

Wal-Mart Stores, Inc.
Electronic Data Interchange Implementation Guideline
ANSI X12 Version 5010 (VICS)

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850 Purchase Order

Business Usage:
Wal-Mart Replenishment
Store, Warehouse, Sam's and Grocery

EDI Direction: From Wal-Mart

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

Functional Acknowledgement

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

Business Changes

Support for the Global Trade Item Number (GTIN) has been added in version 5010. The GTIN will be sent in the PO1 Segment and the SLN Segment (where applicable), and will be preceded by a “UK” qualifier. All GTIN’s will be sent using the UCC-14 format (Right Justified and zero padded to 13 characters, plus 1 check digit at the end). This will ensure that the GTIN is a globally unique number. In the Purchase Order, the GTIN that will be sent will be for the item level only. The Item UPC Code (non GTIN formatted) will continue to be sent in version 5010 as well. It will continue to be sent in the UCC-12 format.

Order Types

Wal-Mart will send one of the following types of Purchase Orders:

Basic:

Basic orders are used when a quantity of product is ordered without specific mention of which store location is to ultimately receive the merchandise. The entire lot is shipped to a distribution facility and will be distributed to the various stores as needed. A Basic Purchase Order can be identified by an occurrence of a header level N1 segment with a “BY” qualifier in N101 to specify the buying party, and the absence of an SDQ segment in the Detail Section of the Order. The N1 Segment will identify the distribution facility location issued in the GLN format.

Spreadsheet:

Spreadsheet Orders are those in which the product is ordered for multiple store locations and shipped directly to those store locations. A Spreadsheet Purchase Order can be identified by an occurrence of a header level N1 segment with a “FR” qualifier in N101, and the presence of an SDQ segment found in the Detail section of the Purchase Order that specifies the various Store Numbers in the GLN format.

Cross-Dock:

Cross-Dock orders are used when the product ordered is pre-sorted by the vendor by store location, but shipped to a distribution facility rather than to the store location. A Cross-Dock Purchase Order can be identified by having an N1 Segment with ST in N101 and the SDQ Segment listing the store locations in the detail.

Pack/Inner Pack Usage:

The PO4 Segment is used to transmit information about the packaging of the product being ordered. Two levels of packaging may be specified. PO401 (Data Element 356) is used to transmit the Pack, and PO414 (Data Element 810) is used to transmit the Inner Pack if needed. The first level, specified using PO401 - Pack, may be actual items, e.g., consumer units, or may be the number of smaller containers within the case. The second level, specified using PO414, is the number of eaches in each inner container when PO401 is the number of smaller containers within the case. PO414 will only be used when inner packs are actually present.

Payment Terms Based on an Effective Date

When the payment terms specified are based on an effective date, there will be a code of “7” in the ITD02 data element. There will also be a DTM segment sent with “007” in the DTM01 element. If the Payment Terms in the ITD segment are not based on an effective date, there will be no DTM01 with “007” sent.

Must Arrive By Date

For suppliers who participate in the “Must Arrive By Date” program, the dates will be different, and the DTM01 qualifiers will be different than for suppliers who do not.

“Must Arrive By Date” suppliers will receive the following dates: 037 (Ship Not Before), 038 (Ship No Later), and 063 (Do Not Deliver After).

Suppliers who have not yet converted to “Must Arrive By Date” will receive the following dates: 001 (Cancel After), and 010 (Requested Ship).

Any additional dates that are not listed here are not affected by “Must Arrive By Date”, and will be sent as appropriate.

Booking Orders / Allocation Orders

Booking orders are purchase orders used to plan for goods that are for purchase at a later date. Booking orders can be identified by the appearance of code “BE” (Blanket Order/Estimated Quantities) in BEG02.

In order to allocate goods that have previously been ordered with a booking order, an allocation order will be generated. This order will have a “RL” (Release or Delivery Order) in BEG02.

Two-Tier Orders

Suppliers who participate in the two-tier program will receive orders with two-tier information on them. These orders will have a REF segment with “PD” (Promotion/Deal Number) in REF01 and “2-TIER” in REF02. In addition, two-tier orders will include a REF segment with “AN” (Associated Purchase Orders) in REF01 and truck and vendor pool information in REF02.

850 Purchase Order – Wal-Mart Stores, Inc. Implementation

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		
	0800	FOB	F.O.B. Related Instructions	O	>1		
LOOP ID - SAC						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		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
LOOP ID - N9						1000	
	2950	N9	Extended Reference Information	O	1		
	3000	MTX	Text	O	>1		
LOOP ID - N1						200	
	3100	N1	Party Identification - Wal-Mart Store Identification	O	1		
	3300	N3	Party Location	O	2		
	3400	N4	Geographic Location	O	>1		
	3600	PER	Administrative Communications Contact	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
	0900	PO4	Item Physical Details	O	>1		
LOOP ID - SAC						25	
	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	1900	SDQ	Destination Quantity	O	500		
LOOP ID - N9						1000	
	3300	N9	Extended Reference Information	O	1		
	3400	MTX	Text	O	>1		
LOOP ID - SLN						1000	
	4700	SLN	Subline Item Detail	O	1		
LOOP ID - AMT						>1	
	6000	AMT	Monetary Amount 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		

Wal-Mart Business Example – Basic Booking Order

This example is given to demonstrate the use of a Booking Order (or Blanket Order) to request that items be produced or inventoried for future allocation. Items that are unique to this type of PO are shaded.

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*BE*0001475891**20050202	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. BE is the Purchase Order Type Code . “BE” indicates “Blanket Order/Estimated Quantities (Not firm Commitment)”. 0001475891 is the Purchase Order Number . 20050202 is the Purchase Order Date .
CUR*BY*USD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. USD is the Currency Code . “USD” indicates “U.S. Dollars”.
REF*DP*00026	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00026 is the Reference Identification .
REF*MR*0010	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”. 0010 is the Reference Identification .
REF*PD*INITST	PD is the Reference Identification Qualifier . “PD” indicates “Promotion/Deal Number”. INITST is the Description .
REF*IA*123456260	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456260 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*CC*OR*GARDENA CA/LOS ANGELES CA	CC is the Shipment Method of Payment . “CC” indicates “Collect”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. GARDENA CA/LOS ANGELES CA is the Description and represents the Name of transportation responsibility location.
ITD*08*15*2**15**30	08 is the Terms Type Code . “08” indicates “Basic Discount Offered”. 15 is the Terms Basis Date Code . “15” indicates “Receipt of Goods”. 2 is the Terms Discount Percent . “2” indicates a 2% discount if an invoice is paid on or before the terms discount due date. 15 is the Terms Discount Days Due . The discount will apply if an invoice is paid on or before the 15 th day after the Receipt of Goods. 30 is the Terms Net Days . The Invoice will be due 30 days after the Receipt of Goods.
DTM*037*20050528	037 is the Date/Time Qualifier . “037” indicates “Ship Not Before”. 20050528 is the Date .

DTM*038*20050530	038 is the Date/Time Qualifier . “038” indicates “Ship No Later”. 20050530 is the Date .
DTM*063*20050601	063 is the Date/Time Qualifier . “063” indicates “Do Not Deliver After”. 20050601 is the Date .
PID*S*08*VI* FL	S is the Item Description Type . “S” indicates “Structured (From Industry Code List)”. 08 is the Product/Process Characteristic Code . “08” indicates “Product”. VI is the Agency Qualifier Code . “VI” indicates “Voluntary Inter-Industry Commerce Standard (VICS) EDI”. FL is the Product Description Code . “FL” indicates “Compliant with Fair Labor Standards Act”.
TD5*O****CALL 5012736359	O is the Routing Sequence Code . “O” indicates “Origin Carrier (Air, Motor, or Ocean)”. CALL 5012736359 is the Routing . This indicates to call this phone number for routing instructions.
N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier . “L1” represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**SUPPLIER TO PRINT TICKETS THIS ORDER WILL BE SPLIT	SUPPLIER TO PRINT TICKETS THIS ORDER WILL BE SPLIT is the Free-Form Message Text .
N1*BY*WAL-MART STORES*UL*0078742034157	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. WAL-MART STORES is the Name . UL is the Identification Code Qualifier . “UL” indicates a Global Location Number (GLN). 0078742034157 is the Identification Code .
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code . “SU” indicates “Supplier/Manufacturer”. SUPPLIER NAME is the Name .
PO1*001*2000*EA*150**IN*002677881*UP*022108955228*VN*5555*****UK* 00022108955228	001 is the Assignment Identification . It contains the PO Line Number. 2000 is the Quantity Ordered . EA is the Unit or Basis for Measurement Code . “EA” indicates “Eaches”. 150 is the Unit Price . This indicates the price of 150.00. IN is the Product/Service ID Qualifier . “IN” indicates “Buyer’s Item Number”. 002677881 is the Product/Service ID . UP is the Product/Service ID Qualifier . “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”. 022108955228 is the Product/Service ID . VN is the Product/Service ID Qualifier . “VN” indicates “Vendor (Seller’s) Item Number.”. 55555 is the Product/Service ID . UK is the Product/Service ID Qualifier . “UK” indicates “GTIN 14-digit Data Structure”. 00022108955228 is the GTIN formatted in 14-digit structure.
PO4*1	1 is the Pack . In this example, it represents the number of packs to a case.

AMT*1*300000	1 is the Amount Qualifier Code . “1” indicates “Line Item Total”. 300000 is the Monetary Amount .
CTT*1	1 is the Number of Line Items .
AMT*GV*300000	GV is the Amount Qualifier Code . “GV” indicates “Gross Value”. 300000 is the Monetary Amount .
SE*24*0001	24 is the Number of Included Segments . 0001 is the Transaction Set Control Number . This is the same control number as in the ST02, identifying the transaction set.

Wal-Mart Business Example – Basic Allocation of a Booking Order

This example is given to demonstrate the use of an Allocation Order (or Release Order) to request that items that were previously ordered under a booking order be sent to a specific distribution center. Items that are unique to this type of PO are shaded.

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*RL*0001475891*0001568791*20050202	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. RL is the Purchase Order Type Code . “RL” indicates “Release or Delivery Order”. 0001475891 is the Purchase Order Number (Referencing the booking purchase order). 0001568791 is the Release Number (Referencing the allocation purchase order). 20050202 is the Purchase Order Date .
CUR*BY*USD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. USD is the Currency Code . “USD” indicates “U.S. Dollars”.
REF*DP*00026	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00026 is the Reference Identification .
REF*MR*0010	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”. 0010 is the Reference Identification .
REF*PD*WPMREP	PD is the Reference Identification Qualifier . “PD” indicates “Promotion/Deal Number”. WPMREP is the Reference Identification .
REF*IA*123456260	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456260 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*CC*OR*CERRITOS CA	CC is the Shipment Method of Payment . “CC” indicates “Collect”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. CERRITOS CA is the Description and represents the Name of transportation responsibility location.

SAC*A*C000***112500*6*.5*****02	<p>A is the Allowance or Charge Indicator. “A” indicates “Allowance”.</p> <p>C000 is the Service, Promotion, Allowance, or Charge Code. “C000” indicates “Defective Allowance”.</p> <p>112500 is the Amount (This number is formatted as N2 which means an implied decimal with 2 decimal positions. Therefore, this number should be read as 1125.00).</p> <p>6 is the Allowance/Charge Percent Qualifier. “6” indicates that the percentage is based on “Base Price Amount”.</p> <p>.5 is the Percent.</p> <p>02 is the Allowance or Charge Method of Handling Code. “02” indicates “Off Invoice”.</p>
SAC*A*I570***225000*6*1*****02	<p>A is the Allowance or Charge Indicator. “A” indicates “Allowance”.</p> <p>I570 is the Service, Promotion, Allowance, or Charge Code. “I570” indicates “Warehouse”.</p> <p>225000 is the Amount (This number is formatted as N2 which means an implied decimal with 2 decimal positions. Therefore, this number should be read as 2250.00).</p> <p>6 is the Allowance/Charge Percent Qualifier. “6” indicates that the percentage is based on “Base Price Amount”.</p> <p>1 is the Percent.</p> <p>02 is the Allowance or Charge Method of Handling Code. “02” indicates “Off Invoice”.</p>
ITD*08*15*2**15**30	<p>08 is the Terms Type Code. “08” indicates “Basic Discount Offered”.</p> <p>15 is the Terms Basis Date Code. “15” indicates “Receipt of Goods”.</p> <p>2 is the Terms Discount Percent. “2” indicates a 2% discount if an invoice is paid on or before the terms discount due date.</p> <p>15 is the Terms Discount Days Due. The discount will apply if an invoice is paid on or before the 15th day after the Receipt of Goods.</p> <p>30 is the Terms Net Days. The Invoice will be due 30 days after the Receipt of Goods.</p>
DTM*037*20050528	<p>037 is the Date/Time Qualifier. “037” indicates “Ship Not Before”.</p> <p>20050528 is the Date.</p>
DTM*038*20050530	<p>038 is the Date/Time Qualifier. “038” indicates “Ship No Later”.</p> <p>20050530 is the Date.</p>
DTM*063*20050601	<p>063 is the Date/Time Qualifier. “063” indicates “Do Not Deliver After”.</p> <p>20050601 is the Date.</p>
PID*S*08*VI*FL	<p>S is the Item Description Type. “S” indicates “Structured (From Industry Code List)”.</p> <p>08 is the Product/Process Characteristic Code. “08” indicates “Product”.</p> <p>VI is the Agency Qualifier Code. “VI” indicates “Voluntary Inter-Industry Commerce Standard (VICS) EDI”.</p> <p>FL is the Product Description Code. “FL” indicates “Compliant with Fair Labor Standards Act”.</p>

