Freight Credit back – use of code must be approved
		DF			Defined by Buyer and Seller – use of code must be approved
		NC			Service Freight, No Charge– use of code must be approved
		PC			Prepaid but charged back – use of code must be approved
		PP			Prepaid– use of code must be approved
FOB02	309	Location Qualifier	X	ID	1/2
		<u>Code</u>			
		<u>Description</u>			
		OR			Customer Pick-up/Backhaul
		DE			Destination – use of code must be approved
		FV			Free Along – use of code must be approved
		ZZ			Free on Board – use of code must be approved
FOB03	352	Description	X	AN	1/80

**Note:**

At this time, only FOB01=PB and FOB02=OR will be sent by Raley's while the remaining codes allow for approved future use.

**Example:**

FOB|PB|OR|San Francisco CA~

**SAC Service, Promotion, Allowance or Charge information**

**Position:** 120  
**Max Use:** 1  
**Level:** Heading  
**Usage:** Optional  
**Loop:** SAC  
**Elements:** 10  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge to shipment

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		<u>Code</u>			
		A			Allowance
		C			Charge
SAC02	1300	Service, Promotion, Allowance or Charge Code	C	ID	1/2
		<u>Code</u>			<u>Description</u>
		B010			Cents Off
		B270			Miscellaneous
		D200			Freight Charges to Destination
		F200			Allowance
		F340			Pickup
		F910			Quantity Discount
		H850			Tax
SAC05	610	Amount	O	N2	1/15
SAC06	378	Allowance/Charge Percent Qualifier	C	ID	1/1
		<u>Code</u>			<u>Description</u>
		Z			Percent
SAC07	332	Percent	C	R	1/6
SAC12	331	Allowance or Charge Method of Handling	O	ID	2/2
		<u>Code</u>			<u>Description</u>
		01			Bill Back
		02			Off Invoice
		05			Supply Tax
		06			Charge to be Paid by Customer
		ZZ			Mutually Agreed
SAC15	352	Description	C	AN	1/80

**Example:**

SAC|A|ZZZZ|||748|Z|||||02|||OFF INVOICE~

**ITD Terms of Sale/Deferred Terms of Sale**

**Position:** 130  
**Max Use:** >1  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N/A  
**Elements:** 6  
**Purpose:** To specify the terms of sale

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ITD01	336	Terms Type Code	O	ID	2/2
		<u>Code</u>			
		01			Basic
		ZZ			Mutually Defined
ITD02	333	Terms Basis Date Code	O	ID	1/2
		<u>Code</u>			
		3			Invoice Date
		4			Specified Date
		7			Effective Date
ITD05	351	Discount Days Due	O	N0	1/3
ITD06	446	Terms Net Due Date	O	DT	8/8
ITD07	386	Terms Net Days	O	N0	1/3
ITD12	352	Description of Terms	O	AN	1/80

**Example:**

ITD|01|7|||30|1|1%00~

**DTM** Date/Time Reference

**Position:** 150  
**Max Use:** 10  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N/A  
**Elements:** 2  
**Purpose:** To specify key dates/time

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3
		<u>Code</u>			<u>Description</u>
		002			Basic
		055			Delivery Confirmed – Future Use
		074			Requested for Delivery – Future Use

DTM02 373 Date X DT 8/8

Note: Format CCYYMMDD

**Example:**

[DTM|002|2017010~](#)

**TD5 Carrier Details (Routing Sequence/Transit Time)**

**Position:** 240  
**Max Use:** 12  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N/A  
**Elements:** 2  
**Purpose:** To indicate Carrier details

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TD504	91	Transportation Type Method Code	C	ID	1/2
		<u>Code</u>			
		L			Contract Carrier
		M			Motor
		R			Rail
		K			Backhaul
TD505	387	Routing	X	AN	1/35

**Example:**

[TD5|L|Cartage445510~](#)



**N1 Name**

**Position:** 310  
**Max Use:** 1  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N1  
**Elements:** 4  
**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>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u>			
		ST			Ship-To
		SU			Supplier
		BT			Bill-To
		BY			Buyer
		CA			Carrier
		CS			Consolidation
		SF			Ship From
		SN			Store Number
N102	93	Name	M	AN	1/60
N103	66	Identification Code Qualifier	O	ID	1/2
		<u>Code</u>			
		91			Assigned by Seller
		92			Assigned by Buyer
N104	67	Identification Code	O	AN	2/80

