

Wal-Mart Stores, Inc.

Electronic Data Interchange Implementation Guideline
ANSI X12 Version 5010

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850 Purchase Order

Purchase Order

Business Usage:

Imports Products

Consolidator

De-Consolidator

Customs Broker

EDI Direction: From Wal-Mart

Implementation Guide Version 1.0

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850 Purchase Order - Wal-Mart Stores, Inc. Introduction

Wal-Mart uses the 850 Import EDI document to communicate detailed import Purchase Order information (including distribution details) to its trading partners.

Functional Acknowledgment

A *Functional Acknowledgment*, VICS/EDI transaction set 997 must be sent within 24 hours of receipt of originating transmission to acknowledge receipt of the 850 transmission or to notify Wal-Mart Stores, Inc. of format or syntax errors.

Business Changes

To support our growing company, Wal-Mart Stores, Inc. will be incorporating the following business changes into this 5010 upgrade.

Wal-Mart will utilize the GTIN (Global Traded Item Number) in EDI X12 Version 5010. GTIN information will be sent in addition to the UPC code. It will be the suppliers' responsibility to handle the information as their systems become GTIN compliant. For more information regarding GTIN, please visit the website of the UCC (www.uc-council.org) in the U.S. and ECCC (www.eccc.org) in Canada or the appropriate numbering organization for your country.

850 Purchase Order - Wal-Mart Stores, Inc. Guidelines

Functional Group ID=**PO**

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BEG	Beginning Segment for Purchase Order	M	1		
	0500	REF	Reference Information	O	>1		
	0500	REF	Reference Information	O	>1		
	0500	REF	Reference Information	O	>1		
	0600	PER	Administrative Communications Contact	O	3		
	0800	FOB	F.O.B. Related Instructions	O	>1		
	1500	DTM	Date/Time Reference	O	10		
	1500	DTM	Date/Time Reference	O	10		
	1500	DTM	Date/Time Reference	O	10		
	1500	DTM	Date/Time Reference	O	10		
	1500	DTM	Date/Time Reference	O	10		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
			LOOP ID - N1			200	
	3100	N1	Party Identification	O	1		
			LOOP ID - N1			200	
	3100	N1	Party Identification	O	1		
			LOOP ID - N1			200	
	3100	N1	Party Identification	O	1		
	3300	N3	Party Location	O	2		
	3400	N4	Geographic Location	O	>1		
			LOOP ID - N1			200	
	3100	N1	Party Identification	O	1		
	3300	N3	Party Location	O	2		
	3400	N4	Geographic Location	O	>1		
			LOOP ID - N1			200	
	3100	N1	Party Identification	O	1		
	3300	N3	Party Location	O	2		
	3400	N4	Geographic Location	O	>1		

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - PO1			100000	

M	0100	PO1	Baseline Item Data	M	1	n1
			LOOP ID - CTP	>1		
	0400	CTP	Pricing Information	O	1	
	0430	CUR	Currency	O	1	
			LOOP ID - CTP	>1		
	0400	CTP	Pricing Information	O	1	
	0430	CUR	Currency	O	1	
			LOOP ID - PID	1000		
	0500	PID	Product/Item Description	O	1	
	0900	PO4	Item Physical Details	O	>1	
	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
			LOOP ID - SCH	200		
	2950	SCH	Line Item Schedule	O	1	n2
			LOOP ID - N9	1000		
	3300	N9	Extended Reference Information	O	1	
			LOOP ID - SLN	1000		
	4700	SLN	Subline Item Detail	O	1	
	4750	MTX	Text	O	>1	
			LOOP ID - N9	>1		
	5230	N9	Extended Reference Information	O	1	
			LOOP ID - N9	>1		
	5230	N9	Extended Reference Information	O	1	
			LOOP ID - SAC	25		
	5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1	

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT	1		
	0100	CTT	Transaction Totals	O	1	n3
M	0300	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. PO102 is required.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. 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.

Wal-Mart Business Example of an 850 Purchase Order – Single Location

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code . "850" indicates "Purchase Order". 0001 is the Transaction Set Control Number .
BEG*00*BE*0021637560**20040202	00 is the Transaction Set Purpose Code . "00" indicates "Original". BE is the Purchase Order Type Code . "BE" indicates "Blanket Order/Estimated Quantities (Not firm Commitment)." 0021637560 is the Purchase Order Number . 20040202 is the Purchase Order Date .
REF*DP*00063	DP is the Reference Identification Qualifier . "DP" indicates "Department Number" 00063 is the Reference Identification (Department Number).
REF*MR*0021	MR is the Reference Identification Qualifier . "MR" indicates "Merchandise Type Code" 0021 is the Reference Identification (Order Type).
PER*BD*YOLANDA LAMBREY	BD is the Contact Function Code . "BD" indicates "Buyer Name or Department." YOLANDA LAMBREY is the Name (Buyer's Name).
FOB*CC*ZZ*FOB*01*CFR	CC is the Shipment Method of Payment . "CC" indicates "Collect". ZZ is the Location Qualifier . "ZZ" indicates "Mutually Defined". This indicates the Place of Possession. FOB is the Description (Free-form name of transportation responsibility location). 01 is the Transportation Terms Qualifier Code . "01" indicates "Incoterms". CFR is the Transportation Terms Code . "CFR" indicates "Cost and Freight". This is the Incoterms code.
DTM*010*20040301	010 is the Date/Time Qualifier . "010" indicates "Requested Ship." 20040301 is the Date .
DTM*001*20040315	001 is the Date/Time Qualifier . "001" indicates "Cancel After." 20040315 is the Date .
DTM*037*20040201	037 is the Date/Time Qualifier . "037" indicates "Ship Not Before." 20040201 is the Date .
DTM*038*20040215	038 is the Date/Time Qualifier . "038" indicates "Ship No Later" 20040215 is the Date .
DTM*002*20040401	002 is the Date/Time Qualifier . "002" indicates "Delivery Requested." 20040401 is the Date .
TD5****O***KL*LEGHORN****ZZ***IT	O is the Transportation Method/Type Code . "O" indicates "Containerized Ocean." KL is the Location Qualifier . "KL" indicates "Port of Loading." LEGHORN is the Location Identifier . (Port Name) ZZ is the Service Level Code . "ZZ" indicates "Mutually

	Defined.” IT is the Country Code .
TD5****O***DE*STATESBORO	O is the Transportation Method/Type Code . “O” indicates “Containerized Ocean.” DE is the Location Qualifier . “DE” indicates “Destination.” STATESBORO is the Location Identifier . (Port Name)
TD5****O***PB*STATESBORO	O is the Transportation Method/Type Code . “O” indicates “Containerized Ocean.” PB is the Location Qualifier . “PB” indicates “Port of Discharge.” STATESBORO is the Location Identifier . (Port Name)
TD5****O***CA*IT	O is the Transportation Method/Type Code . “O” indicates “Containerized Ocean.” CA is the Location Qualifier . “CA” indicates “Country of Origin.” IT is the Location Identifier . (Country Code)
N1*BT*WAL-MART STORES, INC*UL*0078742000008	BT is the Entity Identifier Code . “BT” indicates “Bill-to-Party.” WAL-MART STORES, INC is the Name . UL is the Identification Code Qualifier . “UL” indicates “UCC/EAN Location Code.” 0078742000008 is the Identification Code . (Global Location Number)
N1*BO*PREL ITALY*92*051	BO is the Entity Identifier Code . “BO” indicates “Broker or Sales Office.” PREL ITALY is the Name . 92 is the Identification Code Qualifier . “92” indicates “Assigned by Buyer or Buyer’s Agent.” 051 is the Identification Code . (Broker office Number)
N1*SF*SUPPLIER NAME*92*123456789	SF is the Entity Identifier Code . “SF” indicates “Ship From.” SUPPLIER NAME is the Name . 92 is the Identification Code Qualifier . “92” indicates “Assigned by Buyer or Buyer’s Agent.” 123456789 is the Identification Code . (Internal Import Vendor Number)
N3*1234 MAIN STREET	1234 MAIN STREET is the Address Information .
N4*VENICE*VN*01286*IT	VENICE is the City Name . VN is the State or Province Code . 01286 is the Postal Code . IT is the Country Code .
N1*AE*SHIP TO NAME*92*0571910095	AE is the Entity Identifier Code . “AE” indicates “Additional Delivery Address.” SHIP TO NAME is the Name . 92 is the Identification Code Qualifier . “92” indicates “Assigned by Buyer or Buyer’s Agent.” 0571910095 is the Identification Code . (Fax Number)
N3*4321 MAIN STREET	4321 MAIN STREET is the Address Information .
N4*ITALY***IT	ITALY is the City Name . IT is the Country Code .
N1*MF*FACTORY NAME*92*87654321	MF is the Entity Identifier Code . “MR” indicates “Manufacturer of Goods.” FACTORY NAME is the Name . 92 is the Identification Code Qualifier . “92” indicates “Assigned by Buyer or Buyer’s Agent.” 87654321 is the Identification Code . (Internal Import Manufacturer Number)
N3*9876 MAIN STREET	9876 MAIN STREET is the Address Information .
N4*ITALY***IT	ITALY is the City Name . IT is the Country Code .
PO1*1*744*CA***IN*1620921*UP*718649253465*V	1 is the Assigned Identification .

<p>N*BC3121*C3*N***OT*00000016209213*UK*07186492534650</p>	<p>744 is the Quantity Ordered. CA is the Unit or Basis for Measurement Code. IN is the Product/Service ID Qualifier. "IN" indicates "Buyer's Item Number." 1620921 is the Product/Service ID. UP is the Product/Service ID Qualifier. "UP" indicates "U.P.C. Consumer Package Code (1-5-5-1)." 718649253465 is the Product/Service ID. VN is the Product/Service ID Qualifier. "VN" indicates "Vendor's (Seller's) Item Number". BC3121 is the Product/Service ID. C3 is the Product/Service ID Qualifier. "C3" indicates "Classification." N is the Product/Service ID indicating that the item is not pre-classed. OT is the Product/Service ID Qualifier. "OT" indicates "Internal Number". 00000016209213 is the Product/Service ID. UK is the Product/Service ID Qualifier. "UK" indicates "GTIN 14-digit Data Structure". 00123456789980 is the Product/Service ID.</p>
<p>CTP**FCP*12.1</p>	<p>FCP is the Price Identifier Code. "FCP" indicates "First Cost Price." 12.1 is the Unit Price.</p>
<p>CUR*BY*USD</p>	<p>BY is the Entity Identifier Code. "BY" indicates "Buying Party (Purchaser)". USD is the Currency Code (US Dollar).</p>
<p>CTP**ALT*36.2</p>	<p>FCP is the Price Identifier Code. "ALT" indicates "Alternate Price." 36.2 is the Unit Price</p>
<p>CUR*BY*EUR</p>	<p>BY is the Entity Identifier Code. "BY" indicates "Buying Party (Purchaser)". EUR is the Currency Code (Euro).</p>
<p>PID*F****HAND PAINTTED CERAMIC SQUARE PLATTER</p>	<p>F is the Item Description Type. "F" indicates "Free-Form." HAND PAINTTED CERAMIC SQUARE PLATTER is the Description.</p>
<p>PO4*6*****0.076*KG*0.076*CR</p>	<p>6 is the Pack. 0.076 is the Gross Weight per Pack. KG is the Unit or Basis for Measurement Code. "KG" indicates "Kilograms." 0.076 is the Gross Volume per Pack. CR is the Unit or Basis for Measurement Code. "CR" indicates "Cubic Meter."</p>
<p>TD4*HAZ***Hazardous materials - Handle with care</p>	<p>HAZ is the Special Handling Code. "HAZ" indicates "Hazardous Cargo". Hazardous materials - Handle with care is the Description (Free-form text description).</p>
<p>N9*CR*010007665400</p>	<p>CR is the Reference Identification Qualifier. "CR" indicates "Customer Reference Number." 010007665400 is the Reference Identification. (Quote Sheet Number).</p>
<p>SLN*1**O*****ZZ*6912004500*CH*IT</p>	<p>1 is the Assigned Identification. O is the Relationship Code. "O" indicates "Information Copy." ZZ is the Product/Service ID Qualifier. "ZZ" indicates "Mutually Defined." 6912004500 is the Product/Service ID. (Tariff Number). CH is the Product./Service ID Qualifier. "CH" indicates "Country of Origin Code." IT is the Product/Service ID.</p>