TD5*O****CALL5012734300#	O is the Routing Sequence Code . “O” indicates “Origin Carrier (Air, Motor, or Ocean)”. CALL5012734300# . is the Routing . This indicates to call this phone number for routing instructions
N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier . “L1” represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**VENDOR TO PRINT	VENDOR TO PRINT is the Free-Form Message Text .
N1*BY*WAL-MART DC 6014R-REGULAR*UL*0078742028927	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. WAL-MART DC 6014R-REGULAR is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742028927 is the Identification Code GLN Number.
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code . “SU” indicates “Supplier Name”. SUPPLIER NAME is the Name .
PO1*001*1500*EA*150**IN*002677881*UP*022108955228*VN*55555*****UK* 00022108955228	001 is the Assignment Identification . It contains the PO Line Number. 1500 is the Quantity Ordered . EA is the Unit or Basis for Measurement Code . “EA” indicates “Eaches”. 150 is the Unit Price . IN is the Product/Service ID Qualifier . “IN” indicates “Buyer’s Item Number”. 002677881 is the Product/Service ID . UP is the Product/Service ID Qualifier . “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”. 022108955228 is the Product/Service ID . VN is the Product/Service ID Qualifier . “VN” indicates Vendor (Seller’s) Item Number. 55555 is the Product/Service ID . UK is the Product/Service ID Qualifier . “UK” indicates “Global Trade Item Number (GTIN)”. 00022108955228 is the Product/Service ID .
PO4*1	1 is the Pack . In this example, it represents the number of packs to a case.
AMT*1*225000	1 is the Amount Qualifier Code . “1” indicates “Line Item Total”. 225000 is the Monetary Amount .
CTT*1	1 is the Number of Line Items.
AMT*GV*225000	GV is the Amount Qualifier Code . “GV” indicates “Total Transaction Amount”. 225000 is the Monetary Amount .
SE*26*0001	26 is the Number of Included Segments . 0001 is the Transaction Set Control Number . This is the same control number as in the ST02, identifying the transaction set.

Wal-Mart Business Example - US Store (Spreadsheet)

Purchase Order

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*SA*3376103367**20050131	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. SA is the Purchase Order Type Code . “SA” indicates “Stand-alone Order”. 3376103367 is the Purchase Order Number . (Sequential PO Number). 20050131 is the Purchase Order Date .
CUR*BY*USD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. USD is the Currency Code . “USD” indicates “U.S. Dollars”.
REF*DP*00001	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00001 is the Reference Identification .
REF*MR*0037	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”; Wal-Mart uses this code to designate “Order Type”. 0037 is the Reference Identification .
REF*IA*123456010	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456010 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*CC*OR*EAST GREENWICH RI	CC is the Shipment Method of Payment . “CC” indicates “Collect”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. EAST GREENWICH RI is the Description and represents the Name of transportation responsibility location.
SAC*A*C000***1041*6*.5*****02	A is the Allowance or Charge Indicator . “A” indicates “Allowance”. C000 is the Service, Promotion, Allowance, or Charge Code . “C000” indicates “Defective Allowance”. 1041 is the Amount (This number is formatted as N2 which means an implied decimal with 2 decimal positions). 6 is the Allowance/Charge Percent Qualifier . “6” indicates that the percentage is based on “Base Price Amount”. .5 is the Percent . 02 is the Allowance or Charge Method of Handling Code . “02” indicates “Off Invoice”.
ITD*08*15*2**40**55	08 is the Terms Type Code . “08” indicates “Basic Discount Offered”. 15 is the Terms Basis Date Code . “15” indicates “Receipt of Goods”. 2 is the Terms Discount Percent . 40 is the Terms Discount Days Due . 55 is the Terms Net Days .

DTM*037*20050528	037 is the Date/Time Qualifier . “037” indicates “Ship Not Before”. 20050528 is the Date .
DTM*038*20050530	038 is the Date/Time Qualifier . “038” indicates “Ship No Later”. 20050530 is the Date .
DTM*063*20050601	063 is the Date/Time Qualifier . “063” indicates “Do Not Deliver After”. 20050601 is the Date .
PID*S*08*VI*FL	S is the Item Description Type . “S” indicates Structured (From Industry Code List). 08 is Product/Process Characteristic Code . “08” indicates Product. VI is Agency Qualifier Code . “VI” indicates Voluntary Inter-Industry Commerce Standard (VICS) EDI. FL is the Product Description Code . “FL” indicates Compliant with Fair Labor Standards Act.
TD5*O****CALL5012734300 #	O is the Routing Sequence Code . “O” indicates “Origin Carrier (Air, Motor, or Ocean)”. CALL5012734300 # is the Routing .
N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier . “L1” represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**NO PRETICKET	NO PRETICKET is the Free-Form Message Text .
N1*FR*WAL-MART STORES, INC.	FR is the Entity Identifier Code . “FR” indicates “Message From”. WAL-MART STORES, INC. is the Name .
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code . “SU” indicates “Supplier/Manufacturer”. SUPPLIER NAME is the Name .
PO1*001*180*EA*11.57*LE*IN*000196535*UP*022108955228*VN*NL5555*****UK* 00022108955228	001 is the Assignment Identification . It contains the PO Line Number. 180 is the Quantity Ordered . EA is the Unit or Basis for Measurement Code . “EA” indicates “Eaches”. 11.57 is the Unit Price . LE is the Basis of Unit Price Code . “LE” indicates “Catalog Price per Each”. IN is the Product/Service ID Qualifier . “IN” indicates “Buyer’s Item Number”. 000196535 is the Product/Service ID . UP is the Product/Service ID Qualifier . “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”. 022108955228 is the Product/Service ID . VN is the Product/Service ID Qualifier . “VN” indicates Vendor (Seller’s) Item Number. NL55555 is the Product/Service ID . UK is the Product/Service ID Qualifier . “UK” indicates “Global Trade Item Number (GTIN)”. 00022108955228 is the Product/Service ID .
PO4*1	1 is the Pack . In this example, it represents the number of packs to a case.

SDQ*EA*UL*0078742004617*50*0078742001272*30*0078742001364*50*0078742001609*50	EA is the Unit or Basis for Measurement Code . “EA” indicates Each. UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742004617 is the Identification Code . 50 is the Quantity . 0078742001272 is the Identification Code . 30 is the Quantity . 0078742001364 is the Identification Code . 50 is the Quantity . 0078742001609 is the Identification Code . 50 is the Quantity .
AMT*1*2082.60	1 is the Amount Qualifier Code . “1” indicates “Line Item Total”. 2082.60 is the Monetary Amount .
CTT*1	1 is the Number of Line Items .
AMT*GV*2082.60	GV is the Amount Qualifier Code . “GV” indicates “Gross Value”. 2082.60 is the Monetary Amount .
SE*25*0001	25 is the Number of Included Segments . 0001 is the Transaction Set Control Number . This is the same control number as in the ST02, identifying the transaction set.

Wal-Mart Business Example - New Store, No Charge (Spreadsheet) Order

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*SA*3376103367**20050131	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. SA is the Purchase Order Type Code . “SA” indicates “Stand-alone Order”. 3376103367 is the Purchase Order Number . (Sequential PO Number). 20050131 is the Purchase Order Date .
CUR*BY*CAD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. CAD is the Currency Code . “CAD” indicates “Canadian Dollar”. (This example was created for Canada. Could be for any country).
REF*DP*00001	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00001 is the Reference Identification .
REF*MR*0067	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”; Wal-Mart uses this code to designate “Order Type”. 0067 is the Reference Identification .
REF*IA*123456010	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456010 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*CC*OR*PORT OF HOUSTON	CC is the Shipment Method of Payment . “CC” indicates “Collect”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. PORT OF HOUSTON is Description and represents the Name of transportation responsibility location.
ITD*05*15*****45	05 is the Terms Type Code . “05” indicates “Discount Not Applicable”. 15 is the Terms Basis Date Code . “15” indicates “Receipt of Goods”. 45 is the Terms Net Days .
DTM*037*20050528	037 is the Date/Time Qualifier . “037” indicates “Ship Not Before”. 20050528 is the Date .
DTM*038*20050530	038 is the Date/Time Qualifier . “038” indicates “Ship No Later”. 20050530 is the Date .
DTM*063*20050601	063 is the Date/Time Qualifier . “063” indicates “Do Not Deliver After”. 20050601 is the Date .
TD5*O****BESTWAY	O is the Routing Sequence Code . “O” indicates “Origin Carrier (Air, Motor, or Ocean)”. BESTWAY is the Routing .

N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier . “L1” represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**NO PRETICKET	NO PRETICKET is the Free-Form Message Text .
N1*FR*WAL-MART STORES	FR is the Entity Identifier Code . “FR” indicates “Message From”. WAL-MART STORES is the Name .
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code . “SU” indicates “Supplier/Manufacturer”. SUPPLIER NAME is the Name .
N1*SN*WAL-MART SUPERCENTER 1062*UL*0078742010359	SN is the Entity Identifier Code . “SN” indicates “Store” this code is used for New Stores WAL-MART SUPERCENTER 1062 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742010359 is the Identification Code .
N1*SN*WAL-MART SUPERCENTER 3510*UL*0078742039886	SN is the Entity Identifier Code . “SN” indicates “Store” this code is used for New Stores WAL-MART SUPERCENTER 3510 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742039886 is the Identification Code .
PO1*001*52*EA*0*NC*IN*000196535*UP*2210895522 08*VN*NL5555*****UK* 00221089552208	001 is the Assignment Identification . It contains the PO Line Number. 52 is the Quantity Ordered EA is the Unit or Basis for Measurement Code . “EA” indicates “Eaches”. 0 is the Unit Price . NC is the Basis of Unit Price Code . “NC” indicates “No Charge”. IN is the Product/Service ID Qualifier . “IN” indicates “Buyer’s Item Number”. 000196535 is the Product/Service ID . UP is the Product/Service ID Qualifier . “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”. 221089552208 is the Product/Service ID . VN is the Product/Service ID Qualifier . “VN” indicates Vendor (Seller’s) Item Number. NL55555 is the Product/Service ID . UK is the Product/Service ID Qualifier . “UK” indicates “Global Trade Item Number (GTIN)”. 00221089552208 is the Product/Service ID .
PO4*1	1 is the Pack . In this example, it represents the number of packs to a case.
SDQ*EA*UL*0078742010359*26*0078742039886*26	EA is the Unit or Basis for Measurement Code . “EA” indicates Each. UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742010359 is the Identification Code . 26 is the Quantity . 0078742039886 is the Identification Code . 26 is the Quantity .
N9*ST*0078742010359	ST is the Reference Identification Qualifier . “ST” indicates Store Number. 0078742010359 is the Reference Identification . Which is the Wal-Mart New Store.

N9*ST*0078742039886	ST is the Reference Identification Qualifier . “ST” indicates Store Number. 0078742039886 is the Reference Identification . Which is the Wal-Mart New Store.
AMT*1*0	1 is the Amount Qualifier Code . “1” indicates “Line Item Total”. 0 is the Monetary Amount .
CTT*1	1 is the Number of Line Items .
AMT*GV*0	GV is the Amount Qualifier Code . “GV” indicates “Gross Value”. 0 is the Monetary Amount .
SE*27*0001	27 is the Number of Included Segments . 0001 is the Transaction Set Control Number . This is the same control number as in the ST02, identifying the transaction set.

Wal-Mart Business Example - US Warehouse (Basic) Order (with Assortment)

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*SA*3376103367**20050202	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. SA is the Purchase Order Type Code . “SA” indicates “Stand-alone Order”. 3376103367 is the Purchase Order Number . (Sequential PO Number). 20050202 is the Purchase Order Date .
CUR*BY*USD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. USD is the Currency Code . “USD” indicates “U.S. Dollars”.
REF*DP*00017	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00017 is the Reference Identification .
REF*MR*0020	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”; Wal-Mart uses this code to designate “Order Type”. 0020 is the Reference Identification .
REF*IA*123456170	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456170 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*CC*OR*TUPELO MS	CC is the Shipment Method of Payment . “CC” indicates “Collect”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. TUPELO MS is Description and represents the Name of transportation responsibility location.
ITD*05*15*****45	05 is the Terms Type Code . “05” indicates “Discount not Applicable”. 15 is the Terms Basis Date Code . “15” indicates “Receipt of Goods”. 45 is the Terms Net Days .
DTM*037*20050528	037 is the Date/Time Qualifier . “037” indicates “Ship Not Before”. 20050528 is the Date .
DTM*038*20050530	038 is the Date/Time Qualifier . “038” indicates “Ship No Later”. 20050530 is the Date .
DTM*063*20050601	063 is the Date/Time Qualifier . “063” indicates “Do Not Deliver After”. 20050601 is the Date .