**Example:**

[N1|ST|Raleys HBC|92|1450713410840~](#)

### N3 Address Information

**Position:** 330  
**Max Use:** 2  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N1  
**Elements:** 2  
**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>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55

**Example:**

N3|1909 FIRST STREET~

## N4 Geographic Location

**Position:** 340  
**Max Use:** >1  
**Level:** Heading  
**Usage:** Optional  
**Loop:** N1  
**Elements:** 4  
**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>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code	O	ID	2/3

### Example:

N4|STOCKTON|CA|95206~

**PO1 Baseline Item Data**

**Position:** 010  
**Max Use:** 1  
**Level:** Detail  
**Usage:** Mandatory  
**Loop:** PO1  
**Elements:** 17  
**Purpose:** To specify Basic and most frequently used item data.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PO101	350	Line Number	O	AN	1/20
PO102	330	Quantity Ordered	M	R	1/15
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2
		<u>Code</u> <u>Description</u>			
		EA      Each			
		RL      Roll			
		CA      Case			
		PK      Pack			
		PL      Pallet			
		ZZ      Tier			
		IN      Inches			
		FT      Foot/Feet			
		KG      Kilograms			
		LB      Pounds			
		CF      Feet cubed			
		CI      Inches cubed			
		CY      Yards Cubed			
		CR      Meters Cubed			
PO104	212	Unit Price	X	R	1/17
PO105	639	Basis of unit Price Code	O	ID	2/2
PO106	235	Product/Service ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Description</u>			
		UA      U.P.C./EAN Case Code (2-5-5)			
		UK      U.P.C./EAN Shipping Container Code (1-2-5-5-1)			
		UI      U.P.C. Consumer Pkg Code (1-5-5)			
		IN      Buyer's Item Number			
PO107	234	Product/Service ID	M	AN	1/48
PO108	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		UA      U.P.C./EAN Case Code (2-5-5)			
		UK      U.P.C./EAN Shipping Container Code (1-2-5-5-1)			
		UI      U.P.C. Consumer Pkg Code (1-5-5)			
		IN      Buyer's Item Number			
PO109	234	Product/Service ID	X	AN	1/48

## PO1 Baseline Item Data

### Element Summary: Continued

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>R</u>	<u>Type</u>	<u>Min/M</u>
PO110	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		UA    U.P.C./EAN Case Code (2-5-5)			
		UK    U.P.C./EAN Shipping Container Code (1-2-5-5-1)			
		UI    U.P.C. Consumer Pkg Code (1-5-5)			
		IN    Buyer's Item Number			
PO111	234	Product/Service ID	X	AN	1/48
PO112	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		ND    National Drug Code (NDC)			
		CH    Country of Origin Labeling (COOL)			
PO113	234	Product/Service ID	X	AN	1/48
PO114	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		IZ    Buyer's size code			
PO115	234	Product/Service ID Size of Unit	X	AN	1/48
PO116	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		VN    Vendor's Item Number			
PO117	234	Product/Service ID Qualifier	X	A	1/48

### Example:

[PO1||65|CA|38.40||UA|004138886480|UK|00041388864808|IN|0989285|||IZ|6 OZ|VN|123456~](#)

## CTP Pricing Information

**Position:** 040  
**Max Use:** 1  
**Level:** Detail  
**Usage:** Optional  
**Loop:** PO1/CTP  
**Elements:** 2  
**Purpose:** To specify pricing.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTP02	236	Price Identifier Code	X	ID	3/3
CTP09	39	Basis of Unit Price Code	O	ID	2/2

### Example:

CTP|LPR|||||||Z~

**PID Product/Item Description**

**Position:** 050  
**Max Use:** 1  
**Level:** Detail  
**Usage:** Optional  
**Loop:** PO1/PID  
**Elements:** 2  
**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>						
PID01	349	Item Description Type	M	ID	1/1						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>IZ</td> <td>Buyer's size code</td> </tr> <tr> <td>F</td> <td>Free Form</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	IZ	Buyer's size code	F	Free Form			
<u>Code</u>	<u>Description</u>										
IZ	Buyer's size code										
F	Free Form										
PID05	52	Description	X	AN	1/80						