<p>SAC*C* ZZZZ***2*30*****15***NAFTA</p>	<p>C is the Allowance or Charge Indicator . "C" indicates "Charge". ZZZZ is the Service, Promotion, Allowance, or Charge Code. "ZZZZ" indicates "Mutually Defined". 2 is the Allowance/Charge Percent Qualifier. "2" indicates "Item Net Cost". 30 is the Percent. 15 is the Allowance or Charge Method of Handling Code . "15" indicates "Information Only". NAFTA is the Description. This describes the allowance or charge.</p>
<p>CTT*1**126.025*KG*126.0252*CR</p>	<p>1 is the Number of Line Items. 126.025 is the Weight. KG is the Unit or Basis for Measurement Code. "KG" indicates "Kilogram." 126.0252 is the Volume. CR is the Unit or Basis for Measurement Code. "CR" indicates "Cubic Meter."</p>
<p>SE*39*0001</p>	<p>39 is the Number of Included Segments. 0001 is the Transaction Set Control Number.</p>

Wal-Mart Business Example of an 850 Purchase Order– Multiple Locations

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code . "850" indicates "Purchase Order". 0001 is the Transaction Set Control Number .
BEG*04*BE*0043576655**20040923	04 is the Transaction Set Purpose Code . "04" indicates "Change". BE is the Purchase Order Type Code . "BE" indicates "Blanket Order/Estimated Quantities (Not firm Commitment)." 0043576655 is the Purchase Order Number . 20040923 is the Purchase Order Date .
REF*DP*00007	DP is the Reference Identification Qualifier . "DP" indicates "Department Number" 00007 is the Reference Identification (Department Number).
REF*PD*NEWSTRAP	PD is the Reference Identification Qualifier . "PD" indicates "Promotional/Deal Number" NEWSTRAP is the Reference Identification (Wal-Mart event code).
REF*MR*0043	MR is the Reference Identification Qualifier . "MR" indicates "Merchandise Type Code" 0043 is the Reference Identification (Order Type).
PER*BD*ANDY PRINCE	BD is the Contact Function Code . "BD" indicates "Buyer Name or Department." ANDY PRINCE is the Name (Buyer's Name).
FOB*CC*ZZ*FOB*01*CFR	CC is the Shipment Method of Payment . "CC" indicates "Collect". ZZ is the Location Qualifier . "ZZ" indicates "Mutually Defined". This indicates the Place of Possession. FOB is the Description (Free-form name of transportation responsibility location). 01 is the Transportation Terms Qualifier Code . "01" indicates "Incoterms". CFR is the Transportation Terms Code . "CFR" indicates "Cost and Freight". This is the Incoterms code.
DTM*010*20041201	010 is the Date/Time Qualifier . "010" indicates "Requested Ship." 20041201 is the Date .
DTM*001*20041208	001 is the Date/Time Qualifier . "001" indicates "Cancel After." 20041208 is the Date .
DTM*037*20041014	037 is the Date/Time Qualifier . "037" indicates "Ship Not Before." 20041014 is the Date .
DTM*038*20041021	038 is the Date/Time Qualifier . "038" indicates "Ship No Later" 20041021 is the Date .
DTM*002*20041213	002 is the Date/Time Qualifier . "002" indicates "Delivery Requested." 20041213 is the Date .
TDS****O***KL*HUANGPU****ZZ***CN	O is the Transportation Method/Type Code . "O" indicates "Containerized Ocean." KL is the Location Qualifier . "KL" indicates "Port of

	<p>Loading.” HUANGPU is the Location Identifier. (Port Name) ZZ is the Service Level Code. “ZZ” indicates “Mutually Defined.” CN is the Country Code.</p>
TD5****O***DE*SUFFOLK-FLOW	<p>O is the Transportation Method/Type Code. “O” indicates “Containerized Ocean.” DE is the Location Qualifier. “DE” indicates “Destination.” SUFFOLK-FLOW is the Location Identifier. (Port Name)</p>
TD5****O***PB*SUFFOLK-FLOW	<p>O is the Transportation Method/Type Code. “O” indicates “Containerized Ocean.” PB is the Location Qualifier. “PB” indicates “Port of Discharge.” SUFFOLK-FLOW is the Location Identifier. (Port Name)</p>
TD5****O***CA*CN	<p>O is the Transportation Method/Type Code. “O” indicates “Containerized Ocean.” CA is the Location Qualifier. “CA” indicates “Country of Origin.” CN is the Location Identifier. (Country Code)</p>
N1*BT*WAL-MART STORES, INC*UL*007874200008	<p>BT is the Entity Identifier Code. “BT” indicates “Bill-to-Party.” WAL-MART STORES, INC is the Name. UL is the Identification Code Qualifier. “UL” indicates “UCC/EAN Location Code.” 007874200008 is the Identification Code. (Global Location Number)</p>
N1*BO*PREL HONG KONG*92*010	<p>BO is the Entity Identifier Code. “BO” indicates “Broker or Sales Office.” PREL HONG KONG is the Name. 92 is the Identification Code Qualifier. “92” indicates “Assigned by Buyer or Buyer’s Agent.” 010 is the Identification Code. (Broker office Number)</p>
N1*SF*SUPPLIER NAME*92*12345678	<p>SF is the Entity Identifier Code. “SF” indicates “Ship From.” SUPPLIER NAME is the Name. 92 is the Identification Code Qualifier. “92” indicates “Assigned by Buyer or Buyer’s Agent.” 12345678 is the Identification Code. (Internal Import Vendor Number)</p>
N3*1234 MAIN STREET	1234 MAIN STREET is the Address Information .
N4*NORTH POINT***HK	NORTH POINT is the City Name . HK is the Country Code .
N1*AE*SHIP TO NAME*92*0571910095	<p>AE is the Entity Identifier Code. “AE” indicates “Additional Delivery Address.” SHIP TO NAME is the Name. 92 is the Identification Code Qualifier. “92” indicates “Assigned by Buyer or Buyer’s Agent.” 0571910095 is the Identification Code. (Fax Number)</p>
N3*4321 MAIN STREET	4321 MAIN STREET is the Address Information .
N4*NORTH POINT***HK	NORTH POINT is the City Name . HK is the Country Code .
N1*MF*FACTORY NAME*92*87654321	<p>MF is the Entity Identifier Code. “MR” indicates “Manufacturer of Goods.” FACTORY NAME is the Name. 92 is the Identification Code Qualifier. “92” indicates “Assigned by Buyer or Buyer’s Agent.” 87654321 is the Identification Code. (Internal Import Manufacturer Number)</p>
N3*9876 MAIN STREET	9876 MAIN STREET is the Address Information .
N4*NORTH POINT***HK	NORTH POINT is the City Name . HK is the Country Code .

PO1*1*744*CA***IN*1620921*UP*718649253465*VN*BC3121*C3*N***OT*00000016209213*UK*07186492534650	<p>1 is the Assigned Identification. 744 is the Quantity Ordered. CA is the Unit or Basis for Measurement Code. IN is the Product/Service ID Qualifier. "IN" indicates "Buyer's Item Number." 1620921 is the Product/Service ID. UP is the Product/Service ID Qualifier. "UP" indicates "U.P.C. Consumer Package Code (1-5-5-1)." 718649253465 is the Product/Service ID. VN is the Product/Service ID Qualifier. "VN" indicates "Vendor's (Seller's) Item Number". BC3121 is the Product/Service ID. C3 is the Product/Service ID Qualifier. "C3" indicates "Classification." N is the Product/Service ID indicating that the item is not pre-classed. OT is the Product/Service ID Qualifier. "OT" indicates "Internal Number". 00000016209213 is the Product/Service ID. UK is the Product/Service ID Qualifier. "UK" indicates "GTIN 14-digit Data Structure". 00123456789980 is the Product/Service ID.</p>
CTP**FCP*2.6003	<p>FCP is the Price Identifier Code. "FCP" indicates "First Cost Price." 2.6003 is the Unit Price.</p>
CUR*BY*USD	<p>BY is the Entity Identifier Code. "BY" indicates "Buying Party (Purchaser)". USD is the Currency Code (US Dollar).</p>
CTP**ALT*36.2	<p>FCP is the Price Identifier Code. "ALT" indicates "Alternate Price." 36.2 is the Unit Price</p>
CUR*BY*EUR	<p>BY is the Entity Identifier Code. "BY" indicates "Buying Party (Purchaser)". EUR is the Currency Code (Euro).</p>
PID*F****QUICK INFLATOR	<p>F is the Item Description Type. "F" indicates "Free-Form." QUICK INFLATOR is the Description.</p>
PO4*14*****6.6*KG*0.041*CR	<p>14 is the Pack. 6.6 is the Gross Weight per Pack. KG is the Unit or Basis for Measurement Code. "KG" indicates "Kilograms." 0.041 is the Gross Volume per Pack. CR is the Unit or Basis for Measurement Code. "CR" indicates "Cubic Meter."</p>
TD4*HAZ***Hazardous materials - Handle with care	<p>HAZ is the Special Handling Code. "HAZ" indicates "Hazardous Cargo". Hazardous materials - Handle with care is the Description (Free-form text description).</p>
SCH*11*CA***167*19991015*2304*****0043576655*0078742028569	<p>11 is the Quantity. CA is the Unit or Basis for Measurement. "CA" indicates "Case." 167 is the Date/Time Qualifier. "167" indicates "Most Recent Revision (or Initial Version)" 19991015 is the Date. 2304 is the Time. 0043576655 IS THE REQUEST REFERENCE NUMBER. (WAL-MART DISTRIBUTION PURCHASE ORDER NUMBER) 0078742028569 IS THE ASSIGNED IDENTIFICATION. (WAL-MART GLN FOR DISTRIBUTION CENTER).</p>
SCH*13*CA***167*19991013*2316*****0043576655*	<p>13 is the Quantity.</p>

0078742029467	<p>CA is the Unit or Basis for Measurement. "CA" indicates "Case."</p> <p>167 is the Date/Time Qualifier. "167" indicates "Most Recent Revision (or Initial Version)"</p> <p>19991013 is the Date.</p> <p>2316 is the Time.</p> <p>0043576655 IS THE REQUEST REFERENCE NUMBER. (WAL-MART DISTRIBUTION PURCHASE ORDER NUMBER)</p> <p>0078742029467 is the Assigned Identification. (Wal-Mart GLN for distribution center).</p>
SCH*0*CA***167*19991015*2304****0043576655*0078742030005	<p>0 is the Quantity.</p> <p>CA is the Unit or Basis for Measurement. "CA" indicates "Case."</p> <p>167 is the Date/Time Qualifier. "167" indicates "Most Recent Revision (or Initial Version)"</p> <p>19991015 is the Date.</p> <p>2304 is the Time.</p> <p>0043576655 IS THE REQUEST REFERENCE NUMBER. (WAL-MART DISTRIBUTION PURCHASE ORDER NUMBER)</p> <p>0078742030005 is the Assigned Identification. (Wal-Mart GLN for distribution center).</p>
SCH*1*CA***167*19991013*2316****0043576655*0078742031170	<p>1 is the Quantity.</p> <p>CA is the Unit or Basis for Measurement. "CA" indicates "Case."</p> <p>167 is the Date/Time Qualifier. "167" indicates "Most Recent Revision (or Initial Version)"</p> <p>19991013 is the Date.</p> <p>2316 is the Time.</p> <p>0043576655 IS THE REQUEST REFERENCE NUMBER. (WAL-MART DISTRIBUTION PURCHASE ORDER NUMBER)</p> <p>0078742031170 is the Assigned Identification. (Wal-Mart GLN for distribution center).</p>
N9*CR*010013992400	<p>CR is the Reference Identification Qualifier. "CR" indicates "Customer Reference Number."</p> <p>010013992400 is the Reference Identification. (Quote Sheet Number).</p>
SLN*1**O*****ZZ*8414801585*CH*CN	<p>1 is the Assigned Identification.</p> <p>O is the Relationship Code. "O" indicates "Information Copy."</p> <p>ZZ is the Product/Service ID Qualifier. "ZZ" indicates "Mutually Defined."</p> <p>8414801585 IS THE PRODUCT/SERVICE ID. (TARIFF NUMBER).</p> <p>CH is the Product./Service ID Qualifier. "CH" indicates "Country of Origin Code."</p> <p>CN is the Product/Service ID.</p>
SAC*C*ZZZZ****2*0.05*0.6*KG*165**15***NAFTA	<p>C is the Allowance or Charge Indicator. "C" indicates "Charge."</p> <p>ZZZZ is the Service, Promotion, Allowance, or Charge Code. "ZZZZ" indicates "Mutually Defined."</p> <p>2 is the Allowance/Charge Percent Qualifier. "2" indicates "Item Net Cost."</p> <p>0.05 is the Percent.</p> <p>0.6 is the Rate.</p> <p>KG is the Unit or Basis for Measurement. "KG" indicates "Kilogram."</p> <p>165 is the Quantity.</p> <p>15 is the Allowance or Charge Method of Handling Code.</p>