TD5*O****CALL5012734300 #	O is the Routing Sequence Code . “O” indicates “Origin Carrier (Air, Motor, or Ocean)”. CALL5012734300 # is the Routing .
N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier . “L1” represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**NO PRETICKET	NO PRETICKET is the Free-Form Message Text .
N1*BY*WAL-MART DC 6009R-REGULAR*UL*0078742028477	BY is the Entity Identifier Code . “BY” indicates “Ship To”. WAL-MART DC 6009R-REGULAR is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742028477 is the Identification Code .
N3*1100 NORTH IRIS STREET	1100 NORTH IRIS STREET is the Address
N4*MOUNT PLEASANT*IA*52641	MOUNT PLEASANT is the City Name IA is the State or Province Code 52641 is the Postal Code
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code . “SU” indicates “Supplier/Manufacturer”. SUPPLIER NAME is the Name .
PO1*001*1080*EA*3.61*LE*IN*001719653*UP*022108955228*VN*NL55555*****UK* 00022108955228	001 is the Assignment Identification . It contains the PO Line Number. 1080 is the Quantity Ordered . EA is the Unit or Basis for Measurement Code . “EA” indicates “Eaches”. 3.61 is the Unit Price . LE is the Basis of Unit Price Code . “LE” indicates “Catalog Price per Each”. IN is the Product/Service ID Qualifier . “IN” indicates “Buyer’s Item Number”. 001719653 is the Product/Service ID . UP is the Product/Service ID Qualifier . “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”. 00022108955228 is the Product/Service ID . VN is the Product/Service ID Qualifier . “VN” indicates Vendor (Seller’s) Item Number. NL55555 is the Product/Service ID . UK is the Product/Service ID Qualifier . “UK” indicates “Global Trade Item Number (GTIN)”. 00022108955228 is the Product/Service ID .
PO4*8	8 is the Pack . In this example, it represents the number of packs to a case.

<p>SLN*0001**I*216*EA****IN*001719653*UP*022108955228*VN*55555*BO*BLUE*IZ*S*UK* 00022108955228</p>	<p>0001 is the Assigned Identification. I is the Relationship Code. “I” indicates “Included”. 216 is the Quantity. EA is the Composite Unit of Measure. “EA” indicates “Each”. IN is the Product/Service ID Qualifier. “IN” indicates “Buyer’s Item Number”. 001719653 is the Product/Service ID. UP is the Product/Service ID Qualifier. “UP” indicates “UCC-12”. 022108955228 is the Product/Service ID. VN is the Product/Service ID Qualifier. “VN” indicates “Vendor’s (Seller’s) Item Number”. 55555 is the Product/Service ID. BO is the Product/Service ID Qualifier. “BO” indicates “Buyer’s Color”. BLUE is the Product/Service ID. IZ is the Product/Service ID Qualifier. “IZ” indicates “Buyer’s Size Code”. S is the Product/Service ID. UK is the Product/Service ID Qualifier. “UK” indicates “GTIN 14-digit Data Structure”. 00022108955228 is the Product/Service ID.</p>
<p>SLN*0002**I*216*EA****IN*001719653*UP*022108955228*VN*55555*BO*BLUE*IZ*M*UK* 00022108955228</p>	<p>0002 is the Assigned Identification. I is the Relationship Code. “I” indicates “Included”. 216 is the Quantity. EA is the Composite Unit of Measure. “EA” indicates “Each”. IN is the Product/Service ID Qualifier. “IN” indicates “Buyer’s Item Number”. 001719653 is the Product/Service ID. UP is the Product/Service ID Qualifier. “UP” indicates “UCC-12”. 022108955228 is the Product/Service ID. VN is the Product/Service ID Qualifier. “VN” indicates “Vendor’s (Seller’s) Item Number”. 55555 is the Product/Service ID. BO is the Product/Service ID Qualifier. “BO” indicates “Buyer’s Color”. BLUE is the Product/Service ID. IZ is the Product/Service ID Qualifier. “IZ” indicates “Buyer’s Size Code”. M is the Product/Service ID. UK is the Product/Service ID Qualifier. “UK” indicates “GTIN 14-digit Data Structure”. 00022108955228 is the Product/Service ID.</p>

<p>SLN*0003**I*216*EA****IN*001719653*UP*022108955228*VN*55555*BO*BLUE*IZ*L*UK* 00022108955228</p>	<p>0003 is the Assigned Identification. I is the Relationship Code. “I” indicates “Included”. 216 is the Quantity. EA is the Composite Unit of Measure. “EA” indicates “Each”. IN is the Product/Service ID Qualifier. “IN” indicates “Buyer’s Item Number”. 001719653 is the Product/Service ID. UP is the Product/Service ID Qualifier. “UP” indicates “UCC-12”. 022108955228 is the Product/Service ID. VN is the Product/Service ID Qualifier. “VN” indicates “Vendor’s (Seller’s) Item Number”. 55555 is the Product/Service ID. BO is the Product/Service ID Qualifier. “BO” indicates “Buyer’s Color”. BLUE is the Product/Service ID. IZ is the Product/Service ID Qualifier. “IZ” indicates “Buyer’s Size Code”. L is the Product/Service ID. UK is the Product/Service ID Qualifier. “UK” indicates “GTIN 14-digit Data Structure”. 00022108955228 is the Product/Service ID.</p>
<p>SLN*0004**I*216*EA****IN*001719653*UP*022108955228*VN*55555*BO*BLUE*IZ*XL*UK* 00022108955228</p>	<p>0004 is the Assigned Identification. I is the Relationship Code. “I” indicates “Included”. 216 is the Quantity. EA is the Composite Unit of Measure. “EA” indicates “Each”. IN is the Product/Service ID Qualifier. “IN” indicates “Buyer’s Item Number”. 001719653 is the Product/Service ID. UP is the Product/Service ID Qualifier. “UP” indicates “UCC-12”. 022108955228 is the Product/Service ID. VN is the Product/Service ID Qualifier. “VN” indicates “Vendor’s (Seller’s) Item Number”. 55555 is the Product/Service ID. BO is the Product/Service ID Qualifier. “BO” indicates “Buyer’s Color”. BLUE is the Product/Service ID. IZ is the Product/Service ID Qualifier. “IZ” indicates “Buyer’s Size Code”. XL is the Product/Service ID. UK is the Product/Service ID Qualifier. “UK” indicates “GTIN 14-digit Data Structure”. 00022108955228 is the Product/Service ID.</p>

SLN*0005**I*216*EA****IN*001719653*UP*022108955228*VN*55555*BO*BLUE*IZ*XXL*UK*00022108955228	<p>0005 is the Assigned Identification.</p> <p>I is the Relationship Code. “I” indicates “Included”.</p> <p>216 is the Quantity.</p> <p>EA is the Composite Unit of Measure. “EA” indicates “Each”.</p> <p>IN is the Product/Service ID Qualifier. “IN” indicates “Buyer’s Item Number”.</p> <p>001719653 is the Product/Service ID.</p> <p>UP is the Product/Service ID Qualifier. “UP” indicates “UCC-12”.</p> <p>022108955228 is the Product/Service ID.</p> <p>VN is the Product/Service ID Qualifier. “VN” indicates “Vendor’s (Seller’s) Item Number”.</p> <p>55555 is the Product/Service ID.</p> <p>BO is the Product/Service ID Qualifier. “BO” indicates “Buyer’s Color”.</p> <p>BLUE is the Product/Service ID.</p> <p>IZ is the Product/Service ID Qualifier. “IZ” indicates “Buyer’s Size Code”.</p> <p>XXL is the Product/Service ID.</p> <p>UK is the Product/Service ID Qualifier. “UK” indicates “GTIN 14-digit Data Structure”.</p> <p>00022108955228 is the Product/Service ID.</p>
AMT*1*3898.8	<p>1 is the Amount Qualifier Code. “1” indicates “Line Item Total”.</p> <p>3898.8 is the Monetary Amount.</p>
CTT*1	1 is the Number of Line Items .
AMT*GV*3898.8	<p>GV is the Amount Qualifier Code. “GV” indicates “Gross Value”.</p> <p>3898.8 is the Monetary Amount.</p>
SE*29*0001	<p>29 is the Number of Included Segments.</p> <p>0001 is the Transaction Set Control Number. This is the same control number as in the ST02, identifying the transaction set.</p>

Wal-Mart Business Example - US Warehouse (Cross-Dock) Order

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*SA*3376103367**20050202	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. SA is the Purchase Order Type Code . “SA” indicates “Stand-alone Order”. 3376103367 is the Purchase Order Number . (Sequential PO Number). 20050202 is the Purchase Order Date .
CUR*BY*USD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. USD is the Currency Code . “USD” indicates “U.S. Dollars”.
REF*DP*00027	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00027 is the Reference Identification .
REF*MR*0073	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”. 0073 is the Reference Identification .
REF*IA*123456270	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456270 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*CC*OR*TUPELO MS	CC is the Shipment Method of Payment . “CC” indicates “Collect”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. TUPELO MS is Description and represents the Name of transportation responsibility location.
SAC*A*F910***97*6*1*****02	A is the Allowance or Charge Indicator . “A” indicates “Allowance”. F910 is the Service, Promotion, Allowance, or Charge Code . “F910” indicates “Quantity Discount”. 97 is the Amount . 6 is the Allowance/Charge Percent Qualifier . “6” indicates that the percentage is based on “Base Price Amount”. 1 is the Percent . 02 is the Allowance or Charge Method of Handling Code . “02” indicates “Off Invoice”.
ITD*05*15*****45	05 is the Terms Type Code . “05” indicates “Discount not Applicable”. 15 is the Terms Basis Date Code . “15” indicates “Receipt of Goods”. 45 is the Terms Net Days .
DTM*037*20050528	037 is the Date/Time Qualifier . “037” indicates “Ship Not Before”. 20050528 is the Date .

DTM*038*20050530	038 is the Date/Time Qualifier . “038” indicates “Ship No Later”. 20050530 is the Date .
DTM*063*20050601	063 is the Date/Time Qualifier . “063” indicates “Do Not Deliver After”. 20050601 is the Date .
TD5*O****CALL5012734300 #	O is the Routing Sequence Code . “O” indicates “Origin Carrier (Air, Motor, or Ocean)”. CALL5012734300 # is the Routing .
N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier . “L1” represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**NO PRETICKET	NO PRETICKET is the Free-Form Message Text .
N1*ST*WAL-MART DC 6009R-REGULAR*UL*0078742028477	ST is the Entity Identifier Code . “ST” indicates “Ship To”. WAL-MART DC 6009R-REGULAR is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742028477 is the Identification Code .
N3*1100 NORTH IRIS STREET	1100 NORTH IRIS STREET is the Address
N4*MOUNT PLEASANT*IA*52641	MOUNT PLEASANT is the City Name IA is the State or Province Code 52641 is the Postal Code
N1*BT*WAL-MART WAREHOUSE #6009*UL*0078742028477	BT is the Entity Identifier Code . “BT” indicates “Bill To”. WAL-MART WAREHOUSE #6009 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742028477 is the Identification Code
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code . “SU” indicates “Supplier/Manufacturer”. SUPPLIER NAME is the Name .
N1*SN*WAL-MART STORES 0297*UL*0078742002897	SN is the Entity Identifier Code . “SN” indicates “Store”. WAL-MART STORES 0297 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742002897 is the Identification Code .
N3*23561 US HWY 59	23561 US HWY 59 is the Address
N4*PORTER*TX*77365	PORTER is the City Name TX is the State or Province Code 77365 is the Postal Code
N1*SN*WAL-MART SUPERCENTER 0129*UL*0078742001272	SN is the Entity Identifier Code . “SN” indicates “Store”. WAL-MART SUPERCENTER 0129 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742001272 is the Identification Code .
N3*1715 N COMMERCE ST	1715 N COMMERCE ST is the Address
N4*ARDMORE*OK*73401	ARDMORE is the City Name OK is the State or Province Code 73401 is the Postal Code .
N1*SN*WAL-MART STORE 0135*UL*0078742001333	SN is the Entity Identifier Code . “SN” indicates “Store”. WAL-MART STORE 0135 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742001333 is the Identification Code .
N3*1000 GRAVES ST	1000 GRAVES ST is the Address