**Example:**

PID|F|||| MED LIP BALM W/TS-BNS~

## PO4 Item Physical Details

**Position:** 090  
**Max Use:** >1  
**Level:** Detail  
**Usage:** Optional  
**Loop:** PO1  
**Elements:** 7  
**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>				
PO401	356	Pack - Master Pack Value	M	N0	1/6				
PO405	187	Weight Qualifier	O	ID	1/2				
		<table border="0"> <tr> <td style="padding-right: 10px;"><u>Code</u></td> <td><u>Description</u></td> </tr> <tr> <td>G</td> <td>Gross Weight</td> </tr> </table>	<u>Code</u>	<u>Description</u>	G	Gross Weight			
<u>Code</u>	<u>Description</u>								
G	Gross Weight								
PO406	384	Gross Weight per Pack	O	R	1/9				
PO407	355	Unit or Basis for Measurement	O	ID	2/2				
		<table border="0"> <tr> <td style="padding-right: 10px;"><u>Code</u></td> <td><u>Description</u></td> </tr> <tr> <td>LB</td> <td>Pound</td> </tr> </table>	<u>Code</u>	<u>Description</u>	LB	Pound			
<u>Code</u>	<u>Description</u>								
LB	Pound								
PO408	385	Gross Volume per Pack	O	R	1/9				
PO409	355	Unit or Basis for Measurement	O	ID	2/2				
		<table border="0"> <tr> <td style="padding-right: 10px;"><u>Code</u></td> <td><u>Description</u></td> </tr> <tr> <td>CF</td> <td>Cubic Feet</td> </tr> </table>	<u>Code</u>	<u>Description</u>	CF	Cubic Feet			
<u>Code</u>	<u>Description</u>								
CF	Cubic Feet								
PO414	810	Inner Pack – Vendor Pack Factor	O	N0	1/6				

### Example:

PO4|48|||||||||0001~

### Notes:

The PO4 segment is mandatory if the PO103 and PO105 units of measure do NOT match.

The PO405, PO406 and PO407 are used together.  
 The PO408 and PO409 are used together.  
 The PO401 and PO414 are used together.

**When used, the PO401 and P0414 indicate the ratio between quantity unit of measure and price basis code. For example:**

**We order 12 cases (CA) of ITEMA which is priced at \$1.50 each (EA).  
 There are 6 items (EA) in a case (CA). The extended quantity ordered is 72 EA (6 times 12).  
 The extended price is \$108 (\$1.50 times 72).**

**For this order PO102 = 12, PO103 = CA, PO104 = 1.5, PO105 = EA, PO401 = 1 and P0414 = 6  
 meaning that 1 CA contains 6 EA.**



**SAC Service, Promotion, Allowance or Charge information**

**Position:** 120  
**Max Use:** 1  
**Level:** Detail  
**Usage:** Optional  
**Loop:** PO1/SAC  
**Elements:** 10  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge to shipment

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		<u>Code</u>			
		A			Allowance
		C			Charge
SAC02	1300	Service, Promotion, Allowance or Charge Code	C	ID	1/2
		<u>Code</u>			
		B010			Cents Off
		B270			Miscellaneous
		D200			Freight Charges to Destination
		F200			Allowance
		F340			Pickup
		F910			Quantity Discount
		H850			Tax
SAC05	610	Amount	O	N2	1/15
SAC06	378	Allowance/Charge Percent Qualifier	C	ID	1/1
		<u>Code</u>			
		Z			Percent
SAC07	332	Percent	C	R	1/6
SAC12	331	Allowance or Charge Method of Handling	O	ID	2/2
		<u>Code</u>			
		03			Bill Back
		04			Off Invoice
		05			Supply Tax
		06			Charge to be Paid by Customer
		ZZ			Mutually Defined
SAC15	352	Description	C	AN	1/80

**Example:**

SAC|A|ZZZZ|||748|||1.87|||02|||OFF INVOICE~

**TXI Tax Information**

**Position:** 140  
**Max Use:** >1  
**Level:** Detail  
**Usage:** Optional  
**Loop:** PO1  
**Elements:** 6  
**Purpose:** To identify applicable and related taxes

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TXI01	963	Tax Type Code	M	ID	2/2
		<u>Code</u>			
		TX			
		<u>Description</u>			
		Sales Tax			
TXI02	782	Monetary Amount	C	R	1/18
TXI03	954	Percent	C	R	1/10
TXI10	350	Assigned Identification	O	AN	1/20