	<p>“15” indicates “Information Only.”</p> <p>NAFTA is the Description. This describes the allowance or charge.</p>
CTT*1**165*KG*1.025*CR	<p>1 is the Number of Line Items.</p> <p>165 is the Weight.</p> <p>KG is the Unit or Basis for Measurement Code. “KG” indicates “Kilogram.”</p> <p>1.025 is the Volume.</p> <p>CR is the Unit or Basis for Measurement Code. “CR” indicates “Cubic Meter.”</p>
SE*44*0001	<p>44 is the Number of Included Segments.</p> <p>0001 is the Transaction Set Control Number.</p>

Segment: **ST** Transaction Set Header
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

- 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.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 Purchase Order 850 Purchase Order	M 1 ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <u>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.</u>	M 1 AN 4/9
	ST03	1705	<i>Implementation Convention Reference</i> <i>Reference assigned to identify Implementation Convention</i>	O 1 AN 1/35

Segment: **BEG** Beginning Segment for Purchase Order
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes: 1 BEG05 is the date assigned by the purchaser to purchase order.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M 1 ID 2/2
			00 Original	
			01 Cancellation	
			04 Change	
			22 Information Copy	
			This code is used to notify anyone other than the seller about this order.	
M	BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order	M 1 ID 2/2
			BE Blanket Order/Estimated Quantities (Not firm Commitment)	
M	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M 1 AN 1/22
			Retailer's original purchase order number	
	BEG04	328	<i>Release Number</i> <i>Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction</i>	O 1 AN 1/30
			Retailer's release against the purchase order, if used	
M	BEG05	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
			Retailer's original purchase order date	
	BEG06	367	<i>Contract Number</i> <i>Contract number</i>	O 1 AN 1/30
	BEG07	587	<i>Acknowledgment Type</i> <i>Code specifying the type of acknowledgment</i>	O 1 ID 2/2
	BEG08	1019	<i>Invoice Type Code</i> <i>Code defining the method by which invoices are to be processed</i>	O 1 ID 3/3
	BEG09	1166	<i>Contract Type Code</i> <i>Code identifying a contract type</i>	O 1 ID 2/2
	BEG10	1232	<i>Purchase Category</i> <i>Code identifying the broad category of products or services being acquired</i>	O 1 ID 2/2
	BEG11	786	<i>Security Level Code</i> <i>Code indicating the level of confidentiality assigned by the sender to the information following</i>	O 1 ID 2/2
	BEG12	640	<i>Transaction Type Code</i> <i>Code specifying the type of transaction</i>	O 1 ID 2/2

Segment: REF Reference Information
Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification DP Department Number This code may be used in the header area or the detail area, but not both.	M 1 ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier This is the Wal-Mart assigned department number.	X 1 AN 1/50
	REF03	352	<i>Description</i> <i>A free-form description to clarify the related data elements and their content</i>	X 1 AN 1/80
	REF04	C040	<i>Reference Identifier</i> <i>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</i>	O 1
	C04001	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	M ID 2/3
	C04002	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	M AN 1/50
	C04003	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04004	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50
	C04005	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04006	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50

Segment: REF Reference Information
Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification MR Merchandise Type Code	M 1 ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <u>This is the Wal-Mart order type.</u>	X 1 AN 1/50
	REF03	352	<i>Description</i> <i>A free-form description to clarify the related data elements and their content</i>	X 1 AN 1/80
	REF04	C040	<i>Reference Identifier</i> <i>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</i>	O 1
	C04001	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	M ID 2/3
	C04002	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	M AN 1/50
	C04003	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04004	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50
	C04005	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04006	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50

Segment: REF Reference Information
Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PD Promotion/Deal Number Product group or selling zone	M 1 ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier This is the Wal-Mart event code.	X 1 AN 1/50
	REF03	352	<i>Description</i> <i>A free-form description to clarify the related data elements and their content</i>	X 1 AN 1/80
	REF04	C040	<i>Reference Identifier</i> <i>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</i>	O 1
	C04001	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	M ID 2/3
	C04002	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	M AN 1/50
	C04003	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04004	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50
	C04005	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04006	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50

Segment: **PER** Administrative Communications Contact
Position: 0600
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

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

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BD Buyer Name or Department	M 1 ID 2/2
	PER02	93	Name Free-form name <u>This is the buyer's name.</u>	O 1 AN 1/60
	PER03	365	<i>Communication Number Qualifier</i> <i>Code identifying the type of communication number</i>	X 1 ID 2/2
	PER04	364	<i>Communication Number</i> <i>Complete communications number including country or area code when applicable</i>	X 1 AN 1/256
	PER05	365	<i>Communication Number Qualifier</i> <i>Code identifying the type of communication number</i>	X 1 ID 2/2
	PER06	364	<i>Communication Number</i> <i>Complete communications number including country or area code when applicable</i>	X 1 AN 1/256
	PER07	365	<i>Communication Number Qualifier</i> <i>Code identifying the type of communication number</i>	X 1 ID 2/2
	PER08	364	<i>Communication Number</i> <i>Complete communications number including country or area code when applicable</i>	X 1 AN 1/256
	PER09	443	<i>Contact Inquiry Reference</i> <i>Additional reference number or description to clarify a contact number</i>	O 1 AN 1/20

Segment: **FOB** F.O.B. Related Instructions
Position: 0800
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:

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

Semantic Notes:

- 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.

Comments:
Notes: **This segment is only used for Canada Sam's Fresh Orders.**

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	FOB01	146 Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect PP Prepaid (by Seller)	M 1 ID 2/2
	FOB02	309 Location Qualifier Code identifying type of location DE Destination (Shipping) ZZ Mutually Defined	X 1 ID 1/2
		<u>Indicates the place of possession.</u>	
	FOB03	352 Description A free-form description to clarify the related data elements and their content Free-form name of transportation responsibility location. This is the place of possession.	O 1 AN 1/80
	FOB04	334 Transportation Terms Qualifier Code Code identifying the source of the transportation terms 01 Incoterms	O 1 ID 2/2
	FOB05	335 Transportation Terms Code Code identifying the trade terms which apply to the shipment transportation responsibility <u>This is the Incoterms code</u>	X 1 ID 3/3
	FOB06	309 <i>Location Qualifier</i> <i>Code identifying type of location</i>	X 1 ID 1/2
	FOB07	352 <i>Description</i> <i>A free-form description to clarify the related data elements and their content</i>	O 1 AN 1/80
	FOB08	54 <i>Risk of Loss Code</i> <i>Code specifying where responsibility for risk of loss passes</i>	O 1 ID 2/2
	FOB09	352 <i>Description</i> <i>A free-form description to clarify the related data elements and their content</i>	X 1 AN 1/80

Segment: **DTM** Date/Time Reference
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

This segment contains the warehouse cancel date.

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	M 1 ID 3/3
		Date/Time Qualifier	
		Code specifying type of date or time, or both date and time	
		001 Cancel After	
		<u>If the order has not been shipped by this date, the order is considered canceled</u>	
	DTM02	373	X 1 DT 8/8
		Date	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
		<u>If the order has not been shipped by this date, the order is considered canceled</u>	
	DTM03	337	X 1 TM 4/8
		Time	
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623	O 1 ID 2/2
		Time Code	
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	1250	X 1 ID 2/3
		Date Time Period Format Qualifier	
		Code indicating the date format, time format, or date and time format	
	DTM06	1251	X 1 AN 1/35
		Date Time Period	
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **DTM** Date/Time Reference
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

This segment contains the warehouse ship date.

Data Element Summary

M	Ref.	Data	Attributes	
	Des.	Element Name		
	DTM01	374 Date/Time Qualifier	M	1 ID 3/3
		Code specifying type of date or time, or both date and time		
		010 Requested Ship		
	DTM02	373 Date	X	1 DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
	DTM03	337 Time	X	1 TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	DTM04	623 Time Code	O	1 ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	1250 Date Time Period Format Qualifier	X	1 ID 2/3
		Code indicating the date format, time format, or date and time format		
	DTM06	1251 Date Time Period	X	1 AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times		

Segment: **DTM** Date/Time Reference
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:
Comments:
Notes:

This segment contains the supplier ship date.

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	M 1 ID 3/3
		Date/Time Qualifier	
		Code specifying type of date or time, or both date and time	
		037 Ship Not Before	
		<u>If the retailer allows shipment before the requested ship date, this is the earliest date shipping can occur</u>	
	DTM02	373	X 1 DT 8/8
		Date	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
		<u>If the retailer allows shipment before the requested ship date, this is the earliest date shipping can occur</u>	
	DTM03	337	X 1 TM 4/8
		Time	
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623	O 1 ID 2/2
		Time Code	
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	1250	X 1 ID 2/3
		Date Time Period Format Qualifier	
		Code indicating the date format, time format, or date and time format	
	DTM06	1251	X 1 AN 1/35
		Date Time Period	
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **DTM** Date/Time Reference
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

This segment contains the supplier cancel date.

Data Element Summary

M	Ref.	Data	Attributes	
	Des.	Element Name		
	DTM01	374 Date/Time Qualifier	M	1 ID 3/3
		Code specifying type of date or time, or both date and time		
		038 Ship No Later		
	DTM02	373 Date	X	1 DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
	DTM03	337 Time	X	1 TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	DTM04	623 Time Code	O	1 ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	1250 Date Time Period Format Qualifier	X	1 ID 2/3
		Code indicating the date format, time format, or date and time format		
	DTM06	1251 Date Time Period	X	1 AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times		

Segment: **DTM** Date/Time Reference
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

This segment contains the in-store date.

Data Element Summary

Ref.	Data Element	Name	Attributes	
			M	1
M	DTM01	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 Delivery Requested	M	1 ID 3/3
	DTM02	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	1 DT 8/8
	DTM03	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	1 TM 4/8
	DTM04	Time Code <i>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow</i>	O	1 ID 2/2
	DTM05	Date Time Period Format Qualifier <i>Code indicating the date format, time format, or date and time format</i>	X	1 ID 2/3
	DTM06	Date Time Period <i>Expression of a date, a time, or range of dates, times or dates and times</i>	X	1 AN 1/35

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 2400
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

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

Semantic Notes:

- 1 TD515 is the country where the service is to be performed.

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: **This segment contains the port of loading.**

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD501	133	Routing Sequence Code <i>Code describing the relationship of a carrier to a specific shipment movement</i>	O 1 ID 1/2
TD502	66	Identification Code Qualifier <i>Code designating the system/method of code structure used for Identification Code (67)</i>	X 1 ID 1/2
TD503	67	Identification Code <i>Code identifying a party or other code</i>	X 1 AN 2/80
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air MB Motor (Bulk Carrier) O Containerized Ocean R Rail	X 1 ID 1/2
TD505	387	Routing <i>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</i>	X 1 AN 1/35
TD506	368	Shipment/Order Status Code <i>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</i>	X 1 ID 2/2
TD507	309	Location Qualifier Code identifying type of location KL Port of Loading	O 1 ID 1/2
TD508	310	Location Identifier Code which identifies a specific location	X 1 AN 1/30
TD509	731	Transit Direction Code <i>The point of origin and point of direction</i>	O 1 ID 2/2
TD510	732	Transit Time Direction Qualifier <i>Code specifying the value of time used to measure the transit time</i>	O 1 ID 2/2
TD511	733	Transit Time <i>The numeric amount of transit time</i>	X 1 R 1/4

TD512	284	Service Level Code	X	1	ID 2/2
		Code indicating the level of transportation service or the billing service offered by the transportation carrier			
		Used when TD507 is KL.			
		ZZ Mutually Defined			
<i>TD513</i>	<i>284</i>	<i>Service Level Code</i>	<i>X</i>	<i>1</i>	<i>ID 2/2</i>
		<i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>			
<i>TD514</i>	<i>284</i>	<i>Service Level Code</i>	<i>O</i>	<i>1</i>	<i>ID 2/2</i>
		<i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>			
TD515	26	Country Code	O	1	ID 2/3
		Code identifying the country			
		Used when TD507 is KL.			