N4*CHILLICOTHE*MO*64601	CHILLICOTHE is the City Name MO is the State or Province Code 64601 is the Postal Code .
N1*SN*WAL-MART STORE 0138*UL*0078742001364	SN is the Entity Identifier Code . “SN” indicates “Store”. WAL-MART STORE 0138 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0078742001364 is the Identification Code .
N3*1923 EAST KEARNEY	1923 EAST KEARNEY is the Address
N4*SPRINGFIELD*MO*65803	SPRINGFIELD is the City Name MO is the State or Province Code 65803 is the Postal Code .
PO1*001*52*EA*1.87*LE*IN*002796535*UP*022108955228*VN*NL55555*****UK*00221089552284	001 is the Assignment Identification . It contains the PO Line Number. 52 is the Quantity Ordered EA is the Unit or Basis for Measurement Code . “EA” indicates “Eaches”. 1.87 is the Unit Price . LE is the Basis of Unit Price Code . “LE” indicates “Catalog Price per Each”. IN is the Product/Service ID Qualifier . “IN” indicates “Buyer’s Item Number”. 002796535 is the Product/Service ID . UP is the Product/Service ID Qualifier . “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”. 022108955228 is the Product/Service ID . VN is the Product/Service ID Qualifier . “VN” indicates Vendor (Seller’s) Item Number. NL55555 is the Product/Service ID . UK is the Product/Service ID Qualifier . “UK” indicates “Global Trade Item Number (GTIN)”. 00221089552284 is the Product/Service ID .
PO4*4	4 is the Pack . In this example, it represents the number of packs to a case.
SAC*A*E740***486*6*5*****02	A is the Allowance or Charge Indicator . “A” indicates “Allowance”. E740 is the Service, Promotion, Allowance, or Charge Code . “E740” indicates “New Store Allowance”. 486 is the Amount . 6 is the Allowance/Charge Percent Qualifier . “6” indicates that the percentage is based on “Base Price Amount”. 5 is the Percent . 02 is the Allowance or Charge Method of Handling Code . “02” indicates “Off Invoice”.
SDQ*EA*UL*0681131000505*13*0681131002271*13*0681131001717*13*0681131002325*13	EA is the Unit or Basis for Measurement Code . “EA” indicates Each. UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0681131000505 is the Identification Code . 13 is the Quantity . 0681131002271 is the Identification Code . 13 is the Quantity . 0681131001717 is the Identification Code . 13 is the Quantity . 0681131002325 is the Identification Code . 13 is the Quantity .

AMT*1*97.24	1 is the Amount Qualifier Code . “1” indicates “Line Item Total”. 97.24 is the Monetary Amount .
CTT*1	1 is the Number of Line Items .
AMT*GV*97.24	GV is the Amount Qualifier Code . “GV” indicates “Gross Value”. 97.24 is the Monetary Amount .
SE*40*0001	40 is the Number of Included Segments . 0001 is the Transaction Set Control Number . This is the same control number as in the ST02, identifying the transaction set.

Wal-Mart Business Example - US 2-Tier Order

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*SA*9705910015**20050113	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. SA is the Purchase Order Type Code . “SA” indicates “Stand-alone Order”. 9705910015 is the Purchase Order Number . (Sequential PO Number). 20050113 is the Purchase Order Date .
CUR*BY*USD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. USD is the Currency Code . “USD” indicates “U.S. Dollars”.
REF*DP*00092	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00092 is the Reference Identification .
REF*MR*0093	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”. 0093 is the Reference Identification .
REF*PD*2-TIER	PD is the Reference Identification Qualifier . “PD” indicates “Promotion/Deal Number”. 2-TIER is the Reference Identification .
REF*IA*123456270	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456270 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
REF*AN*01-209950920	AN is the Reference Identification Qualifier . “AN” indicates “Associated Purchase Orders”. 01-209950920 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*PP*OR*MEMPHIS TN	PP is the Shipment Method of Payment . “PP” indicates “Prepaid (by Seller)”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. MEMPHIS TN is Description and represents the Name of transportation responsibility location.
ITD*05*15*****45	05 is the Terms Type Code . “05” indicates “Discount not Applicable”. 15 is the Terms Basis Date Code . “15” indicates “Receipt of Goods”. 45 is the Terms Net Days .
DTM*037*20050528	037 is the Date/Time Qualifier . “037” indicates “Ship Not Before”. 20050528 is the Date .
DTM*038*20050530	038 is the Date/Time Qualifier . “038” indicates “Ship No Later”. 20050530 is the Date .
DTM*063*20050601	063 is the Date/Time Qualifier . “063” indicates “Do Not Deliver After”. 20050601 is the Date .

PID*S*08*VI*FL	<p>S is the Item Description Type. “S” indicates “Structured (From Industry Code List).”</p> <p>08 is the Product/Process Characteristic Code. “08” indicates “Product”.</p> <p>VI is the Agency Qualifier Code. “VI” indicates “Voluntary Inter-Industry Commerce Standard (VICS) EDI”.</p> <p>FL is the Product Description Code. “FL” indicates “Compliant with Fair Labor Standards Act”.</p>
TD5*O****SAIA	<p>O is the Routing Sequence Code. “O” indicates “Origin Carrier (Air, Motor, or Ocean)”.</p> <p>SAIA is the Routing.</p>
N9*L1*SPECIAL INSTRUCTIONS	<p>L1 is the Reference Identification Qualifier. “L1” represents “Letters or Notes”.</p> <p>SPECIAL INSTRUCTIONS is the Reference Identification. This will always contain the literal “Special Instructions”.</p>
MTX**NO PRETICKET	NO PRETICKET is the Free-Form Message Text .
N1*BY*WAL-MART DC 6018P-PAD*UL*0078742029337	<p>BY is the Entity Identifier Code. “BY” indicates “Buyer”.</p> <p>WAL-MART DC 6018P-PAD is the Name.</p> <p>UL is the Identification Code Qualifier. “UL” indicates “Global Location Number (GLN)”.</p> <p>0078742029337 is the Identification Code.</p>
N3*2103 SOUTH MAIN	2103 SOUTH MAIN is the Address
N4*SEARCY*AR*72143*US	<p>SEARCY is the City Name.</p> <p>AR is the State or Province Code.</p> <p>72143 is the Postal Code.</p> <p>US is the Country Code.</p>
N1*SU*SUPPLIER NAME	<p>SU is the Entity Identifier Code. “SU” indicates “Supplier/Manufacturer”.</p> <p>SUPPLIER NAME is the Name.</p>
PO1*001*52*EA*1.87*LE*IN*009296535*UP*022108955228*VN*NL55555*****UK* 00022108955228	<p>001 is the Assignment Identification. It contains the PO Line Number.</p> <p>52 is the Quantity Ordered</p> <p>EA is the Unit or Basis for Measurement Code. “EA” indicates “Eaches”.</p> <p>1.87 is the Unit Price.</p> <p>LE is the Basis of Unit Price Code. “LE” indicates “Catalog Price per Each”.</p> <p>IN is the Product/Service ID Qualifier. “IN” indicates “Buyer’s Item Number”.</p> <p>009296535 is the Product/Service ID.</p> <p>UP is the Product/Service ID Qualifier. “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”.</p> <p>022108955228 is the Product/Service ID.</p> <p>VN is the Product/Service ID Qualifier. “VN” indicates Vendor (Seller’s) Item Number.</p> <p>NL55555 is the Product/Service ID.</p> <p>UK is the Product/Service ID Qualifier. “UK” indicates “Global Trade Item Number (GTIN)”.</p> <p>00022108955228 is the Product/Service ID.</p>
PO4*4	4 is the Pack . In this example, it represents the number of packs to a case.
AMT*1*97.24	<p>1 is the Amount Qualifier Code. “1” indicates “Line Item Total”.</p> <p>97.24 is the Monetary Amount.</p>
CTT*1	1 is the Number of Line Items .

AMT*GV*97.24	GV is the Amount Qualifier Code . “GV” indicates “Gross Value”. 97.24 is the Monetary Amount .
SE*27*0001	27 is the Number of Included Segments . 0001 is the Transaction Set Control Number . This is the same control number as in the ST02, identifying the transaction set.

Sam's Business Example – (Basic) Order

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*SA*8208631234**20050131	00 is the Transaction Set Purpose Code . The “00” indicates “Original”. SA is the Purchase Order Type Code . “SA” indicates “Stand-alone Order”. 8208631234 is the Purchase Order Number . 20050131 is the Purchase Order Date .
CUR*BY*USD	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. USD is the Currency Code . “USD” indicates “U.S. Dollars”.
REF*DP*00063	DP is the Reference Identification Qualifier . “DP” indicates “Department Number”. 00063 is the Reference Identification .
REF*MR*0020	MR is the Reference Identification Qualifier . “MR” indicates “Merchandise Type Code”. 0020 is the Reference Identification .
REF*PD*WK 3 DEMO	PD is the Reference Identification Qualifier . “PD” indicates “Promotion/Deal Number”. WK 3 DEMO is the Reference Identification .
REF*IA*123456630	IA is the Reference Identification Qualifier . “IA” indicates “Internal Vendor Number”. 123456630 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
FOB*CC*OR*KANSAS CITY MO	CC is the Shipment Method of Payment . “CC” indicates “Collect”. OR is the Location Identifier . “OR” indicates “Origin (Shipping Point)”. KANSAS CITY MO is Description and represents the Name of transportation responsibility location.
SAC*A*I410***12*6*1*****04	A is the Allowance or Charge Indicator . “A” indicates “Allowance”. I410 is the Service, Promotion, Allowance, or Charge Code . “I410” indicates “Unsaleable Merchandise Allowance”. 12 is the Amount (This number is formatted as N2 which means an implied decimal with 2 decimal positions). 6 is the Allowance/Charge Percent Qualifier . “6” indicates that the percentage is based on “Base Price Amount”. 1 is the Percent . 04 is the Allowance or Charge Method of Handling Code . “04” indicates “Credit Customer Account”.
ITD*05*15*****65	05 is the Terms Type Code . “05” indicates “Discount Not Applicable”. 15 is the Terms Basis Date Code . “15” indicates “Receipt of Goods”. 65 is the Terms Net Days . The Invoice will be due 65 days after the Receipt of Goods.

DTM*063*20050601	063 is the Date/Time Qualifier . “063” indicates “Do Not Deliver After”. 20050601 is the Date .
TD5*O****SEE PKG INFO	O is the Routing Sequence Code . “O” indicates “Origin Carrier (Air, Motor, or Ocean)”. SEE PKG INFO is the Routing .
N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier . “L1” represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**NON PALLETIZED VENDOR	NON PALLETIZED VENDOR is the Free-Form Message Text .
N1*BY*SAMS CLUB #8246*UL*0605388005045	BY is the Entity Identifier Code . “BY” indicates “Buying Party (Purchaser)”. SAMS CLUB #8246 is the Name . UL is the Identification Code Qualifier . “UL” indicates “Global Location Number (GLN)”. 0605388005045 is the Identification Code .
N3*12300 S W FREEWAY	12300 S W FREEWAY is the Address
N4*STAFFORD*TX*77477*US	STAFFORD is the City Name . TX is the State or Province Code . 77477 is the Postal Code . US is the Country Code .
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code . “SU” indicates “Supplier/Manufacturer”. SUPPLIER NAME is the Name .
PO1*001*1*EA*11.66*LE*IN*631822444*UP*086404253365*VN*NL55555*BO*44***UK*00086404253365	001 is the Assignment Identification . It contains the PO Line Number. 1 is the Quantity Ordered . EA is the Unit or Basis for Measurement Code . “EA” indicates “Eaches”. 11.66 is the Unit Price . LE is the Basis of Unit Price Code . “LE” indicates “Catalog Price per Each”. IN is the Product/Service ID Qualifier . “IN” indicates “Buyer’s Item Number”. 631822444 is the Product/Service ID . UP is the Product/Service ID Qualifier . “UP” indicates “U.P.C. Consumer Package Code (1-5-5-1)”. 086404253365 is the Product/Service ID . VN is the Product/Service ID Qualifier . “VN” indicates Vendor (Seller’s) Item Number. NL55555 is the Product/Service ID . BO is the Product/Service ID Qualifier . “BO” indicates Buyers Color. 44 is the Product/Service ID . UK is the Product/Service ID Qualifier . “UK” indicates “Global Trade Item Number (GTIN)”. 00086404253365 is the Product/Service ID .
PO4*1	1 is the Pack . In this example, it represents the number of packs to a case.
AMT*1*11.66	1 is the Amount Qualifier Code . “1” indicates “Line Item Total”. 11.66 is the Monetary Amount .

CTT*1	1 is the Number of Line Items .
AMT* GV*11.66	GV is the Amount Qualifier Code . “GV” indicates “Total Transaction Amount”. 11.66 is the Monetary Amount .
SE* 24*0001	24 is the Number of Included Segments . 0001 is the Transaction Set Control Number . This is the same control number as in the ST02.