**Example:**

TXI|TX|428|4|||||NAV~

**CTT Transaction Totals**

**Position:** 010  
**Max Use:** 1  
**Level:** Summary  
**Usage:** Optional  
**Loop:** N/A  
**Elements:** 6  
**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>
CTT01	354	Number of Line Items	M	N0	1/6
CTT02	347	Hash Total	O	R	1/10
CTT03	81	Weight	C	R	1/10
CTT04	355	Unit or Basis for Measurement Code	C	ID	2/2
		<u>Code</u> LB			<u>Description</u> Pounds
CTT05	183	Volume	C	R	1/8
CTT06	355	Unit or Basis for Measurement Code	C	ID	2/2
		<u>Code</u> CF			<u>Description</u> Cubic Feet

**Example:**

[CTT|0043|0000000378|000102758|LB|00004553|CF~](#)

**AMT Monetary Amount**

**Position:** 020  
**Max Use:** 1  
**Level:** Summary  
**Usage:** Optional  
**Loop:** N/A  
**Elements:** 2  
**Purpose:** To indicate the total monetary amount.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
AMT01	522	Amount Qualifier Code	M	ID	1/2
		<u>Code</u>			
		TT			
		<u>Description</u>			
		Total Transaction Amount			
AMT02	782	Monetary Amount	O	R	1/15

**Note:** The Amount field prepared by Raley's is a real number with 5 decimal places but may be truncated for EDI purposes.

**Example:**

[AMT|TT|000653007~](#)

**SE Transaction Set Trailer**

**Position:** 030  
**Max Use:** 1  
**Level:** Summary  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 2  
**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>
SE01	96	Number of included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9

**Example:**

SE|195|0001~

---

**GE** Group Trailer

**Position:** 040  
**Max Use:** 1  
**Level:** Summary  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 2  
**Purpose:** To indicate the end of the group of like transactions

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6
GE02	28	Group Control Number	M	N0	1/9

**Example:**

GE|1|0001~

**IEA Interchange Trailer**

**Position:** 050  
**Max Use:** 1  
**Level:** Summary  
**Usage:** Mandatory  
**Loop:** N/A  
**Elements:** 2  
**Purpose:** To indicate the end of an interchange.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IEA01	I16	Number of included Functional Groups	M	N0	1/5
IEA02	I12	Interchange Control Number	M	N0	9/9

**Example:**

[IEA|1|0001~](#)

**850 PURCHASE ORDER - SAMPLE DATA**

ISA|00| |00| |ZZ|RALEYSTEST |01|0001000188  
 |140908|1645|U|00401|000000002|O|T|^~  
 GS|PO|RALEYSTEST|0001000188|20141008|164555|2001|X|004010~  
 ST|850|0001~  
 BEG|00|SA|4700000066|||20140826~  
 REF|IA|0003000362~  
 REF|ZZ|1000~  
 REF|OL|D11~  
 REF|ON|1000~  
 REF|DX|ZBDC~  
 PER|SR|JAMES BUYER|TE|9167771212~  
 FOB|PB|DE|Destination~  
 ITD|01|||||20~  
 DTM|002|20140830~  
 N1|SU|0003000362|92|0003000362~  
 N1|ST|Whse 101 - Natomas|92|836~  
 N3|4 Gateway Park Blvd.~  
 N4|Sacramento|CA|95834|US~  
 N1|SF|ACCT W/ VEND|92|ACCT W/ VEND~  
 PO1|00010|100|CS|9.29||IN|000000000002056356|VN|0153466~  
 CTP||LPR||100|ZZ~  
 PID|F|||DANNON LT BLUEBERRY~  
 SAC|C|ZZZZ|||97800|||9.78|||Gross Price (Raleys)~  
 SAC|A|I170|||4890|3|5|||Vendor Discount %~  
 PO1|00020|100|CS|9.29||IN|000000000002056357|VN|0153469~  
 CTP||LPR||100|ZZ~  
 PID|F|||DANNON LT CHERRY~  
 SAC|C|ZZZZ|||97800|||9.78|||Gross Price (Raleys)~  
 SAC|A|I170|||4890|3|5|||Vendor Discount %~  
 TXI|TX|78.97~  
 PO1|00030|100|CS|9.29||IN|000000000002056356|VN|0153466~  
 CTP||LPR||100|ZZ~  
 PID|F|||DANNON LT BLUEBERRY~  
 SAC|C|ZZZZ|||97800|||9.78|||Gross Price (Raleys)~  
 SAC|A|I170|||4890|3|5|||Vendor Discount %~  
 CTT|3|300|2170|LB|105.1|CF~  
 AMT|TT|2787.3~  
 SE|34|0001~  
 GE|1|2001~  
 IEA|1|000000002~