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 2400
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

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

Semantic Notes:

- 1 TD515 is the country where the service is to be performed.

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: **This segment contains the final destination.**

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD501	133	Routing Sequence Code <i>Code describing the relationship of a carrier to a specific shipment movement</i>	O 1 ID 1/2
TD502	66	Identification Code Qualifier <i>Code designating the system/method of code structure used for Identification Code (67)</i>	X 1 ID 1/2
TD503	67	Identification Code <i>Code identifying a party or other code</i>	X 1 AN 2/80
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air MB Motor (Bulk Carrier) O Containerized Ocean R Rail	X 1 ID 1/2
TD505	387	Routing <i>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</i>	X 1 AN 1/35
TD506	368	Shipment/Order Status Code <i>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</i>	X 1 ID 2/2
TD507	309	Location Qualifier Code identifying type of location DE Destination (Shipping)	O 1 ID 1/2
TD508	310	Location Identifier Code which identifies a specific location	X 1 AN 1/30
TD509	731	Transit Direction Code <i>The point of origin and point of direction</i>	O 1 ID 2/2
TD510	732	Transit Time Direction Qualifier <i>Code specifying the value of time used to measure the transit time</i>	O 1 ID 2/2
TD511	733	Transit Time <i>The numeric amount of transit time</i>	X 1 R 1/4

TD512	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X	1	ID 2/2
TD513	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X	1	ID 2/2
TD514	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	O	1	ID 2/2
TD515	26	Country Code Code identifying the country	O	1	ID 2/3

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 2400
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

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

Semantic Notes:

- 1 TD515 is the country where the service is to be performed.

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: **This segment contains the country of origin.**

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD501	133	Routing Sequence Code <i>Code describing the relationship of a carrier to a specific shipment movement</i>	O 1 ID 1/2
TD502	66	Identification Code Qualifier <i>Code designating the system/method of code structure used for Identification Code (67)</i>	X 1 ID 1/2
TD503	67	Identification Code <i>Code identifying a party or other code</i>	X 1 AN 2/80
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air MB Motor (Bulk Carrier) O Containerized Ocean R Rail	X 1 ID 1/2
TD505	387	Routing <i>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</i>	X 1 AN 1/35
TD506	368	Shipment/Order Status Code <i>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</i>	X 1 ID 2/2
TD507	309	Location Qualifier Code identifying type of location CA Country of Origin	O 1 ID 1/2
TD508	310	Location Identifier Code which identifies a specific location	X 1 AN 1/30
TD509	731	Transit Direction Code <i>The point of origin and point of direction</i>	O 1 ID 2/2
TD510	732	Transit Time Direction Qualifier <i>Code specifying the value of time used to measure the transit time</i>	O 1 ID 2/2
TD511	733	Transit Time <i>The numeric amount of transit time</i>	X 1 R 1/4

TD512	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X	1	ID 2/2
TD513	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X	1	ID 2/2
TD514	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	O	1	ID 2/2
TD515	26	Country Code Code identifying the country	O	1	ID 2/3

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 2400
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

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

Semantic Notes:

- 1 TD515 is the country where the service is to be performed.

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: **This segment contains the port of arrival for the purchase order.**

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD501	133	Routing Sequence Code <i>Code describing the relationship of a carrier to a specific shipment movement</i>	O 1 ID 1/2
TD502	66	Identification Code Qualifier <i>Code designating the system/method of code structure used for Identification Code (67)</i>	X 1 ID 1/2
TD503	67	Identification Code <i>Code identifying a party or other code</i>	X 1 AN 2/80
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air MB Motor (Bulk Carrier) O Containerized Ocean R Rail	X 1 ID 1/2
TD505	387	Routing <i>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</i>	X 1 AN 1/35
TD506	368	Shipment/Order Status Code <i>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</i>	X 1 ID 2/2
TD507	309	Location Qualifier Code identifying type of location PA Port of Arrival Port where shipment enters country <u>Port where the shipment enters the country</u>	O 1 ID 1/2
TD508	310	Location Identifier Code which identifies a specific location	X 1 AN 1/30
TD509	731	Transit Direction Code <i>The point of origin and point of direction</i>	O 1 ID 2/2
TD510	732	Transit Time Direction Qualifier <i>Code specifying the value of time used to measure the transit time</i>	O 1 ID 2/2

TD511	733	Transit Time <i>The numeric amount of transit time</i>	X	1	R 1/4
TD512	284	Service Level Code <i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>	X	1	ID 2/2
TD513	284	Service Level Code <i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>	X	1	ID 2/2
TD514	284	Service Level Code <i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>	O	1	ID 2/2
TD515	26	Country Code <i>Code identifying the country</i>	O	1	ID 2/3

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 2400
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

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

Semantic Notes:

- 1 TD515 is the country where the service is to be performed.

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: **This segment contains the port of unloading for the purchase order.**

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD501	133	Routing Sequence Code <i>Code describing the relationship of a carrier to a specific shipment movement</i>	O 1 ID 1/2
TD502	66	Identification Code Qualifier <i>Code designating the system/method of code structure used for Identification Code (67)</i>	X 1 ID 1/2
TD503	67	Identification Code <i>Code identifying a party or other code</i>	X 1 AN 2/80
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air MB Motor (Bulk Carrier) O Containerized Ocean R Rail	X 1 ID 1/2
TD505	387	Routing <i>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</i>	X 1 AN 1/35
TD506	368	Shipment/Order Status Code <i>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</i>	X 1 ID 2/2
TD507	309	Location Qualifier Code identifying type of location PB Port of Discharge Port where shipment is unloaded Port where the shipment is unloaded	O 1 ID 1/2
TD508	310	Location Identifier Code which identifies a specific location	X 1 AN 1/30
TD509	731	Transit Direction Code <i>The point of origin and point of direction</i>	O 1 ID 2/2
TD510	732	Transit Time Direction Qualifier <i>Code specifying the value of time used to measure the transit time</i>	O 1 ID 2/2

TD511	733	Transit Time <i>The numeric amount of transit time</i>	X	1	R 1/4
TD512	284	Service Level Code <i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>	X	1	ID 2/2
TD513	284	Service Level Code <i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>	X	1	ID 2/2
TD514	284	Service Level Code <i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>	O	1	ID 2/2
TD515	26	Country Code <i>Code identifying the country</i>	O	1	ID 2/3

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 2400
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

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

Semantic Notes:

- 1 TD515 is the country where the service is to be performed.

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: **This segment contains the port where customs declaration occurs.**

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD501	133	Routing Sequence Code <i>Code describing the relationship of a carrier to a specific shipment movement</i>	O 1 ID 1/2
TD502	66	Identification Code Qualifier <i>Code designating the system/method of code structure used for Identification Code (67)</i>	X 1 ID 1/2
TD503	67	Identification Code <i>Code identifying a party or other code</i>	X 1 AN 2/80
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air MB Motor (Bulk Carrier) O Containerized Ocean R Rail	X 1 ID 1/2
TD505	387	Routing <i>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</i>	X 1 AN 1/35
TD506	368	Shipment/Order Status Code <i>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</i>	X 1 ID 2/2
TD507	309	Location Qualifier Code identifying type of location <u>Port where the customs is declared</u> PE Port of Entry Port where customs is declared <u>Port where the customs is declared</u>	O 1 ID 1/2
TD508	310	Location Identifier Code which identifies a specific location	X 1 AN 1/30
TD509	731	Transit Direction Code <i>The point of origin and point of direction</i>	O 1 ID 2/2
TD510	732	Transit Time Direction Qualifier	O 1 ID 2/2

		<i>Code specifying the value of time used to measure the transit time</i>		
<i>TD511</i>	<i>733</i>	<i>Transit Time</i>	<i>X</i>	<i>1 R 1/4</i>
		<i>The numeric amount of transit time</i>		
<i>TD512</i>	<i>284</i>	<i>Service Level Code</i>	<i>X</i>	<i>1 ID 2/2</i>
		<i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>		
<i>TD513</i>	<i>284</i>	<i>Service Level Code</i>	<i>X</i>	<i>1 ID 2/2</i>
		<i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>		
<i>TD514</i>	<i>284</i>	<i>Service Level Code</i>	<i>O</i>	<i>1 ID 2/2</i>
		<i>Code indicating the level of transportation service or the billing service offered by the transportation carrier</i>		
<i>TD515</i>	<i>26</i>	<i>Country Code</i>	<i>O</i>	<i>1 ID 2/3</i>
		<i>Code identifying the country</i>		

Segment: **N1** Party Identification
Position: 3100
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: **Store/warehouse information can be found in the 816 Organizational Relationships Transaction Set.**

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party	M 1 ID 2/3
	N102	93 Name Free-form name	X 1 AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) UL Global Location Number (GLN) A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system This is the 13-digit Global Location Number (GLN). See External Code Source 583 in Section III for reference document.	X 1 ID 1/2
	N104	67 Identification Code Code identifying a party or other code This is the 13-digit corporate Wal-Mart global location number.	X 1 AN 2/80
	N105	706 Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3

Segment: **N1** Party Identification
Position: 3100
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BO Broker or Sales Office For a domestic purchase order, this is the manufacturer's sales office. For an import purchase order, this is the sales office that interacts with the manufacturer's/buyer's agent.	M 1 ID 2/3
	N102	93 Name Free-form name	X 1 AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
	N104	67 Identification Code Code identifying a party or other code This is the broker office number.	X 1 AN 2/80
	N105	706 Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3

Segment: **N1** Party Identification
Position: 3100
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: **This segment contains the supplier information.**

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From	M 1 ID 2/3
	N102	93 Name Free-form name	X 1 AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
	N104	67 Identification Code Code identifying a party or other code <u>This is the internal import vendor number.</u>	X 1 AN 2/80
	N105	706 Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3

Segment: N3 Party Location
Position: 3300
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	N301	166	Address Information Address information	M 1 AN 1/55
	N302	166	Address Information Address information	O 1 AN 1/55

Segment: **N4** Geographic Location
Position: 3400
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 is required.

Semantic Notes:
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.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O 1 AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
N404	26	Country Code Code identifying the country	X 1 ID 2/3
N405	309	<i>Location Qualifier</i> Code identifying type of location	X 1 ID 1/2
N406	310	<i>Location Identifier</i> Code which identifies a specific location	O 1 AN 1/30
N407	1715	<i>Country Subdivision Code</i> Code identifying the country subdivision	X 1 ID 1/3

Segment: **N1** Party Identification
Position: 3100
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: **This segment contains the ticket ship to information.**

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M 1 ID 2/3
		AE Additional Delivery Address	
	N102	93 Name Free-form name	X 1 AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X 1 ID 1/2
		92 Assigned by Buyer or Buyer's Agent	
	N104	67 Identification Code Code identifying a party or other code	X 1 AN 2/80
	N105	706 <i>Entity Relationship Code</i> <i>Code describing entity relationship</i>	O 1 ID 2/2
	N106	98 <i>Entity Identifier Code</i> <i>Code identifying an organizational entity, a physical location, property or an individual</i>	O 1 ID 2/3

Segment: N3 Party Location
Position: 3300
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M 1 AN 1/55
	N302	166	Address Information Address information	O 1 AN 1/55

Segment: **N4** Geographic Location
Position: 3400
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 is required.