Wal-Mart Business Example – Grocery (Basic) Order

EDI TRANSMISSION DATA	EXPLANATION
ST*850*0001	850 is the Transaction Set Identifier Code for the Purchase Order Transaction Set. 0001 is the Transaction Set Control Number .
BEG*00*SA*6091413711**20050131	00 is the Transaction Set Purpose Code indicating “Original”. SA is the Purchase Order Type Code indicating “Stand-alone Order”. 6091413711 is the Purchase Order Number . 20050131 is the Purchase Order Date .
REF*IA*123456900	IA is the Reference Identification Qualifier indicating “Internal Vendor Number”. 123456900 is the Reference Identification and represents the Wal-Mart assigned Vendor Number.
ITD*08*3*****10	08 is the Terms Type Code indicating “08” indicates “Basic Discount Offered”. 3 is the Terms Basis Date Code “03” indicates “Invoice Date”. 10 is the Terms Net Days .
DTM*002*20050203	002 is the Date/Time Qualifier “002” indicates “Delivery Requested”. 20050203 is the Date .
TD5****M	M is the Transportation Method/Type Code “M” indicates “Motor”.
N9*L1*SPECIAL INSTRUCTIONS	L1 is the Reference Identification Qualifier ; represents “Letters or Notes”. SPECIAL INSTRUCTIONS is the Reference Identification . This will always contain the literal “Special Instructions”.
MTX**APPOINTMENTS REQUIRED 72HRS IN ADVANCE. CARRIER TO UNLOAD,	APPOINTMENTS REQUIRED 72HRS IN ADVANCE. CARRIER TO UNLOAD, is the Free-Form Message Text .
MTX**SORT AND SEGREGATE ON DOCK	SORT AND SEGREGATE ON DOCK. is the Free-Form Message Text .
N1*SU*SUPPLIER NAME	SU is the Entity Identifier Code “SU” indicates “Supplier”. SUPPLIER NAME is the Name .
N1*BY*WAL-MART GROCERY WHSE 6097*UL*0078742035499	BY is the Entity Identifier Code “BY” indicates “Buying Party (Purchaser)”. WAL-MART GROCERY WHSE 6097 is the Name . UL is the Identification Code Qualifier “UL” indicates “UCC/EAN Location Code”. 0078742035499 is the Identification Code (GLN) Number .
PER*OC*BUYER NAME	OC is the Contact Function Code . “OC” indicates “Order Contact”. BUYER NAME is the Name .

PO1*00001*521*CA*47.28**IN*009053182*UA*004726154788*VN*GIDGET*****UK* 00004726154788	<p>00001 is the Assignment Identification. It contains the PO Line Number.</p> <p>521 is the Quantity Ordered.</p> <p>CA is the Unit or Basis for Measurement Code indicating “Cases”.</p> <p>47.28 is the Unit Price.</p> <p>IN is the Product/Service ID Qualifier. “IN” indicates “Buyer’s Item Number”.</p> <p>009053182 is the Product/Service ID.</p> <p>UA is the Product/Service ID Qualifier. “UA” indicates “U.P.C./EAN Case Code (2-5-5)”.</p> <p>004726154788 is the Product/Service ID.</p> <p>VN is the Product/Service ID Qualifier “VN” indicates Vendor (Seller’s) Item Number.</p> <p>GIDGET is the Product/Service ID.</p> <p>UK is the Product/Service ID Qualifier. “UK” indicates “Global Trade Item Number (GTIN)”.</p> <p>00004726154788 is the Product/Service ID.</p>
PO4*12	12 is the Pack . In this example, it represents the number of packs to a case.
CTT*1	1 is the Number of Line Items .
AMT* GV*24632.88	<p>GV is the Amount Qualifier Code. “GV” indicates “Total Transaction Amount”.</p> <p>24632.88 is the Monetary Amount.</p>
SE*17*0001	<p>17 is the Number of Included Segments.</p> <p>0001 is the Transaction Set Control Number. This is the same control number as in the ST02, identifying the transaction set.</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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 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 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.	M 1 AN 4/9
	ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention	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:
Notes:

If BEG02 contains code RL, then BEG04 is required. BEG03 contains the purchase order number which is being released against and BEG04 contains the release number.

Booking Purchase Order Description - original order sent to the supplier to manufacture / produce goods.

Allocation Purchase Order Description - Once the goods have been produced from the Booking Order then the allocation order is sent to relay distribution information.

If BEG02 contains BE, then the Booking Purchase Order is being sent in BEG03. If BEG02 contains RL, then the Booking Purchase Order is being sent in BEG03 and the Allocation Purchase Order is being sent in BEG04.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set <u>Normally this qualifier is used for parallel testing EDI versions.</u> 00 Original 22 Information Copy <u>This code is used to notify anyone other than the seller about this order.</u>	M 1 ID 2/2
M	BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order BE Blanket Order/Estimated Quantities (Not firm Commitment) <u>This code will be used for the booking purchase order.</u> RL Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order SA Stand-alone Order	M 1 ID 2/2
M	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser <u>Retailer's original purchase order number</u>	M 1 AN 1/22
	BEG04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <u>Retailer's release against the purchase order, if used</u>	O 1 AN 1/30
M	BEG05	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <u>Retailer's original purchase order date</u>	M 1 DT 8/8
	BEG06	367	Contract Number Contract number	O 1 AN 1/30
	BEG07	587	Acknowledgment Type	O 1 ID 2/2

BEG08	1019	Code specifying the type of acknowledgment	O	1	ID 3/3
		Invoice Type Code			
BEG09	1166	Code defining the method by which invoices are to be processed	O	1	ID 2/2
		Contract Type Code			
BEG10	1232	Code identifying a contract type	O	1	ID 2/2
		Purchase Category			
BEG11	786	Code identifying the broad category of products or services being acquired	O	1	ID 2/2
		Security Level Code			
BEG12	640	Code indicating the level of confidentiality assigned by the sender to the information following	O	1	ID 2/2
		Transaction Type Code			
		Code specifying the type of transaction			

Segment:	CUR Currency
Position:	0400
Loop:	
Level:	Heading
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual All PO's are denominated in the currency of the buying company.	M 1 ID 2/3
			BY Buying Party (Purchaser)	
M	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified ARS Argentine Peso BRL Brazilian Real CAD Canadian Dollar CNY Chinese Yuan Renminbi EUR Euro [EAN Code] GBP Great British Pound Sterling KRW South Korean Won MXN Mexican Peso USD U.S. Dollars	M 1 ID 3/3
	<i>CUR03</i>	<i>280</i>	<i>Exchange Rate</i> <i>Value to be used as a multiplier conversion factor to convert monetary value from one currency to another</i>	<i>O 1 R 4/10</i>
	<i>CUR04</i>	<i>98</i>	<i>Entity Identifier Code</i> <i>Code identifying an organizational entity, a physical location, property or an individual</i>	<i>O 1 ID 2/3</i>
	<i>CUR05</i>	<i>100</i>	<i>Currency Code</i> <i>Code (Standard ISO) for country in whose currency the charges are specified</i>	<i>O 1 ID 3/3</i>
	<i>CUR06</i>	<i>669</i>	<i>Currency Market/Exchange Code</i> <i>Code identifying the market upon which the currency exchange rate is based</i>	<i>O 1 ID 3/3</i>
	<i>CUR07</i>	<i>374</i>	<i>Date/Time Qualifier</i> <i>Code specifying type of date or time, or both date and time</i>	<i>X 1 ID 3/3</i>
	<i>CUR08</i>	<i>373</i>	<i>Date</i> <i>Date expressed as CCYYMMDD where CC represents the first two digits of the</i>	<i>O 1 DT 8/8</i>

CUR09	337	calendar year 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
		Code specifying type of date or time, or both date and time			
CUR11	373	Date	X	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
CUR12	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)			
CUR13	374	Date/Time Qualifier	X	1	ID 3/3
		Code specifying type of date or time, or both date and time			
CUR14	373	Date	X	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
CUR15	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)			
CUR16	374	Date/Time Qualifier	X	1	ID 3/3
		Code specifying type of date or time, or both date and time			
CUR17	373	Date	X	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
CUR18	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)			
CUR19	374	Date/Time Qualifier	X	1	ID 3/3
		Code specifying type of date or time, or both date and time			
CUR20	373	Date	X	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
CUR21	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)			

Segment:	REF Reference Information - Department Number
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:	
Notes:	<p>When REF01 contains code PG, REF02 is used to specify the alphanumeric description of the product group or selling zone required on the shipping label. The maximum length is 18 characters. See UCC6 Application Standard for Shipping Container Codes for specific guidance.</p> <p><u>This instance of the REF Segment will contain the 5-digit Wal-Mart Department Number.</u></p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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	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 - Order Type
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:	
Notes:	<u>This instance of the REF Segment will contain the 4-digit Wal-Mart Order Type code.</u>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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	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 - Event Code
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:	
Notes:	<u>This instance of the REF Segment will contain the Wal-Mart Promotion Event Code.</u>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PD Promotion/Deal Number	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	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 - Vendor Number
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:	
Notes:	<u>This instance of the REF Segment will contain the supplier's nine-digit Wal-Mart Vendor Number.</u>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IA Internal Vendor Number Identification number assigned to the vendor, by the retailer, for use within the retailer's system	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	X 1 AN 1/50
	REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
	REF04	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 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

Segment:	REF	Reference Information - Associated Order Numbers [WM]
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:		
Notes:	<u>This instance of the REF Segment will be sent for Wal-Mart PAD/2-Tier purchase orders only.</u>	

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification AN Associated Purchase Orders Ship with purchase order	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>The value transmitted here will be the truck and vendor pool information.</u> <u>Examples: REF*AN*01-003 or REF*AN*01-123456080</u>	X 1 AN 1/50
	REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
	REF04	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 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

Segment:	REF Reference Information - Business Activity [SAMS]
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:	
Notes:	<u>This instance of the REF Segment will be sent for Sam's items ordered through a Wal-Mart Grocery Distribution Center.</u>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BE Business Activity	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	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: **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:

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
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) OR Origin (Shipping Point)	X	1 ID 1/2
	FOB03	352 Description A free-form description to clarify the related data elements and their content Free-form name of transportation responsibility location	O	1 AN 1/80
	FOB04	334 <i>Transportation Terms Qualifier Code</i> Code identifying the source of the transportation terms	O	1 ID 2/2
	FOB05	335 <i>Transportation Terms Code</i> Code identifying the trade terms which apply to the shipment transportation responsibility	X	1 ID 3/3
	FOB06	309 <i>Location Qualifier</i> Code identifying type of location	X	1 ID 1/2
	FOB07	352 <i>Description</i> A free-form description to clarify the related data elements and their content	O	1 AN 1/80
	FOB08	54 <i>Risk of Loss Code</i> Code specifying where responsibility for risk of loss passes	O	1 ID 2/2
	FOB09	352 <i>Description</i> A free-form description to clarify the related data elements and their content	X	1 AN 1/80

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 1200
Loop: SAC
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, 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.

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

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
M	SAC01	248	Allowance or Charge Indicator	M	1	ID 1/1
			Code which indicates an allowance or charge for the service specified			
			A Allowance			
			C Charge			
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	1	ID 4/4
			Code identifying the service, promotion, allowance, or charge			
			A260 Advertising Allowance			
			B000 Central Buy			
			B270 Collect Surcharge			
			Collection Allowance			
			B720 Cooperative Advertising/Merchandising Allowance (Performance)			

B950	Damaged Merchandise
C000	Defective Allowance
C300	Discount - Special
C310	Discount
C320	Display Allowance
C490	Drum Deposit
C510	Dry Ice
	<u>Ice Charge</u>
C530	Duty Charge
C540	Early Buy Allowance
C550	Early Payment Allowance
	<u>This is the equivalent to "Cash Discount"</u>
C580	Emergency Service
	<u>Emergency Order Fee</u>
D170	Free Goods
D240	Freight
D260	Fuel Charge
	<u>Gross Receipts Tax</u>
D500	Handling
E720	New Distribution Allowance
E740	New Store Allowance
E750	New Store Discount
F180	Pallet
F210	Parish/County Sales Tax (only)
	<u>County Excise Tax</u>
F330	Pickup and Delivery
F340	Pick/Up
F580	Preparation and Delivery
F670	Price and Marketing Allowance
F800	Promotional Allowance
F910	Quantity Discount
F920	Quantity Surcharge
F970	Rebate
G470	Restocking Charge
	<u>Restocking Fee</u>
G970	Small Order Charge
	<u>Order Quantity Fee</u>
H000	Special Allowance
	<u>Tectrol Gas</u>
H010	Special Buy
H420	Storage in Transit
H560	Swell
H750	Tax - Sales Tax (State and Local)
	<u>Pre collected/Prepaid Sales Tax</u>
H770	Tax - State Tax
	<u>State Excise Tax</u>
H780	Tax - Super Fund Excise Tax
	<u>Federal Super fund</u>
H920	Temporary Allowance
I170	Trade Discount
I310	Truckload Discount
I410	Unsaleable Merchandise Allowance
I530	Volume Discount
I570	Warehouse

SAC03	559	Agency Qualifier Code	X	1	ID 2/2
		Code identifying the agency assigning the code values			
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	1	AN 1/10
		Agency maintained code identifying the service, promotion, allowance, or charge			

SAC05	610	Amount Monetary amount When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.	O	1	N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 6 Base Price Amount	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%) 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".	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 EA Each CW Hundred Pound [CWT]	X	1	ID 2/2
SAC10	380	Quantity Numeric value of quantity When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09. SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.	X	1	R 1/15
SAC11	380	<i>Quantity</i> <i>Numeric value of quantity</i>	O	1	R 1/15
SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 01 Bill Back The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount. 02 Off Invoice The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances. 03 Vendor Check to Customer The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount. 04 Credit Customer Account The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.	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	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

<i>SAC15</i>	<i>352</i>	<i>Description</i>	<i>X</i>	<i>1</i>	<i>AN 1/80</i>
		<i>A free-form description to clarify the related data elements and their content</i>			
<i>SAC16</i>	<i>819</i>	<i>Language Code</i>	<i>O</i>	<i>1</i>	<i>ID 2/3</i>
		<i>Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)</i>			

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	1300
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:	This segment may be used in the header area or the detail area, but not both.