**Sample 2**

ISA|00| |00| |ZZ|RALEYSTEST |01|0000101780  
 |140731|2223|U|00401|000000002|O|T|^~  
 GS|PO|RALEYSTEST|0000101780|20140731|222347|2001|X|004010~  
 ST|850|0001~  
 BEG|00|SA|4700000002| |20140604~  
 REF|IA|0000101780~  
 REF|ZZ|1000~  
 REF|L1|Four score and seven years ago our fathers brought forth on this~  
 REF|L1|November 19, 1863~  
 REF|OL|D10~  
 REF|ON|1000~  
 REF|DX|ZBDC~  
 PER|SR|JAMES BUYER|TE|9167771212~  
 FOB|PB|ZZ|Natomas~  
 DTM|002|20140605~  
 N1|SU|0000101780|92|0000101780~  
 N1|ST|Whse 101 - Natomas|92|836~  
 N3|4061 Gateway Park Blvd.~  
 N4|Sacramento|CA|95834|US~  
 N1|SF|1000|92|1000~  
 PO1|00010|102|CS|13.73| |IN|00000000002000019|VN|VENDART125~  
 CTP| |LPR| |102|ZZ~  
 PID|F| | |KASHI GOLEAN CRSP BERRY CEREAL~  
 SAC|C|ZZZZ| |135558| |13.29| | | |Gross Price (Raleys)~  
 SAC|A|I170| |13556|3|10| | | |Vendor Discount %~  
 SAC|A|F340| |20400| |2| | | |Vendor Pickup Allow\$~  
 SAC|A|F340| |6096|3|6| | | |Vendor Pickup Allow%~  
 SAC|C|A658| |5411| | | | |BondFee HeaderWeight~  
 SAC|C|A658| |6823| | | | |BondFee Header \$ Amt~  
 SAC|C|A658| |10000| | | | |BondFee Header Case~  
 SAC|C|B870| |5411| | | | |Customs HeaderWeight~  
 SAC|C|B870| |6922| | | | |Customs Header \$ Amt~  
 SAC|C|B870| |10000| | | | |Customs Header Case~  
 PO1|00020|102|CS|13.84| |IN|00000000002000013|VN|VENDART123~  
 CTP| |LPR| |102|ZZ~  
 PID|F| | |KASHI GOLEAN CEREAL~  
 SAC|C|ZZZZ| |135558| |13.29| | | |Gross Price (Raleys)~  
 SAC|A|I170| |13556|3|10| | | |Vendor Discount %~  
 SAC|A|C300| |12750| |1.25| | | |Off Invoice \$~  
 SAC|A|C300| |271|3|.2| | | |Off Invoice %~  
 SAC|A|C560| |10200| |1| | | |Early pay allow \$~  
 SAC|C|A658| |4219| | | | |BondFee HeaderWeight~  
 SAC|C|A658| |6964| | | | |BondFee Header \$ Amt~  
 SAC|C|A658| |10000| | | | |BondFee Header Case~  
 SAC|C|B870| |4219| | | | |Customs HeaderWeight~  
 SAC|C|B870| |6981| | | | |Customs Header \$ Amt~  
 SAC|C|B870| |10000| | | | |Customs Header Case~

PO1|00030|102|CS|12.21||IN|00000000002000011|VN|VENDART124~  
CTP||LPR||102|ZZ~  
PID|F|||KASHI GOLEAN CRL HNY ALM FLAX~  
SAC|C|ZZZZ||101694||9.97|||||Promotion Price~  
SAC|A|1170||10169|3|10|||||Vendor Discount %~  
SAC|C|A658||370|||||BondFee HeaderWeight~  
SAC|C|A658||6213|||||BondFee Header \$ Amt~  
SAC|C|A658||10000|||||BondFee Header Case~  
SAC|C|B870||370|||||Customs HeaderWeight~  
SAC|C|B870||6097|||||Customs Header \$ Amt~  
SAC|C|B870||10000|||||Customs Header Case~  
SAC|C|D240||6120||.05|||||Freight/ Quantity~  
CTT|3|306|31671|LB|24.48|CF~  
AMT|TT|4058.12~  
SE|81|0001~  
GE|1|2001~  
IEA|1|000000002~