Semantic Notes:
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.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O 1 AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
N404	26	Country Code Code identifying the country	X 1 ID 2/3
N405	309	<i>Location Qualifier</i> <i>Code identifying type of location</i>	X 1 ID 1/2
N406	310	<i>Location Identifier</i> <i>Code which identifies a specific location</i>	O 1 AN 1/30
N407	1715	<i>Country Subdivision Code</i> <i>Code identifying the country subdivision</i>	X 1 ID 1/3

Segment: **N1** Party Identification
Position: 3100
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: **This segment contains the factory information.**

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MF Manufacturer of Goods <u>Manufacturer of goods being supplied when supplier is not the manufacturer</u>	M 1 ID 2/3
	N102	93 Name Free-form name	X 1 AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
	N104	67 Identification Code Code identifying a party or other code	X 1 AN 2/80
	N105	706 Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3

Segment: N3 Party Location
Position: 3300
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M 1 AN 1/55
	N302	166	Address Information Address information	O 1 AN 1/55

Segment: **N4** Geographic Location
Position: 3400
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 is required.

Semantic Notes:
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.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O 1 AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
N404	26	Country Code Code identifying the country	X 1 ID 2/3
N405	309	<i>Location Qualifier</i> <i>Code identifying type of location</i>	X 1 ID 1/2
N406	310	<i>Location Identifier</i> <i>Code which identifies a specific location</i>	O 1 AN 1/30
N407	1715	<i>Country Subdivision Code</i> <i>Code identifying the country subdivision</i>	X 1 ID 1/3

Segment:	PO1 Baseline Item Data
Position:	0100
Loop:	PO1
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If PO103 is present, then PO102 is required. 2 If PO105 is present, then PO104 is required. 3 If either PO106 or PO107 is present, then the other is required. 4 If either PO108 or PO109 is present, then the other is required. 5 If either PO110 or PO111 is present, then the other is required. 6 If either PO112 or PO113 is present, then the other is required. 7 If either PO114 or PO115 is present, then the other is required. 8 If either PO116 or PO117 is present, then the other is required. 9 If either PO118 or PO119 is present, then the other is required. 10 If either PO120 or PO121 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required. 12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	1 PO102 is quantity ordered.
Comments:	<ol style="list-style-type: none"> 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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <u>Purchase Order Line Number</u>	O 1 AN 1/20
PO102	380	Quantity Numeric value of quantity	X 1 R 1/15
PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case	O 1 ID 2/2
PO104	212	<i>Unit Price</i> <i>Price per unit of product, service, commodity, etc.</i>	X 1 R 1/17
PO105	639	<i>Basis of Unit Price Code</i> <i>Code identifying the type of unit price for an item</i>	O 1 ID 2/2
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number	X 1 ID 2/2
PO107	234	Product/Service ID Identifying number for a product or service	X 1 AN 1/48
PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) UP UCC - 12	X 1 ID 2/2

Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

PO109	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
PO110	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		VN Vendor's (Seller's) Item Number			
PO111	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
PO112	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		C3 Classification			
		<u>This is used to indicate if the item has been pre-classified by Wal-Mart.</u>			
PO113	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
		<u>N No</u>			
		<u>Y Yes</u>			
PO114	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CA Case			
PO115	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
		<u>Case ID</u>			
PO116	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		OT Internal Number			
PO117	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
		<u>Wal-Mart internal shipping code</u>			
PO118	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		UK GTIN 14-digit Data Structure			
		Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
PO119	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
		<u>This is the product GTIN</u>			
PO120	235	<i>Product/Service ID Qualifier</i>	X	1	ID 2/2
		<i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>			
PO121	234	<i>Product/Service ID</i>	X	1	AN 1/48
		<i>Identifying number for a product or service</i>			
PO122	235	<i>Product/Service ID Qualifier</i>	X	1	ID 2/2
		<i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>			
PO123	234	<i>Product/Service ID</i>	X	1	AN 1/48

		<i>Identifying number for a product or service</i>		
<i>PO124</i>	<i>235</i>	<i>Product/Service ID Qualifier</i>	<i>X</i>	<i>1 ID 2/2</i>
		<i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>		
<i>PO125</i>	<i>234</i>	<i>Product/Service ID</i>	<i>X</i>	<i>1 AN 1/48</i>
		<i>Identifying number for a product or service</i>		

Segment: **CTP Pricing Information**

Position: 0400
Loop: PO1-CTP
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify pricing information

- Syntax Notes:**
- 1 If either CTP04 or CTP05 is present, then the other is required.
 - 2 If CTP06 is present, then CTP07 is required.
 - 3 If CTP09 is present, then CTP02 is required.
 - 4 If CTP10 is present, then CTP02 is required.
 - 5 If CTP11 is present, then CTP03 is required.

Semantic Notes:

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

Notes: **This segment contains the net first cost for the item**

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u> <u>Name</u>		
CTP01	687 <i>Class of Trade Code</i> <i>Code indicating class of trade</i>	O	1 ID 2/2
CTP02	236 Price Identifier Code Code identifying pricing specification FCP First Cost Price	X	1 ID 3/3
CTP03	212 Unit Price Price per unit of product, service, commodity, etc. <u>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".</u>	X	1 R 1/17
CTP04	380 <i>Quantity</i> <i>Numeric value of quantity</i>	X	1 R 1/15
CTP05	C001 <i>Composite Unit of Measure</i> <i>To identify a composite unit of measure (See Figures Appendix for examples of use)</i>	X	1
C00101	355 <i>Unit or Basis for Measurement Code</i> <i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>	M	ID 2/2
C00102	1018 <i>Exponent</i> <i>Power to which a unit is raised</i>	O	R 1/15
C00103	649 <i>Multiplier</i> <i>Value to be used as a multiplier to obtain a new value</i>	O	R 1/10
C00104	355 <i>Unit or Basis for Measurement Code</i> <i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>	O	ID 2/2
C00105	1018 <i>Exponent</i> <i>Power to which a unit is raised</i>	O	R 1/15
C00106	649 <i>Multiplier</i> <i>Value to be used as a multiplier to obtain a new value</i>	O	R 1/10
C00107	355 <i>Unit or Basis for Measurement Code</i> <i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>	O	ID 2/2
C00108	1018 <i>Exponent</i>	O	R 1/15

		<i>Power to which a unit is raised</i>		
C00109	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00111	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00112	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00114	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00115	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
CTP06	648	Price Multiplier Qualifier	O	1 ID 3/3
		<i>Code indicating the type of price multiplier</i>		
CTP07	649	Multiplier	X	1 R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
CTP08	782	Monetary Amount	O	1 R 1/18
		<i>Monetary amount</i>		
CTP09	639	Basis of Unit Price Code	O	1 ID 2/2
		<i>Code identifying the type of unit price for an item</i>		
CTP10	499	Condition Value	O	1 AN 1/10
		<i>Identifies rate restrictions or provisions</i>		
CTP11	289	Multiple Price Quantity	O	1 N0 1/2
		<i>Quantity of units for a given price, e.g., 3 for \$10.00</i>		

Segment:	CUR Currency
Position:	0430
Loop:	PO1-CTP
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.
Notes:	<u>This segment is used to specify the currency for the price identified in the previous CTP segment.</u>

Data Element Summary

Ref.	Data Element	Name	Attributes
M	CUR01	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M 1 ID 2/3
M	CUR02	100 Currency Code Code (Standard ISO) for country in whose currency the charges are specified <u>This is the ISO code for the currency.</u>	M 1 ID 3/3
	CUR03	280 Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	O 1 R 4/10
	CUR04	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3
	CUR05	100 Currency Code Code (Standard ISO) for country in whose currency the charges are specified	O 1 ID 3/3
	CUR06	669 Currency Market/Exchange Code Code identifying the market upon which the currency exchange rate is based	O 1 ID 3/3
	CUR07	374 Date/Time Qualifier Code specifying type of date or time, or both date and time	X 1 ID 3/3
	CUR08	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
	CUR09	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O 1 TM 4/8
	CUR10	374 Date/Time Qualifier	X 1 ID 3/3

			<i>Code specifying type of date or time, or both date and time</i>		
CUR11	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR12	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		
CUR13	374	Date/Time Qualifier		X	1 ID 3/3
			<i>Code specifying type of date or time, or both date and time</i>		
CUR14	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR15	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		
CUR16	374	Date/Time Qualifier		X	1 ID 3/3
			<i>Code specifying type of date or time, or both date and time</i>		
CUR17	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR18	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		
CUR19	374	Date/Time Qualifier		X	1 ID 3/3
			<i>Code specifying type of date or time, or both date and time</i>		
CUR20	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR21	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		

Segment: **CTP Pricing Information**
Position: 0400
Loop: PO1-CTP
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pricing information
Syntax Notes:

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

Semantic Notes:

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

Notes:

This segment contains the net first cost for the item for the currency listed in the following CUR segment

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP01	687	Class of Trade Code <i>Code indicating class of trade</i>	O 1 ID 2/2
CTP02	236	Price Identifier Code <i>Code identifying pricing specification</i> ALT Alternate Price	X 1 ID 3/3
CTP03	212	Unit Price <i>Price per unit of product, service, commodity, etc.</i>	X 1 R 1/17
<u>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".</u>			
CTP04	380	Quantity <i>Numeric value of quantity</i>	X 1 R 1/15
CTP05	C001	Composite Unit of Measure <i>To identify a composite unit of measure (See Figures Appendix for examples of use)</i>	X 1
C00101	355	Unit or Basis for Measurement Code <i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>	M ID 2/2
C00102	1018	Exponent <i>Power to which a unit is raised</i>	O R 1/15
C00103	649	Multiplier <i>Value to be used as a multiplier to obtain a new value</i>	O R 1/10
C00104	355	Unit or Basis for Measurement Code <i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>	O ID 2/2
C00105	1018	Exponent <i>Power to which a unit is raised</i>	O R 1/15
C00106	649	Multiplier <i>Value to be used as a multiplier to obtain a new value</i>	O R 1/10
C00107	355	Unit or Basis for Measurement Code <i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>	O ID 2/2
C00108	1018	Exponent	O R 1/15

		<i>Power to which a unit is raised</i>		
C00109	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00111	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00112	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00114	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00115	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
CTP06	648	Price Multiplier Qualifier	O	1 ID 3/3
		<i>Code indicating the type of price multiplier</i>		
CTP07	649	Multiplier	X	1 R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
CTP08	782	Monetary Amount	O	1 R 1/18
		<i>Monetary amount</i>		
CTP09	639	Basis of Unit Price Code	O	1 ID 2/2
		<i>Code identifying the type of unit price for an item</i>		
CTP10	499	Condition Value	O	1 AN 1/10
		<i>Identifies rate restrictions or provisions</i>		
CTP11	289	Multiple Price Quantity	O	1 N0 1/2
		<i>Quantity of units for a given price, e.g., 3 for \$10.00</i>		

Segment: **CUR** Currency
Position: 0430
Loop: PO1-CTP
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Notes: **This segment may be used to specify the currency for the price identified in the previous CTP segment.**

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
M	CUR01	98	Entity Identifier Code	M 1 ID 2/3	
			Code identifying an organizational entity, a physical location, property or an individual		
			BY Buying Party (Purchaser)		
M	CUR02	100	Currency Code	M 1 ID 3/3	
			Code (Standard ISO) for country in whose currency the charges are specified		
			<u>This is the ISO currency code.</u>		
	CUR03	280	Exchange Rate	O 1 R 4/10	
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
	CUR04	98	Entity Identifier Code	O 1 ID 2/3	
			Code identifying an organizational entity, a physical location, property or an individual		
	CUR05	100	Currency Code	O 1 ID 3/3	
			Code (Standard ISO) for country in whose currency the charges are specified		
	CUR06	669	Currency Market/Exchange Code	O 1 ID 3/3	
			Code identifying the market upon which the currency exchange rate is based		
	CUR07	374	Date/Time Qualifier	X 1 ID 3/3	
			Code specifying type of date or time, or both date and time		
	CUR08	373	Date	O 1 DT 8/8	
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
	CUR09	337	Time	O 1 TM 4/8	
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	CUR10	374	Date/Time Qualifier	X 1 ID 3/3	

			<i>Code specifying type of date or time, or both date and time</i>		
CUR11	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR12	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		
CUR13	374	Date/Time Qualifier		X	1 ID 3/3
			<i>Code specifying type of date or time, or both date and time</i>		
CUR14	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR15	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		
CUR16	374	Date/Time Qualifier		X	1 ID 3/3
			<i>Code specifying type of date or time, or both date and time</i>		
CUR17	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR18	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		
CUR19	374	Date/Time Qualifier		X	1 ID 3/3
			<i>Code specifying type of date or time, or both date and time</i>		
CUR20	373	Date		X	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
CUR21	337	Time		X	1 TM 4/8
			<i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>		

Segment: **PID** Product/Item Description

Position: 0500

Loop: PO1-PID

Level: Detail

Usage: Optional

Max Use: 1

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

Syntax Notes:

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

Semantic Notes:

- 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.