Many times, deferred terms are specified on the purchase order with only the knowledge that the terms are to be based on a date value which is not known, e.g., invoice or delivery date. What is known is the percentage or dollar amount of each deferred installment, and the number of days after the date the terms are based on, that each installment will be due. In these cases, ITD01 will contain code 04, indicating deferred or installment terms, and ITD02 will contain the appropriate terms date basis code (most typically code 2 for Delivery Date, code 3 for Invoice Date, or code 15 for Receipt of Goods Date). ITD07 will contain the number of days after the terms basis date that this installment is due. ITD10 or ITD11 will be used to indicate a dollar amount (ITD10) for that installment or the percent (ITD11) for that installment. Use one ITD segment for each installment. When specifying deferred terms and the exact terms basis date is known, e.g., invoice date, ITD09 should be used to specify the exact deferred or installment date.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
ITD01	336	Terms Type Code Code identifying type of payment terms 02 End of Month (EOM) 05 Discount Not Applicable 08 Basic Discount Offered	O 1 ID 2/2
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 3 Invoice Date 7 Effective Date The date is specified in the DTM segment in the header area using code 007 in DTM01. 15 Receipt of Goods	O 1 ID 1/2
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date 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".	O 1 R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	X 1 N0 1/3

ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O	1	DT 8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable) The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	O	1	N0 1/3
ITD08	362	Terms Discount Amount Total amount of terms discount	O	1	N2 1/10
ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O	1	DT 8/8
ITD10	389	Deferred Amount Due Deferred amount due for payment	X	1	N2 1/10
ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	X	1	R 1/5
ITD12	352	Description A free-form description to clarify the related data elements and their content	O	1	AN 1/80
ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X	1	N0 1/2
ITD14	107	Payment Method Type Code Code identifying type of payment procedures	O	1	ID 1/2
ITD15	954	Percentage as Decimal Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%)	O	1	R 1/10

Segment: **DTM** Date/Time Reference - Cancel After
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 is used to specify order processing dates.

This instance of the DTM segment will cease to be used once a supplier begins to receive a "Must Arrive By Date" (MABD).

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 001 Cancel After If the order has not been shipped by this date, the order is considered canceled	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
	DTM03	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
	DTM04	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
	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X 1 ID 2/3
	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

Segment: **DTM** Date/Time Reference - Delivery Requested
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 instance of the DTM segment will normally only be sent on orders for grocery items.

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		
			002 Delivery Requested		
	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	<i>Time</i>	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>		
	DTM04	623	<i>Time Code</i>	O	1 ID 2/2
			<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>		
	DTM05	1250	<i>Date Time Period Format Qualifier</i>	X	1 ID 2/3
			<i>Code indicating the date format, time format, or date and time format</i>		
	DTM06	1251	<i>Date Time Period</i>	X	1 AN 1/35
			<i>Expression of a date, a time, or range of dates, times or dates and times</i>		

Segment: **DTM** Date/Time Reference - Effective Date
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 will be sent only when ITD02 contains code '7'.

Data Element Summary

M	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
	DTM01	374	Date/Time Qualifier	M	1 ID 3/3
			Code specifying type of date or time, or both date and time		
			007 Effective		
			For terms		
	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	<i>Time</i>	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>		
	DTM04	623	<i>Time Code</i>	O	1 ID 2/2
			<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>		
	DTM05	1250	<i>Date Time Period Format Qualifier</i>	X	1 ID 2/3
			<i>Code indicating the date format, time format, or date and time format</i>		
	DTM06	1251	<i>Date Time Period</i>	X	1 AN 1/35
			<i>Expression of a date, a time, or range of dates, times or dates and times</i>		

Segment: **DTM** Date/Time Reference - Requested Ship
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 instance of the DTM segment will cease to be used once a supplier begins to receive a "Must Arrive By Date" (MABD).

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	<i>Time</i>	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>		
	DTM04	623	<i>Time Code</i>	O	1 ID 2/2
			<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>		
	DTM05	1250	<i>Date Time Period Format Qualifier</i>	X	1 ID 2/3
			<i>Code indicating the date format, time format, or date and time format</i>		
	DTM06	1251	<i>Date Time Period</i>	X	1 AN 1/35
			<i>Expression of a date, a time, or range of dates, times or dates and times</i>		

Segment: **DTM** Date/Time Reference - Ship Not Before
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 instance of a DTM segment will be sent once a supplier starts receiving "Must Arrive By Date" (MABD).

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 037 Ship Not Before If the retailer allows shipment before the requested ship date, this is the earliest date shipping can occur	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
	DTM03	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
	DTM04	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
	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X 1 ID 2/3
	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

Segment: **DTM** Date/Time Reference - Ship No Later
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 instance of a DTM segment will be sent once a supplier starts receiving "Must Arrive By Date" (MABD).

Data Element Summary

M	Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
	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	<i>Time</i>		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>			
	DTM04	623	<i>Time Code</i>		O	1 ID 2/2
			<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>			
	DTM05	1250	<i>Date Time Period Format Qualifier</i>		X	1 ID 2/3
			<i>Code indicating the date format, time format, or date and time format</i>			
	DTM06	1251	<i>Date Time Period</i>		X	1 AN 1/35
			<i>Expression of a date, a time, or range of dates, times or dates and times</i>			

Segment: **DTM** Date/Time Reference - Do Not Deliver After
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 instance of the DTM Segment will be used to transmit the "Must Arrive By Date" (MABD).

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 063 Do Not Deliver After	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
	DTM03	337	<i>Time</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)	X 1 TM 4/8
	DTM04	623	<i>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	O 1 ID 2/2
	DTM05	1250	<i>Date Time Period Format Qualifier</i> Code indicating the date format, time format, or date and time format	X 1 ID 2/3
	DTM06	1251	<i>Date Time Period</i> Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

Segment:	PID Product/Item Description
Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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	Name	Attributes
Des.	Element		
M	PID01	349 Item Description Type Code indicating the format of a description S Structured (From Industry Code List) The description will be found in PID04.	M 1 ID 1/1
	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product	O 1 ID 2/3
	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	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 <div> EV Compliant with State Environment Requirements FA Compliant with Flammability Act FL Compliant with Fair Labor Standards Act FP Compliant with Fur Products Labeling Act TF Compliant with Textile Fiber Product Identification Act and Regulations VC Volatile Organic Compound (VOC) Compliant WA Compliant with Wool Products Labeling Act </div> FL Compliant with Fair Labor Standards Act	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	O 1 ID 1/1

PID09	819	<i>Code indicating a Yes or No condition or response</i>	O	1	ID 2/3
		<i>Language Code</i>			
		<i>Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)</i>			

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:	<ol style="list-style-type: none"> 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:	<p>This segment is used to specify every carrier in the routing sequence or a specific routing sequence that has been previously identified (usually from a routing guide). The segment can also be used to indicate estimated transit time in days. Only use TD501 if needed for clarity; this is not a requirement in most retail applications. When referring to a pre-established routing guide, use code 91 or 92 in TD502, and identify the routing sequence, from the routing guide, in TD503. To identify a specific private parcel service, TD502 will contain code 2, and TD503 will contain the corresponding SCAC. TD510 and TD511 are used to specify transit time. <u>This segment will not be used for Division 01 Remix Orders</u></p>

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
TD501	133	Routing Sequence Code	O 1 ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
		O Origin Carrier (Air, Motor, or Ocean)	
<i>TD502</i>	<i>66</i>	<i>Identification Code Qualifier</i>	<i>X 1 ID 1/2</i>
		Code designating the system/method of code structure used for Identification Code (67)	
<i>TD503</i>	<i>67</i>	<i>Identification Code</i>	<i>X 1 AN 2/80</i>
		Code identifying a party or other code	
TD504	91	Transportation Method/Type Code	X 1 ID 1/2
		Code specifying the method or type of transportation for the shipment	
		H Customer Pickup	
		K Backhaul	
		M Motor (Common Carrier)	
TD505	387	Routing	X 1 AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
<i>TD506</i>	<i>368</i>	<i>Shipment/Order Status Code</i>	<i>X 1 ID 2/2</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>TD507</i>	<i>309</i>	<i>Location Qualifier</i>	<i>O 1 ID 1/2</i>
		Code identifying type of location	
<i>TD508</i>	<i>310</i>	<i>Location Identifier</i>	<i>X 1 AN 1/30</i>
		Code which identifies a specific location	
<i>TD509</i>	<i>731</i>	<i>Transit Direction Code</i>	<i>O 1 ID 2/2</i>
		The point of origin and point of direction	

TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time	O	1	ID 2/2
TD511	733	Transit Time The numeric amount of transit time	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: **N9 Extended Reference Information**

Position: 2950

Loop: N9

Level: Heading

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	Name	Attributes	
Des.	Element			
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification L1 Letters or Notes	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 This will always contain the literal, "Special Instructions"	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:	MTX Text
Position:	3000
Loop:	N9
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	<ol style="list-style-type: none"> 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.
Notes:	<p>This segment will contain any text clauses for the agreement referenced in the previous N9 segment.</p> <p><u>For Sam's Club Online Orders, the member address for direct ship orders will appear in the MTX segment.</u></p>

Data Element Summary			
Ref. Des.	Data Element	Name	Attributes
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 <u>Wal-Mart will send no more than 80 characters in a single instance of a MTX Segment. For descriptions over 80 characters, multiple MTX segments will be sent.</u>	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:	N1 Party Identification - Wal-Mart 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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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:	<p>This segment is used to identify the retailer's locations as they pertain to the order.</p> <p>The ship-to (N101 contains code ST) may be identified in the header area or the detail area, but not both.</p> <p>N103 and N104 are required except when N101 contains code CT, L5, MA or OB, or for direct-to-consumer when N101 contains code ST.</p> <p>In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set. To identify the sender of the transaction set, N101 will contain code FR. To identify the receiver of the transaction set, N101 will contain code TO.</p> <p>For spreadsheet orders, the SDQ segment identifies the retailer's ultimate destinations. When necessary, the N1 segment may be used to identify the bill-to or ship-to location. Only one iteration of each of the bill-to or ship-to is allowed. CAUTION, this will override every bill to or ship to for every location in the SDQ segment(s). For example, when the buyer is instructing the supplier to package goods for cross docking, one iteration of the N1 segment, with N101 containing code ST, may be used to indicate the ship-to location. The ship-to location overrides the ship to that is normally associated with the locations identified in the SDQ segment(s).</p> <p>For direct-to-consumer orders, there must be at least one occurrence of the N1 segment to identify the retailer (N101 contains code BT or SN).</p> <p>When the ship to (N101 contains code ST) is the end consumer (customer of retailer), N103 and N104 are not required.</p> <p>When a direct-to-consumer purchase order contains multiple ship-to locations, the N1 loop in the detail area is used to identify the ship-to locations.</p> <p><u>The use of different qualifiers in the N1 segment can help determine the type of order.</u></p> <p><u>BY (Buyer) - indicates that the order is for merchandise being shipped to a distribution center, and will in turn be shipped to the stores on an as needed basis. The N103 Element will contain "UL", and the N104 Element will contain the Global Location Number (GLN) for the distribution center the merchandise is to be shipped to.</u></p> <p><u>FR (Message From) - indicates that the order is for merchandise being shipped directly to stores. The delivery address is not known at the header level of the purchase order, so there will be no address or GLN sent at the header level. Instead, SDQ segments will be sent in the line item detail of the order to indicate</u></p>

what quantities are to be shipped, and the GLN for the store(s).

ST (Ship To) /BT (Bill To) - indicates that the order is for merchandise being shipped to a DC, but the merchandise is already labeled for particular store locations. The N103 Element will contain "UL", and the N104 Element will contain the GLN for the DC where the merchandise will initially be shipped. There will be SDQ segments in the line item detail to indicate what quantities need to be labeled for each store GLN found.

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
M	N101	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)	
		FR	Message From	
		ST	Ship To	
	N102	93	Name	X 1 AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X 1 ID 1/2
			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	
	N104	67	Identification Code	X 1 AN 2/80
			Code identifying a party or other code	
			This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.	
	N105	706	Entity Relationship Code	O 1 ID 2/2
			Code describing entity relationship	
	N106	98	Entity Identifier Code	O 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	

Segment: **N1** Party Identification - Bill To
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 instance of the N1 Segment Group will only be sent for Cross-Dock orders.**

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
M	N101	98 Entity Identifier Code	M	1 ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
		BT Bill-to-Party		
	N102	93 Name	X	1 AN 1/60
		Free-form name		
	N103	66 Identification Code Qualifier	X	1 ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
	N104	67 Identification Code	X	1 AN 2/80
		Code identifying a party or other code		
	N105	706 Entity Relationship Code	O	1 ID 2/2
		Code describing entity relationship		
	N106	98 Entity Identifier Code	O	1 ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		

Segment: **N1** **Party Identification - Supplier 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	Name	Attributes	
Des.	Element			
M	N101	98 Entity Identifier Code	M	1 ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
		SU Supplier/Manufacturer		
	N102	93 Name	X	1 AN 1/60
		Free-form name		
	N103	66 Identification Code Qualifier	X	1 ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
	N104	67 Identification Code	X	1 AN 2/80
		Code identifying a party or other code		
	N105	706 Entity Relationship Code	O	1 ID 2/2
		Code describing entity relationship		
	N106	98 Entity Identifier Code	O	1 ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		

Segment:	N1	Party Identification - Wal-Mart Store 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:	<u>This instance of the N1 Segment will be used to transmit the Global Location Number (GLN) of any new Wal-Mart or Sam's locations that may have New Store Discounts applied on for this purchase order.</u> <u>There may be N3 and N4 segments present for this group.</u>	

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
M	N101	98	Entity Identifier Code	M 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		SN	Store	
	N102	93	Name	X 1 AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X 1 ID 1/2
			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	
	N104	67	Identification Code	X 1 AN 2/80
			Code identifying a party or other code	
	N105	706	Entity Relationship Code	O 1 ID 2/2
			Code describing entity relationship	
	N106	98	Entity Identifier Code	O 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	

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

Segment: **PER** Administrative Communications Contact
Position: 3600
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
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:
Notes:

This segment is used to specify appropriate telephone numbers for the entity identified in the previous N1 segment in a direct-to-consumer environment.

Data Element Summary

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

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:	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:	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.
Notes:	<p>The multi-SKU case pack is used by retailers to order cases packed with specific items, each with a specific quantity. This is similar to the dynamic assortment, however, the unit of measurement code in PO103 is different for each use. For dynamic assortments, PO103 will contain code AS. This identifies the item listed in the Product/Service IDs as an assortment and the contents of the assortment are listed in subsequent SLN segments. For assortments, at least one occurrence of the Product/Service ID Qualifier and the Product/Service ID are required to identify the assortment. This may be a U.P.C., a vendor assigned number, or a retailer assigned number. There is no implication of packaging for assortments; this is part of the trading partners' business practices. Assortments are primarily used as an ordering tool. For the multi-SKU case pack, PO103 will contain code CA, and there is no requirement to send a Product/Service ID in the PO1 segment. The use of code CA in PO103, and the presence of the SLN segments, informs the receiver to pack the cases with the SKUs and quantities in the SLN segments. The quantity in PO102 is the number of cases being ordered. Each SLN segment, that follows the PO1 segment, lists the Product ID, e.g., U.P.C., and the quantity of the SKU that is to be in the case. The total units in each case is the sum of the quantities in the SLN segment.</p>	

Data Element Summary				
Ref.	Data			
<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 EA Each	O	1 ID 2/2
PO104	212	Unit Price Price per unit of product, service, commodity, etc.	X	1 R 1/17

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

To indicate a no charge item or free goods, PO104 will contain a single zero (0) and PO105 will contains code NC.

PO105	639	Basis of Unit Price Code	O	1	ID 2/2
		Code identifying the type of unit price for an item			
		This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.			
		LE	Catalog Price per Each		
		NC	No Charge		
PO106	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)			
		BO	Buyers Color		
		EN	EAN/UCC - 13		
			Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)		
		IN	Buyer's Item Number		
		IZ	Buyer's Size Code		
		UA	U.P.C./EAN Case Code (2-5-5)		
		UK	GTIN 14-digit Data Structure		
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)		
		UP	UCC - 12		
			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.)		
		VN	Vendor's (Seller's) Item Number		
PO107	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
PO108	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)			
		BO	Buyers Color		
		EN	EAN/UCC - 13		
			Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)		
		IN	Buyer's Item Number		
		IZ	Buyer's Size Code		
		UA	U.P.C./EAN Case Code (2-5-5)		
		UK	GTIN 14-digit Data Structure		
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)		
		UP	UCC - 12		
			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.)		
		VN	Vendor's (Seller's) Item Number		
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)

BO	Buyers Color
EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)
IN	Buyer's Item Number
IZ	Buyer's Size Code
UA	U.P.C./EAN Case Code (2-5-5)
UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
UP	UCC - 12 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.)
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)

BO	Buyers Color
EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)
IN	Buyer's Item Number
IZ	Buyer's Size Code
UA	U.P.C./EAN Case Code (2-5-5)
UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
UP	UCC - 12 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.)
VN	Vendor's (Seller's) Item Number

PO113 234 Product/Service ID X 1 AN 1/48
Identifying number for a product or service

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)

BO	Buyers Color
EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)
IN	Buyer's Item Number
IZ	Buyer's Size Code
UA	U.P.C./EAN Case Code (2-5-5)
UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item

		UP	Number (GTIN) UCC - 12 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.)			
		VN	Vendor's (Seller's) Item Number			
PO115	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12 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.)			
		VN	Vendor's (Seller's) Item Number			
PO117	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12 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.)			
		VN	Vendor's (Seller's) Item Number			
PO119	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
PO120	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)			
		BO	Buyers Color			

		EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12 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.)			
		VN	Vendor's (Seller's) Item Number			
PO121	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
PO122	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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12 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.)			
		VN	Vendor's (Seller's) Item Number			
PO123	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
PO124	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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12 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.) Vendor's (Seller's) Item Number		
PO125	234	VN	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		

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>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. See Section V (Pack/Inner Pack Usage) for usage examples.</p> <p>This segment may be used to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.</p> <p><u>See Wal-Mart Introduction for more information on Pack/Inner Pack usage.</u></p>

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
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			
<i>PO402</i>	<i>357</i>	<i>Size</i>	<i>X</i>	<i>1</i>	<i>R 1/8</i>
		<i>Size of supplier units in pack</i>			
<i>PO403</i>	<i>355</i>	<i>Unit or Basis for Measurement Code</i>	<i>X</i>	<i>1</i>	<i>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>			
<i>PO404</i>	<i>103</i>	<i>Packaging Code</i>	<i>X</i>	<i>1</i>	<i>AN 3/5</i>
		<i>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</i>			
<i>PO405</i>	<i>187</i>	<i>Weight Qualifier</i>	<i>O</i>	<i>1</i>	<i>ID 1/2</i>

PO406	384	Code defining the type of weight Gross Weight per Pack	X	1	R 1/9
PO407	355	Numeric value of gross weight per pack 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	X	1	ID 2/2
PO408	385	Gross Volume per Pack	X	1	R 1/9
PO409	355	Numeric value of gross volume per pack 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	X	1	ID 2/2
PO410	82	Length Largest horizontal dimension of an object measured when the object is in the upright position	X	1	R 1/8
PO411	189	Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	X	1	R 1/8
PO412	65	Height Vertical dimension of an object measured when the object is in the upright position	X	1	R 1/8
PO413	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	X	1	ID 2/2
PO414	810	Inner Pack The number of eaches per inner container	O	1	N0 1/6
PO415	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	1	ID 2/2
PO416	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	X	1	AN 1/20
PO417	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O	1	AN 1/20
PO418	1470	Number A generic number	O	1	N0 1/9

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 1300
Loop: PO1-SAC
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, 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.

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

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
M	SAC01	248	Allowance or Charge Indicator	M	1	ID 1/1
			Code which indicates an allowance or charge for the service specified			
			A Allowance			
			C Charge			
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	1	ID 4/4
			Code identifying the service, promotion, allowance, or charge			
			A260 Advertising Allowance			
			B000 Central Buy			
			B270 Collect Surcharge			
			Collection Allowance			
			B720 Cooperative Advertising/Merchandising Allowance (Performance)			

		B950	Damaged Merchandise		
		C000	Defective Allowance		
		C300	Discount - Special		
		C310	Discount		
		C320	Display Allowance		
		C490	Drum Deposit		
		C510	Dry Ice		
		C530	Duty Charge		
		C540	Early Buy Allowance		
		C550	Early Payment Allowance		
			<u>This is the equivalent to "Cash Discount"</u>		
		C580	Emergency Service		
			<u>Emergency Order Fee</u>		
		D170	Free Goods		
		D240	Freight		
		D260	Fuel Charge		
			<u>Gross Receipts Tax</u>		
		D500	Handling		
		E720	New Distribution Allowance		
		E740	New Store Allowance		
		E750	New Store Discount		
		F180	Pallet		
		F210	Parish/County Sales Tax (only)		
			<u>County Excise Tax</u>		
		F330	Pickup and Delivery		
		F340	Pick/Up		
		F580	Preparation and Delivery		
		F670	Price and Marketing Allowance		
		F800	Promotional Allowance		
		F910	Quantity Discount		
		F920	Quantity Surcharge		
		F970	Rebate		
		G470	Restocking Charge		
			<u>Restocking Fee</u>		
		G970	Small Order Charge		
			<u>Order Quantity Fee</u>		
		H000	Special Allowance		
		H010	Special Buy		
		H420	Storage in Transit		
		H560	Swell		
		H750	Tax - Sales Tax (State and Local)		
			<u>Pre collected/Prepaid Sales Tax</u>		
		H770	Tax - State Tax		
			<u>State Excise Tax</u>		
		H780	Tax - Super Fund Excise Tax		
			<u>Federal Super fund</u>		
		H920	Temporary Allowance		
		I170	Trade Discount		
		I310	Truckload Discount		
		I410	Unsaleable Merchandise Allowance		
		I530	Volume Discount		
		I570	Warehouse		
SAC03	559	Agency Qualifier Code		X	1 ID 2/2
		Code identifying the agency assigning the code values			
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code		X	1 AN 1/10
		Agency maintained code identifying the service, promotion, allowance, or charge			
SAC05	610	Amount		O	1 N2 1/15
		Monetary amo unt			

		When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.			
SAC06	378	Allowance/Charge Percent Qualifier	X	1	ID 1/1
		Code indicating on what basis allowance or charge percent is calculated			
		6	Base Price Amount		
SAC07	332	Percent, Decimal Format	X	1	R 1/6
		Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)			
		The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".			
SAC08	118	Rate	O	1	R 1/9
		Rate expressed in the standard monetary denomination for the currency specified			
SAC09	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			
		CA	Case		
		EA	Each		
SAC10	380	Quantity	X	1	R 1/15
		Numeric value of quantity			
		When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.			
		SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.			
SAC11	380	Quantity	O	1	R 1/15
		Numeric value of quantity			
SAC12	331	Allowance or Charge Method of Handling Code	O	1	ID 2/2
		Code indicating method of handling for an allowance or charge			
		01	Bill Back		
		The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.			
		02	Off Invoice		
		The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.			
		03	Vendor Check to Customer		
		The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.			
		04	Credit Customer Account		
		The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.			
SAC13	127	Reference Identification	X	1	AN 1/50
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
SAC14	770	Option Number	O	1	AN 1/20
		A unique number identifying available promotion or allowance options when more than one is offered			
SAC15	352	Description	X	1	AN 1/80
		A free-form description to clarify the related data elements and their content			
SAC16	819	Language Code	O	1	ID 2/3

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	SDQ Destination Quantity
Position:	1900
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	500
Purpose:	To specify destination and quantity detail
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SDQ05 or SDQ06 is present, then the other is required. 2 If either SDQ07 or SDQ08 is present, then the other is required. 3 If either SDQ09 or SDQ10 is present, then the other is required. 4 If either SDQ11 or SDQ12 is present, then the other is required. 5 If either SDQ13 or SDQ14 is present, then the other is required. 6 If either SDQ15 or SDQ16 is present, then the other is required. 7 If either SDQ17 or SDQ18 is present, then the other is required. 8 If either SDQ19 or SDQ20 is present, then the other is required. 9 If either SDQ21 or SDQ22 is present, then the other is required.
Semantic Notes:	1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:	<ol style="list-style-type: none"> 1 SDQ02 is used only if different than previously defined in the transaction set. 2 SDQ03 is the store number. 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.
Notes:	

This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in this segment function as N104. The sum of all quantities in the SDQ segment(s) for a line item must equal the quantity ordered in PO102.