Data Element Summary

Ref.	Data Element	Name	Attributes		
			M	1	ID 1/1
M	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M	1	ID 1/1
The description will be found in PID05.					
	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O	1	ID 2/3
	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values	X	1	ID 2/2
	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic	X	1	AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content	X	1	AN 1/80
	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	1	ID 2/2
	PID07	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O	1	AN 1/15
	PID08	1073 Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O	1	ID 1/1
	PID09	819 Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	1	ID 2/3

Segment:	PO4 Item Physical Details
Position:	0900
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	<ol style="list-style-type: none"> 1 If either PO402 or PO403 is present, then the other is required. 2 If PO405 is present, then PO406 is required. 3 If either PO406 or PO407 is present, then the other is required. 4 If either PO408 or PO409 is present, then the other is required. 5 If PO410 is present, then PO413 is required. 6 If PO411 is present, then PO413 is required. 7 If PO412 is present, then PO413 is required. 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required. 9 If PO417 is present, then PO416 is required. 10 If PO418 is present, then PO404 is required.
Semantic Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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.
Notes:	<p><u>This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case.</u></p> <p><u>This segment can be used also to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.</u></p>

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO401	356	Pack	O 1 N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
PO402	357	Size	X 1 R 1/8
		Size of supplier units in pack	
PO403	355	Unit or Basis for Measurement Code	X 1 ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
PO404	103	Packaging Code	X 1 AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	
PO405	187	Weight Qualifier	O 1 ID 1/2
		Code defining the type of weight	
PO406	384	Gross Weight per Pack	X 1 R 1/9

		Numeric value of gross weight per pack		
PO407	355	Unit or Basis for Measurement Code	X	1 ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		KG Kilogram		
PO408	385	Gross Volume per Pack	X	1 R 1/9
		Numeric value of gross volume per pack		
PO409	355	Unit or Basis for Measurement Code	X	1 ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		CR Cubic Meter		
<i>PO410</i>	<i>82</i>	<i>Length</i>	<i>X</i>	<i>1 R 1/8</i>
		<i>Largest horizontal dimension of an object measured when the object is in the upright position</i>		
<i>PO411</i>	<i>189</i>	<i>Width</i>	<i>X</i>	<i>1 R 1/8</i>
		<i>Shorter measurement of the two horizontal dimensions measured with the object in the upright position</i>		
<i>PO412</i>	<i>65</i>	<i>Height</i>	<i>X</i>	<i>1 R 1/8</i>
		<i>Vertical dimension of an object measured when the object is in the upright position</i>		
<i>PO413</i>	<i>355</i>	<i>Unit or Basis for Measurement Code</i>	<i>X</i>	<i>1 ID 2/2</i>
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
PO414	810	Inner Pack	O	1 N0 1/6
		The number of eaches per inner container		
<i>PO415</i>	<i>752</i>	<i>Surface/Layer/Position Code</i>	<i>O</i>	<i>1 ID 2/2</i>
		<i>Code indicating the product surface, layer or position that is being described</i>		
<i>PO416</i>	<i>350</i>	<i>Assigned Identification</i>	<i>X</i>	<i>1 AN 1/20</i>
		<i>Alphanumeric characters assigned for differentiation within a transaction set</i>		
<i>PO417</i>	<i>350</i>	<i>Assigned Identification</i>	<i>O</i>	<i>1 AN 1/20</i>
		<i>Alphanumeric characters assigned for differentiation within a transaction set</i>		
<i>PO418</i>	<i>1470</i>	<i>Number</i>	<i>O</i>	<i>1 N0 1/9</i>
		<i>A generic number</i>		

Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)

Position: 2700

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.

2 If TD402 is present, then TD403 is required.

Semantic Notes: 1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Comments:

Notes: **This segment identifies when an item has been fumigated or if the item is a hazardous material needing special transport.**

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code Code specifying special transportation handling instructions HAZ Hazardous Cargo OFU Fumigation The additional service charge or order for a transportation carrier to fumigate a household goods shipment that is insect infested	X 1 ID 2/3
<i>TD402</i>	<i>208</i>	<i>Hazardous Material Code Qualifier</i> <i>Code which qualifies the Hazardous Material Class Code (209)</i>	<i>X 1 ID 1/1</i>
<i>TD403</i>	<i>209</i>	<i>Hazardous Material Class Code</i> <i>Code specifying the kind of hazard for a material</i>	<i>X 1 AN 1/4</i>
TD404	352	Description A free-form description to clarify the related data elements and their content <u>When TD401 is OFU, this is a combination of the date of fumigation and the fumigation method. When TD401 is HAZ, this is the special handling information.</u>	X 1 AN 1/80
<i>TD405</i>	<i>1073</i>	<i>Yes/No Condition or Response Code</i> <i>Code indicating a Yes or No condition or response</i>	<i>O 1 ID 1/1</i>

Segment: SCH Line Item Schedule

Position: 2950
Loop: PO1-SCH
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify the data for scheduling a specific line-item

- Syntax Notes:**
- 1 If SCH03 is present, then SCH04 is required.
 - 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
 - 3 If SCH09 is present, then SCH08 is required.
 - 4 If SCH10 is present, then SCH08 is required.

Semantic Notes: 1 SCH12 is the schedule identification.

Comments: 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SCH01	380	Quantity Numeric value of quantity	M 1 R 1/15
M	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case EA Each	M 1 ID 2/2
	SCH03	98	<i>Entity Identifier Code</i> <i>Code identifying an organizational entity, a physical location, property or an individual</i>	O 1 ID 2/3
	SCH04	93	<i>Name</i> <i>Free-form name</i>	X 1 AN 1/60
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 167 Most Recent Revision (or Initial Version)	M 1 ID 3/3
M	SCH06	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
	SCH07	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O 1 TM 4/8
	SCH08	374	<i>Date/Time Qualifier</i> <i>Code specifying type of date or time, or both date and time</i>	X 1 ID 3/3
	SCH09	373	<i>Date</i> <i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>	X 1 DT 8/8
	SCH10	337	<i>Time</i> <i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>	X 1 TM 4/8
	SCH11	326	Request Reference Number Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	O 1 AN 1/45
			Wal-Mart Distribution Purchase Order Number	
	SCH12	350	Assigned Identification	O 1 AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set
Wal-Mart Global Location Number (GLN) for the Wal-Mart distribution center.

Segment: N9 Extended Reference Information
Position: 3300
Loop: PO1-N9
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification CR Customer Reference Number	M 1 ID 2/3
	N902	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <u>Quote sheet number</u>	X 1 AN 1/50
	N903	369 Free-form Description Free-form descriptive text	X 1 AN 1/45
	N904	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
	N905	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X 1 TM 4/8
	N906	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O 1 ID 2/2
	N907	C040 Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
	C04001	128 Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
	C04002	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
	C04003	128 Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
	C04004	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50
	C04005	128 Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

C04006 127 *Reference Identification* X AN 1/50
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	SLN Subline Item Detail
Position:	4700
Loop:	PO1-SLN
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required. 7 If either SLN15 or SLN16 is present, then the other is required. 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 10 If either SLN21 or SLN22 is present, then the other is required. 11 If either SLN23 or SLN24 is present, then the other is required. 12 If either SLN25 or SLN26 is present, then the other is required. 13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of IDs. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<u>This loop will be repeated in the event that there are multiple customs declarations for an item.</u>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SLN01	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M 1 AN 1/20
	SLN02	350 <i>Assigned Identification</i> <i>Alphanumeric characters assigned for differentiation within a transaction set</i>	<i>O 1 AN 1/20</i>
M	SLN03	662 Relationship Code Code indicating the relationship between entities	M 1 ID 1/1
		O Information Only Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)	
	SLN04	380 <i>Quantity</i> <i>Numeric value of quantity</i>	<i>X 1 R 1/15</i>
	SLN05	C001 <i>Composite Unit of Measure</i> <i>To identify a composite unit of measure (See Figures Appendix for examples of use)</i>	<i>X 1</i>
	C00101	355 <i>Unit or Basis for Measurement Code</i> <i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>	<i>M ID 2/2</i>
	C00102	1018 <i>Exponent</i>	<i>O R 1/15</i>

		<i>Power to which a unit is raised</i>		
C00103	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00105	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00106	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00107	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00108	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00109	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00111	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00112	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
		<i>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</i>		
C00114	1018	Exponent	O	R 1/15
		<i>Power to which a unit is raised</i>		
C00115	649	Multiplier	O	R 1/10
		<i>Value to be used as a multiplier to obtain a new value</i>		
SLN06	212	Unit Price	X	1 R 1/17
		<i>Price per unit of product, service, commodity, etc.</i>		
SLN07	639	Basis of Unit Price Code	O	1 ID 2/2
		<i>Code identifying the type of unit price for an item</i>		
SLN08	662	Relationship Code	O	1 ID 1/1
		<i>Code indicating the relationship between entities</i>		
SLN09	235	Product/Service ID Qualifier	X	1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		ZZ Mutually Defined		
SLN10	234	Product/Service ID	X	1 AN 1/48
		Identifying number for a product or service		
		Tariff Number		
SLN11	235	Product/Service ID Qualifier	X	1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CH Country of Origin Code		
SLN12	234	Product/Service ID	X	1 AN 1/48
		Identifying number for a product or service		
SLN13	235	Product/Service ID Qualifier	X	1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

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SLN	Code	Description	Indicator	Version
SLN14	234	Product/Service ID Identifying number for a product or service	X	1 AN 1/48
<p><u>Programs Indicator</u> <u>NOTE: This code is not being used at this time, but is expected to be added before the next version upgrade. Suppliers will be notified when it is enabled.</u></p>				
SLN15	235	<i>Product/Service ID Qualifier</i> <i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>	X	1 ID 2/2
SLN16	234	<i>Product/Service ID</i> <i>Identifying number for a product or service</i>	X	1 AN 1/48
SLN17	235	<i>Product/Service ID Qualifier</i> <i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>	X	1 ID 2/2
SLN18	234	<i>Product/Service ID</i> <i>Identifying number for a product or service</i>	X	1 AN 1/48
SLN19	235	<i>Product/Service ID Qualifier</i> <i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>	X	1 ID 2/2
SLN20	234	<i>Product/Service ID</i> <i>Identifying number for a product or service</i>	X	1 AN 1/48
SLN21	235	<i>Product/Service ID Qualifier</i> <i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>	X	1 ID 2/2
SLN22	234	<i>Product/Service ID</i> <i>Identifying number for a product or service</i>	X	1 AN 1/48
SLN23	235	<i>Product/Service ID Qualifier</i> <i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>	X	1 ID 2/2
SLN24	234	<i>Product/Service ID</i> <i>Identifying number for a product or service</i>	X	1 AN 1/48
SLN25	235	<i>Product/Service ID Qualifier</i> <i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>	X	1 ID 2/2
SLN26	234	<i>Product/Service ID</i> <i>Identifying number for a product or service</i>	X	1 AN 1/48
SLN27	235	<i>Product/Service ID Qualifier</i> <i>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</i>	X	1 ID 2/2
SLN28	234	<i>Product/Service ID</i> <i>Identifying number for a product or service</i>	X	1 AN 1/48

Segment: **MTX** Text
Position: 4750
Loop: PO1-SLN
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:

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

Semantic Notes:

- 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.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MTX01	363	Note Reference Code <i>Code identifying the functional area or purpose for which the note applies</i>	O 1 ID 3/3
MTX02	1551	Textual Data To transmit large volumes of message text	X 1 AN 1/4096
MTX03	1551	Textual Data <i>To transmit large volumes of message text</i>	O 1 AN 1/4096
MTX04	934	Printer Carriage Control Code <i>A field to be used for the control of the line feed of the receiving printer</i>	X 1 ID 2/2
MTX05	1470	Number <i>A generic number</i>	O 1 N0 1/9
MTX06	819	Language Code <i>Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)</i>	O 1 ID 2/3

Segment: **N9** Extended Reference Information
Position: 5230
Loop: PO1-SLN-N9
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u> <u>Name</u>		
M	N901 128 Reference Identification Qualifier Code qualifying the Reference Identification 3R U.S. Customs Service (USCS) Binding Ruling Number	M	1 ID 2/3
	N902 127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	1 AN 1/50
	<i>N903</i> 369 <i>Free-form Description</i> <i>Free-form descriptive text</i>	X	1 AN 1/45
	<i>N904</i> 373 <i>Date</i> <i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>	O	1 DT 8/8
	<i>N905</i> 337 <i>Time</i> <i>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</i>	X	1 TM 4/8
	<i>N906</i> 623 <i>Time Code</i> <i>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow</i>	O	1 ID 2/2
	<i>N907</i> C040 <i>Reference Identifier</i> <i>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</i>	O	1
	C04001 128 <i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	M	ID 2/3
	C04002 127 <i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	M	AN 1/50
	C04003 128 <i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X	ID 2/3
	C04004 127 <i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X	AN 1/50
	C04005 128 <i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X	ID 2/3
	C04006 127 <i>Reference Identification</i>	X	AN 1/50

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

Segment: N9 Extended Reference Information
Position: 5230
Loop: PO1-SLN-N9
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N901	Reference Identification Qualifier Code qualifying the Reference Identification 87 Functional Category An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc	M 1 ID 2/3
	N902	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
	N903	Quota Category Free-form Description Free-form descriptive text	X 1 AN 1/45
	N904	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
	N905	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X 1 TM 4/8
	N906	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O 1 ID 2/2
	N907	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
	C04001	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
	C04002	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
	C04003	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
	C04004	Reference Identification Reference information as defined for a particular Transaction Set or as	X AN 1/50

C04005	128	<i>specified by the Reference Identification Qualifier Reference Identification Qualifier</i>	X	ID 2/3
C04006	127	<i>Code qualifying the Reference Identification Reference Identification</i>	X	AN 1/50
		<i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>		

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 5260
Loop: PO1-SLN-SAC
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, pro motion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC14 is present, then SAC13 is required.
 - 7 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 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. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 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.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SAC01	248 Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified C Charge	M 1 ID 1/1
	SAC02	1300 Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge A445 Anti-dumping Duty B787 Countervailing Duty B872 Customs Duty Regular ZZZZ Mutually Defined Wal-Mart Stores, Inc., requires this code be used in conjunction with the descriptive codes in SAC15.	X 1 ID 4/4
	SAC03	559 Agency Qualifier Code Code identifying the agency assigning the code values	X 1 ID 2/2
	SAC04	1301 Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge	X 1 AN 1/10

SAC05	610	Amount Monetary amount	O	1	N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 2 Item Net Cost	X	1	ID 1/1
SAC07	332	Percent, Decimal Format Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) <u>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".</u>	X	1	R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O	1	R 1/9
SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case CF Cubic Feet EA Each KG Kilogram	X	1	ID 2/2
SAC10	380	Quantity Numeric value of quantity	X	1	R 1/15
SAC11	380	Quantity Numeric value of quantity	O	1	R 1/15
SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 15 Information Only When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only	O	1	ID 2/2
SAC13	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <u>This is the classification value.</u>	X	1	AN 1/50
SAC14	770	Option Number A unique number identifying available promotion or allowance options when more than one is offered	O	1	AN 1/20
SAC15	352	Description A free-form description to clarify the related data elements and their content <u>GSP General System Preferences</u> <u>ISRAEL Products purchased from supplier in Israel</u> <u>NAFTA North American Free Trade Agreement</u> <u>PROTEST Items with protest filed with US customs for duty refunds</u> <u>QIZ Qualified Industrial Zone</u> <u>ROYALTY Dutiable royalty included in purchase order</u>	X	1	AN 1/80
SAC16	819	Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	1	ID 2/3

Segment: **CTT** Transaction Totals
Position: 0100
Loop: CTT
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref.	Data		Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	CTT01	354	Number of Line Items	M 1 N0 1/6
			Total number of line items in the transaction set	
			The number of PO1 segments present in the transaction set	
	CTT02	347	Hash Total	O 1 R 1/10
	CTT03	81	Weight	X 1 R 1/10
			Numeric value of weight	
	CTT04	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			KG Kilogram	
	CTT05	183	Volume	X 1 R 1/8
			Value of volumetric measure	
	CTT06	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			CR Cubic Meter	
	CTT07	352	<i>Description</i>	O 1 AN 1/80
			<i>A free-form description to clarify the related data elements and their content</i>	

Segment: **SE** Transaction Set Trailer
Position: 0300
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <u>This must be the same number as is in the ST segment (ST02) for the transaction set.</u>	M 1 AN 4/9

850 Purchase Order – ANSI X12 Introduction

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

850 Purchase Order – ANSI X12 Standards

Functional Group ID=**PO**

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BEG	Beginning Segment for Purchase Order	M	1		
	0400	CUR	Currency	O	1		
	0500	REF	Reference Information	O	>1		
	0600	PER	Administrative Communications Contact	O	3		
	0700	TAX	Tax Reference	O	>1		
	0800	FOB	F.O.B. Related Instructions	O	>1		
	0900	CTP	Pricing Information	O	>1		
	0950	PAM	Period Amount	O	10		
	1100	CSH	Sales Requirements	O	5		
	1150	TC2	Commodity	O	>1		
LOOP ID - SAC						25	
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	1250	CUR	Currency	O	1		
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	1400	DIS	Discount Detail	O	20		
	1450	INC	Installment Information	O	1		
	1500	DTM	Date/Time Reference	O	10		
	1800	LIN	Item Identification	O	5		n1
	1850	SI	Service Characteristic Identification	O	>1		
	1900	PID	Product/Item Description	O	200		
	2000	MEA	Measurements	O	40		
	2100	PWK	Paperwork	O	25		
	2200	PKG	Marking, Packaging, Loading	O	200		
	2300	TD1	Carrier Details (Quantity and Weight)	O	2		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
	2500	TD3	Carrier Details (Equipment)	O	12		
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
	2700	MAN	Marks and Numbers Information	O	10		
	2760	PCT	Percent Amounts	O	>1		
	2800	CTB	Restrictions/Conditions	O	5		
	2850	TXI	Tax Information	O	>1		
LOOP ID - LDT						>1	
	2855	LDT	Lead Time	O	1		
	2858	QTY	Quantity Information	O	>1		
	2860	MTX	Text	O	>1		
	2865	REF	Reference Information	O	>1		
LOOP ID - AMT						>1	
	2870	AMT	Monetary Amount Information	O	1		
	2890	REF	Reference Information	O	>1		
	2900	DTM	Date/Time Reference	O	1		

	2920	PCT	Percent Amounts	O	>1
	LOOP ID - FA1				>1
	2930	FA1	Type of Financial Accounting Data	O	1
M	2940	FA2	Accounting Data	M	>1
	LOOP ID - N9				1000
	2950	N9	Extended Reference Information	O	1
	2970	DTM	Date/Time Reference	O	>1
	3000	MTX	Text	O	>1
	3050	PWK	Paperwork	O	>1
	3080	EFI	Electronic Format Identification	O	>1
	LOOP ID - N1				200
	3100	N1	Party Identification	O	1
	3200	N2	Additional Name Information	O	2
	3250	IN2	Individual Name Structure Components	O	>1
	3300	N3	Party Location	O	2
	3400	N4	Geographic Location	O	>1
	3450	NX2	Location ID Component	O	>1
	3500	REF	Reference Information	O	12
	3600	PER	Administrative Communications Contact	O	>1
	3650	SI	Service Characteristic Identification	O	>1
	3700	FOB	F.O.B. Related Instructions	O	1
	3800	TD1	Carrier Details (Quantity and Weight)	O	2
	3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
	4000	TD3	Carrier Details (Equipment)	O	12
	4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
	4200	PKG	Marking, Packaging, Loading	O	200
	LOOP ID - LM				>1
	4300	LM	Code Source Information	O	1
M	4400	LQ	Industry Code Identification	M	>1
	LOOP ID - SPI				>1
	4500	SPI	Specification Identifier	O	1
	4600	REF	Reference Information	O	5
	4700	DTM	Date/Time Reference	O	5
	4800	MTX	Text	O	>1
	LOOP ID - N1				20
	4900	N1	Party Identification	O	1
	5000	N2	Additional Name Information	O	2
	5100	N3	Party Location	O	2
	5200	N4	Geographic Location	O	1
	5300	REF	Reference Information	O	20
	5400	G61	Contact	O	1
	5500	MTX	Text	O	>1
	LOOP ID - CBI				>1
	5600	CB1	Contract and Cost Accounting Standards Data	O	1
	5700	REF	Reference Information	O	20
	5800	DTM	Date/Time Reference	O	5
	5900	LDT	Lead Time	O	1
	6000	MTX	Text	O	>1

Pos.	Seg.	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - ADV			>1	
6100	ADV	Advertising Demographic Information	O	1		
6200	DTM	Date/Time Reference	O	>1		
6300	MTX	Text	O	>1		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data	M	1	n2
	0150	LIN	Item Identification	O	>1	
	0180	SI	Service Characteristic Identification	O	>1	
	0200	CUR	Currency	O	1	
	0250	CN1	Contract Information	O	1	
	0300	PO3	Additional Item Detail	O	25	
		LOOP ID - CTP			>1	
	0400	CTP	Pricing Information	O	1	
	0430	CUR	Currency	O	1	
	0450	PAM	Period Amount	O	10	
	0490	MEA	Measurements	O	40	
		LOOP ID - PID			1000	
	0500	PID	Product/Item Description	O	1	
	0600	MEA	Measurements	O	10	
	0700	PWK	Paperwork	O	25	
	0900	PO4	Item Physical Details	O	>1	
	1000	REF	Reference Information	O	>1	
	1100	PER	Administrative Communications Contact	O	3	
		LOOP ID - SAC			25	
	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1350	CUR	Currency	O	1	
	1370	CTP	Pricing Information	O	1	
	1400	IT8	Conditions of Sale	O	1	
	1420	CSH	Sales Requirements	O	>1	
	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
	1600	DIS	Discount Detail	O	20	
	1650	INC	Installment Information	O	1	
	1700	TAX	Tax Reference	O	>1	
	1800	FOB	F.O.B. Related Instructions	O	>1	
	1900	SDQ	Destination Quantity	O	500	
	2000	IT3	Additional Item Data	O	5	
	2100	DTM	Date/Time Reference	O	10	
	2350	TC2	Commodity	O	>1	
	2400	TD1	Carrier Details (Quantity and Weight)	O	1	
	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2600	TD3	Carrier Details (Equipment)	O	12	
	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2760	PCT	Percent Amounts	O	>1	
	2800	MAN	Marks and Numbers Information	O	10	
	2890	MTX	Text	O	>1	

	2900	SPI	Specification Identifier	O	>1	
	2910	TXI	Tax Information	O	>1	
	2920	CTB	Restrictions/Conditions	O	>1	
			LOOP ID - QTY		>1	
	2930	QTY	Quantity Information	O	1	
	2940	SI	Service Characteristic Identification	O	>1	
			LOOP ID - SCH		200	
	2950	SCH	Line Item Schedule	O	1	n3
	2960	TD1	Carrier Details (Quantity and Weight)	O	2	
	2970	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2980	TD3	Carrier Details (Equipment)	O	12	
	2990	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	3000	REF	Reference Information	O	>1	
			LOOP ID - PKG		200	
	3050	PKG	Marking, Packaging, Loading	O	1	
	3100	MEA	Measurements	O	>1	
	3200	LS	Loop Header	O	1	
			LOOP ID - LDT		>1	
	3210	LDT	Lead Time	O	1	
	3220	QTY	Quantity Information	O	>1	
	3230	MTX	Text	O	>1	
	3240	REF	Reference Information	O	3	
			LOOP ID - LM		>1	
M	3250	LM	Code Source Information	O	1	
	3260	LQ	Industry Code Identification	M	>1	
	3270	LE	Loop Trailer	O	1	
			LOOP ID - N9		1000	
	3300	N9	Extended Reference Information	O	1	
	3320	DTM	Date/Time Reference	O	>1	
	3350	MEA	Measurements	O	40	
	3400	MTX	Text	O	>1	
	3450	PWK	Paperwork	O	>1	
	3480	EFI	Electronic Format Identification	O	>1	
			LOOP ID - N1		200	
	3500	N1	Party Identification	O	1	
	3600	N2	Additional Name Information	O	2	
	3650	IN2	Individual Name Structure Components	O	>1	
	3700	N3	Party Location	O	2	
	3800	N4	Geographic Location	O	1	
	3830	QTY	Quantity Information	O	>1	
	3850	NX2	Location ID Component	O	>1	
	3900	REF	Reference Information	O	12	
	4000	PER	Administrative Communications Contact	O	3	
	4050	SI	Service Characteristic Identification	O	>1	
	4060	DTM	Date/Time Reference	O	1	
	4100	FOB	F.O.B. Related Instructions	O	1	
	4150	SCH	Line Item Schedule	O	200	
	4200	TD1	Carrier Details (Quantity and Weight)	O	2	
	4300	TD5	Carrier Details (Routing Sequence/Transit	O	12	

		Time)		
4400	TD3	Carrier Details (Equipment)	O	12
4500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
4600	PKG	Marking, Packaging, Loading	O	200
LOOP ID - LDT				>1
4620	LDT	Lead Time	O	1
4640	MAN	Marks and Numbers Information	O	10
4660	QTY	Quantity Information	O	5
4680	MTX	Text	O	>1
4690	REF	Reference Information	O	3
LOOP ID - SLN				1000
4700	SLN	Subline Item Detail	O	1
4750	MTX	Text	O	>1
4800	SI	Service Characteristic Identification	O	>1
4900	PID	Product/Item Description	O	1000
5000	PO3	Additional Item Detail	O	104
5025	MEA	Measurements	O	>1
5050	TC2	Commodity	O	>1
5130	ADV	Advertising Demographic Information	O	>1
5150	DTM	Date/Time Reference	O	10
5160	CTP	Pricing Information	O	25
5170	PAM	Period Amount	O	10
5180	PO4	Item Physical Details	O	1
5190	TAX	Tax Reference	O	3
LOOP ID - N9				>1
5230	N9	Extended Reference Information	O	1
5240	DTM	Date/Time Reference	O	>1
5250	MTX	Text	O	>1
LOOP ID - SAC				25
5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1
5270	CUR	Currency	O	1
5280	CTP	Pricing Information	O	1
LOOP ID - QTY				>1
5290	QTY	Quantity Information	O	1
5300	SI	Service Characteristic Identification	O	>1
LOOP ID - N1				10
5350	N1	Party Identification	O	1
5400	N2	Additional Name Information	O	2
5450	IN2	Individual Name Structure Components	O	>1
5500	N3	Party Location	O	2
5600	N4	Geographic Location	O	1
5700	NX2	Location ID Component	O	>1
5800	REF	Reference Information	O	12
5900	PER	Administrative Communications Contact	O	3
5950	SI	Service Characteristic Identification	O	>1
LOOP ID - AMT				>1
6000	AMT	Monetary Amount Information	O	1
6100	REF	Reference Information	O	>1
6120	PCT	Percent Amounts	O	>1

			LOOP ID - LM		>1
	6200	LM	Code Source Information	O	1
M	6300	LQ	Industry Code Identification	M	>1

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		n4
	0200	AMT	Monetary Amount Information	O	1		n5
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. 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.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

850 Purchase Order – VICS Introduction

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Notes:

A functional profile that describes the use of this transaction set for Canada follows this implementation guideline.

850 Purchase Order – VICS Guidelines

Functional Group ID=**PO**

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	ST	Transaction Set Header	M		1	
M	0200	BEG	Beginning Segment for Purchase Order	M		1	
	0400	CUR	Currency	O		1	
	0500	REF	Reference Information	O		>1	
	0600	PER	Administrative Communications Contact	O		3	
	0700	TAX	Tax Reference	O		>1	
	0800	FOB	F.O.B. Related Instructions	O		>1	
	1100	CSH	Sales Requirements	O		5	
	1150	TC2	Commodity	O		>1	
						25	
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O		1	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O		>1	
	1500	DTM	Date/Time Reference	O		10	
	1900	PID	Product/Item Description	O		200	
	2100	PWK	Paperwork	O		25	
	2200	PKG	Marking, Packaging, Loading	O		200	
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O		>1	
	2500	TD3	Carrier Details (Equipment)	O		12	
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O		5	
	2760	PCT	Percent Amounts	O		>1	
	2800	CTB	Restrictions/Conditions	O		5	
						1000	
	2950	N9	Extended Reference Information	O		1	
	3000	MTX	Text	O		>1	
	3080	EFI	Electronic Format Identification	O		>1	
						200	
	3100	N1	Party Identification	O		1	
	3200	N2	Additional Name Information	O		2	
	3300	N3	Party Location	O		2	
	3400	N4	Geographic Location	O		>1	
	3500	REF	Reference Information	O		12	
	3600	PER	Administrative Communications Contact	O		>1	
	4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O		5	

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						100000	
M	0100	PO1	Baseline Item Data	M		1	n1
						>1	

0400	CTP	Pricing Information	O	1
0430	CUR	Currency	O	1
0490	MEA	Measurements	O	40
LOOP ID - PID				1000
0500	PID	Product/Item Description	O	1
0600	MEA	Measurements	O	10
0700	PWK	Paperwork	O	25
0900	PO4	Item Physical Details	O	>1
1000	REF	Reference Information	O	>1
LOOP ID - SAC				25
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1
1350	CUR	Currency	O	1
1370	CTP	Pricing Information	O	1
1500	ITD	Terms of Sale/Deferred Terms of Sale	O	2
1900	SDQ	Destination Quantity	O	500
2100	DTM	Date/Time Reference	O	10
2350	TC2	Commodity	O	>1
2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
LOOP ID - PKG				200
3050	PKG	Marking, Packaging, Loading	O	1
LOOP ID - N9				1000
3300	N9	Extended Reference Information	O	1
3480	EFI	Electronic Format Identification	O	>1
LOOP ID - N1				200
3500	N1	Party Identification	O	1
3600	N2	Additional Name Information	O	2
3700	N3	Party Location	O	2
3800	N4	Geographic Location	O	1
3900	REF	Reference Information	O	12
4000	PER	Administrative Communications Contact	O	3
4060	DTM	Date/Time Reference	O	1
4500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
LOOP ID - SLN				1000
4700	SLN	Subline Item Detail	O	1
4900	PID	Product/Item Description	O	1000
5050	TC2	Commodity	O	>1
5160	CTP	Pricing Information	O	25
5180	PO4	Item Physical Details	O	1
LOOP ID - SAC				25
5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1
5270	CUR	Currency	O	1
5280	CTP	Pricing Information	O	1

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - CTT					1	
0100	CTT	Transaction Totals	O	1		n2

	0200	AMT	Monetary Amount Information	O	1	n3
M	0300	SE	Transaction Set Trailer	M	1	

Transaction Set 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 AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Conventions used in these guidelines

1. Every data element on each segment is listed in the Data Element Summary section of the segment documentation, including unused Elements.
2. Every data element has the ANSI X12 data element ID noted.
3. Every data element has the ANSI X12 data element title noted.
4. Every data element has the ANSI X12 data element attributes noted:
 - 4.1. Data element requirement designation
 - 4.1.1. **Mandatory** (M) This element is required to appear in the segment.
 - 4.1.2. **Optional** (O) The appearance of this data element is at the option of the sending party or is based on the mutual agreement of the interchange parties.
 - 4.1.3. **Relational** (X) Relational conditions may exist between two or more data elements within a segment based on the presence or absence of one of those data elements. The relational condition is displayed under the heading "Syntax Notes."
 - 4.2. Data element type
 - 4.2.1. **Numeric** (Nn) — The numeric type of data element is symbolized by the two-position representation Nn. N indicates a numeric, and n indicates the decimal places to the right of a fixed, implied decimal point. The decimal point is not transmitted in the character stream. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted. Leading zeros should be suppressed unless necessary to satisfy a minimum length requirement. The length of the data element is the number of digits used. The minus sign (-) is not counted when determining the length of the data element value.
 - 4.2.2. **Decimal Number** (R) — The decimal type of data element is symbolized by the representation R. The decimal point is optional for integer values, but required for fractional values. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted. Leading zeros should be suppressed unless necessary to satisfy a minimum length requirement. The minus sign and the decimal point are not counted when determining the length of the data element value.
 - 4.2.3. **Identifier** (ID) — The identifier type of data element is symbolized by the representation ID. An identifier data element must always contain a value from a predefined list of values that is maintained by ASC X12 or other bodies that are recognized by ASC X12. The value is left justified. Trailing spaces should be suppressed.
 - 4.2.4. **String** (AN) — The string type of data element is symbolized by the representation AN. Contents of string type data elements are a sequence of any letters, digits, spaces, and/or special characters and contain at least one non-space character. The significant characters must be left justified. Leading spaces, if used, are assumed to be significant characters. Trailing spaces should be suppressed.
 - 4.2.5. **Date** (DT) — The date type of data element is symbolized by the representation DT. Format for the date type is CCYYMMDD. CC is the two digit Century (00-99). YY is the last two digits of the year (00-99), MM is the numeric value of the month (01-12), and DD is the numeric value of the day (01-31).
 - 4.2.6. **Time** (TM) — The time type is symbolized by the representation TM. Format for this type is expressed in 24-hour clock format, HHMMSSd.d. HH is the numeric expression of the hour (00-23), MM is the numeric expression of the minute (00-59), SS is the numeric expression of the second (00-59), and d.d is the numeric expression of decimal seconds.
 - 4.3. Data element length (minimum/maximum)
5. Data elements utilized by Wal-Mart applications are noted in **bold** type.
6. Data elements ignored by Wal-Mart application are noted in *italicized type*.
7. Every data element utilized by Wal-Mart applications has the ANSI X12 data element purpose noted.
8. ID-type data elements have the list of utilized values noted.
9. **Industry comments relating to segments and data elements are noted in bold text with a shaded background.**
10. **Wal-Mart comments relating to segments and data elements are noted in underlined bold text with a shaded background.**

Example of Conventions

Segment: **N1** Name
Position: 0400
Loop: N1
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: **There must be at least one occurrence of the N1 segment in the header area to identify the sender of the transaction in text or coded format.** _____ 9
This segment will always identify Wal-Mart Stores, Inc. as the sender of the document _____ 10

		Data Element Summary			
	Ref. Des.	Data Element	Name	Attributes	
1	M	N101	98	Entity Identifier Code	8
2				Code identifying an organizational entity, a physical location, property or an individual	
3		N102	93	FR Name	Message From
		N103	66	Identification Code Qualifier	X ID 1/2
				Code designating the system/method of code structure used for Identification Code (67)	
			UL	UCC/EAN Location Code	7
				A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system	
5		N104	67	Identification Code	X AN 2/80
				Code identifying a party or other code	
1		N105	706	Entity Relationship Code	O ID 2/2
				Code describing entity relationship	
6		N106	98	Entity Identifier Code	O ID 2/3
				Code identifying an organizational entity, a physical location, property or an individual	

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<u>Segment/Element</u>	<u>Position</u>	<u>Data Element</u>	<u>Change</u>	<u>Qualifier</u>
CTP	H0400	98, 100	Added Segment	ALT
CUR	H0430	236,212	Added Segment	BY
TD4	H2700	152,352	Added Segment	HAZ,OFU

Change History

Date	Version	Description of Changes
November, 2004	0.1	Draft Version Published
January, 2005	0.2	Draft Version Released
January, 2005	1.0	Production Guide Released