IMPORTANT:

Wal-Mart uses Global Location Numbers (GLN) to represent each store location in an SDQ segment. These numbers are non-parseable. You cannot determine the store number by parsing it out of the GLN. You must reference the GLN from the 816 (Organizational Relationship) document and retrieve the correct store number from there.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SDQ01	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
	SDQ02	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	O 1 ID 1/2
M	SDQ03	67	Identification Code Code identifying a party or other code	M 1 AN 2/80
M	SDQ04	380	Quantity Numeric value of quantity	M 1 R 1/15
	SDQ05	67	Identification Code Code identifying a party or other code	X 1 AN 2/80
	SDQ06	380	Quantity Numeric value of quantity	X 1 R 1/15

SDQ07	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ08	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ09	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ10	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ11	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ12	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ13	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ14	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ15	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ16	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ17	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ18	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ19	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ20	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ21	67	Identification Code Code identifying a party or other code	X	1	AN 2/80
SDQ22	380	Quantity Numeric value of quantity	X	1	R 1/15
SDQ23	310	<i>Location Identifier</i> <i>Code which identifies a specific location</i>	O	1	AN 1/30

Segment:	N9 Extended Reference Information - Store Number
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:	
Notes:	<u>This instance of the N9 Segment is used to convey the store numbers that a New Store Allowance applies to. It is informational only.</u>

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification ST Store 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>Wal-Mart Global Location Number (GLN)</u>	X	1 AN 1/50
	N903	369 <i>Free-form Description</i> <i>Free-form descriptive text</i>	<i>X</i>	<i>1</i> AN 1/45
	N904	373 <i>Date</i> <i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>	<i>O</i>	<i>1</i> DT 8/8
	N905	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>	<i>X</i>	<i>1</i> TM 4/8
	N906	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>	<i>O</i>	<i>1</i> ID 2/2
	N907	C040 <i>Reference Identifier</i> <i>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</i>	<i>O</i>	<i>1</i>
	C04001	128 <i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	<i>M</i>	<i>ID 2/3</i>
	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>	<i>M</i>	<i>AN 1/50</i>
	C04003	128 <i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	<i>X</i>	<i>ID 2/3</i>
	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>	<i>X</i>	<i>AN 1/50</i>
	C04005	128 <i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	<i>X</i>	<i>ID 2/3</i>

C04006	127	<i>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:**N9 Extended Reference Information - Notes****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**

M	Ref.	Data			Attributes
	Des.	Element	Name		
	N901	128	Reference Identification Qualifier	M	1 ID 2/3
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
	N902	127	Reference Identification	X	1 AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			This will always contain the literal, "Special Instructions"		
	N903	369	<i>Free-form Description</i>	X	1 AN 1/45
			<i>Free-form descriptive text</i>		
	N904	373	<i>Date</i>	O	1 DT 8/8
			<i>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</i>		
	N905	337	<i>Time</i>	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>		
	N906	623	<i>Time Code</i>	O	1 ID 2/2
			<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>		
	N907	C040	<i>Reference Identifier</i>	O	1
			<i>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</i>		
	C04001	128	<i>Reference Identification Qualifier</i>	M	ID 2/3
			<i>Code qualifying the Reference Identification</i>		
	C04002	127	<i>Reference Identification</i>	M	AN 1/50
			<i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>		
	C04003	128	<i>Reference Identification Qualifier</i>	X	ID 2/3
			<i>Code qualifying the Reference Identification</i>		
	C04004	127	<i>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>		
	C04005	128	<i>Reference Identification Qualifier</i>	X	ID 2/3
			<i>Code qualifying the Reference Identification</i>		
	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: MTX Text
Position: 3400
Loop: PO1-N9
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.</u> <u>Des.</u>	<u>Data</u> <u>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 Wal-Mart will send no more than 80 characters in a single instance.	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:	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 SLN 10 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:	<p>This segment can be used to specify the originally ordered SKU for substituted SKUs. This segment can also be used to specify SKU contents of an assortment. The assortment can be defined by the retailer or the vendor. The assortment identification is in the line item detail segment for the transaction. This segment may be used to specify partial deletions of SKUs ordered but not invoiced and/or shipped.</p> <p>If SLN03 contains code D or code I, then SLN04 and SLN05 are required.</p>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M 1 AN 1/20
	<i>SLN02</i>	<i>350</i>	<i>Assigned Identification</i> Alphanumeric characters assigned for differentiation within a transaction set	<i>O 1 AN 1/20</i>
M	SLN03	662	Relationship Code Code indicating the relationship between entities I Included	M 1 ID 1/1
	SLN04	380	Quantity Numeric value of quantity	X 1 R 1/15
	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X 1
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2

		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		EA Each		
C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
C00104	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	O	ID 2/2
C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
C00107	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	O	ID 2/2
C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
C00110	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	O	ID 2/2
C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
C00113	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	O	ID 2/2
C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	X	1 R 1/17
SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O	1 ID 2/2
SLN08	662	Relationship Code Code indicating the relationship between entities	O	1 ID 1/1
SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1 ID 2/2
		BO Buyers Color		
		EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)		
		IN Buyer's Item Number		
		IZ Buyer's Size Code		
		UA U.P.C./EAN Case Code (2-5-5)		
		UK GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)		
		UP UCC - 12 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.)			
		VN	Vendor's (Seller's) Item Number			
SLN10	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13			
			Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure			
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12			
			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.)			
		VN	Vendor's (Seller's) Item Number			
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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13			
			Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure			
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12			
			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.)			
		VN	Vendor's (Seller's) Item Number			
SLN14	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
SLN15	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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13			
			Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			

		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure			
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12			
			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.)			
		VN	Vendor's (Seller's) Item Number			
SLN16	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
SLN17	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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13			
			Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure			
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12			
			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.)			
		VN	Vendor's (Seller's) Item Number			
SLN18	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service			
SLN19	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)			
		BO	Buyers Color			
		EN	EAN/UCC - 13			
			Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure			
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12			
			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.)			
		VN	Vendor's (Seller's) Item Number			

SLN20	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
SLN21	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
		BO Buyers Color			
		EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN Buyer's Item Number			
		IZ Buyer's Size Code			
		UA U.P.C./EAN Case Code (2-5-5)			
		UK GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP UCC - 12 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.)			
		VN Vendor's (Seller's) Item Number			
SLN22	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
SLN23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
SLN24	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
SLN25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
		BO Buyers Color			
		EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN Buyer's Item Number			
		IZ Buyer's Size Code			
		UA U.P.C./EAN Case Code (2-5-5)			
		UK GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP UCC - 12 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.)			
		VN Vendor's (Seller's) Item Number			
SLN26	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
SLN27	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
		BO Buyers Color			
		EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN			

			International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		IN	Buyer's Item Number			
		IZ	Buyer's Size Code			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UK	GTIN 14-digit Data Structure			
			Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP	UCC - 12			
			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.)			
		VN	Vendor's (Seller's) Item Number			
SLN28	234	Product/Service ID		X	1	AN 1/48
		Identifying number for a product or service				

Segment: **AMT** Monetary Amount In formation
Position: 6000
Loop: PO1-AMT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
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	AMT01	522	Amount Qualifier Code Code to qualify amount 1 Line Item Total	M 1 ID 1/3
M	AMT02	782	Monetary Amount Monetary amount	M 1 R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O 1 ID 1/1

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			
Des.	Element	Name	Attributes	
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
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
		Example:		
		-.0018 First occurrence of value being hashed.		
		.18 Second occurrence of value being hashed.		
		1.8 Third occurrence of value being hashed.		
		18.01 Fourth occurrence of value being hashed.		
		18E2 Fifth occurrence of value being hashed.		

		1873 Hash Total		
	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		
	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		
	CTT07	352	Description	O 1 AN 1/80
		A free-form description to clarify the related data elements and their content		

Segment: **AMT** **Monetary Amount Information**
Position: 0200
Loop: CTT
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
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	AMT01	522	Amount Qualifier Code Code to qualify amount GV Gross Value	M 1 ID 1/3
M	AMT02	782	Monetary Amount Monetary amount This is the total amount of the purchase order (including charges, less allowances) before terms discount (if discount is applicable).	M 1 R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O 1 ID 1/1

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.</u> <u>Des.</u>	<u>Data</u> <u>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 This must be the same number as is in the ST segment (ST02) for the transaction set.	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 Identification	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	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	O	>1		
	2860	MTX	Text	O	>1		
	2865	REF	Reference Identification	O	>1		
LOOP ID - AMT						>1	

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2870	AMT	Monetary Amount	O	1
2890	REF	Reference Identification	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
2940	FA2	Accounting Data	M	>1
LOOP ID - N9				1000
2950	N9	Reference Identification	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	Name	O	1
3200	N2	Additional Name Information	O	2
3250	IN2	Individual Name Structure Components	O	>1
3300	N3	Address Information	O	2
3400	N4	Geographic Location	O	>1
3450	NX2	Location ID Component	O	>1
3500	REF	Reference Identification	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 - N1				200
3100	N1	Name	O	1
3200	N2	Additional Name Information	O	2
3250	IN2	Individual Name Structure Components	O	>1
3300	N3	Address Information	O	2
3400	N4	Geographic Location	O	>1
3450	NX2	Location ID Component	O	>1
3500	REF	Reference Identification	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

4400	LQ	Industry Code	M	>1
LOOP ID - SPI				>1
4500	SPI	Specification Identifier	O	1
4600	REF	Reference Identification	O	5
4700	DTM	Date/Time Reference	O	5
4800	MTX	Text	O	>1
LOOP ID - N1				20
4900	N1	Name	O	1
5000	N2	Additional Name Information	O	2
5100	N3	Address Information	O	2
5200	N4	Geographic Location	O	1
5300	REF	Reference Identification	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 Identification	O	20
5800	DTM	Date/Time Reference	O	5
5900	LDT	Lead Time	O	1
6000	MTX	Text	O	>1
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
M	LOOP ID - PO1					100000
	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 Identification	O	>1	
	1100	PER	Administrative Communications Contact	O	3	
	LOOP ID - SAC					25

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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	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	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 Identification	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	O	>1
3230	MTX	Text	O	>1
3240	REF	Reference Identification	O	3
LOOP ID - LM				>1
3250	LM	Code Source Information	O	1
3260	LQ	Industry Code	M	>1

3270	LE	Loop Trailer	O	1
LOOP ID - N9			1000	
3300	N9	Reference Identification	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	Name	O	1
3600	N2	Additional Name Information	O	2
3650	IN2	Individual Name Structure Components	O	>1
3700	N3	Address Information	O	2
3800	N4	Geographic Location	O	1
3830	QTY	Quantity	O	>1
3850	NX2	Location ID Component	O	>1
3900	REF	Reference Identification	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 Time)	O	12
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	O	10
4660	QTY	Quantity	O	5
4680	MTX	Text	O	>1
4690	REF	Reference Identification	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
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	Reference Identification	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	O	1
5300	SI	Service Characteristic Identification	O	>1
LOOP ID - N1				10
5350	N1	Name	O	1
5400	N2	Additional Name Information	O	2
5450	IN2	Individual Name Structure Components	O	>1
5500	N3	Address Information	O	2
5600	N4	Geographic Location	O	1
5700	NX2	Location ID Component	O	>1
5800	REF	Reference Identification	O	12
5900	PER	Administrative Communications Contact	O	3
5950	SI	Service Characteristic Identification	O	>1
LOOP ID - AMT				>1
6000	AMT	Monetary Amount	O	1
6100	REF	Reference Identification	O	1
6120	PCT	Percent Amounts	O	>1
LOOP ID - LM				>1
6200	LM	Code Source Information	O	1
6300	LQ	Industry Code	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	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

The purpose of this section is to present and explain the application of the ASC X12 standards as they pertain to the retail industry implementation of the Purchase Order Transaction Set.

Within the retail industry, two distinct methods for ordering goods have been identified. The first type, or “basic”, is the most common, and is used to order goods separately for each location, i.e., one store ordering per PO. The second type, or “spreadsheet”, is utilized to order the same item for multiple locations, i.e., a specific quantity of one item is distributed to multiple locations. The actual quantity distributed to each location need not be the same.

The spreadsheet order usually implies predistribution by the vendor. Orders are packaged for the store and either sent directly to the store or to a central location (distribution center). The basic order can be used in the pre or post distribution environment. In the post distribution environment the buying location is the distribution center. The distribution center allocates each store’s quantity.

The purchase order in its most simplistic form, assumes that the receiver has, most of the general data about the sender and their locations (stores) within their systems. This data includes bill to, ship to, mark for, terms, etc., for each sender location. For each ordering location the receiver of the order knows where to send the goods, where to send the bill, and what terms are to be applied. The sender only needs to inform the receiver of the location ordering the goods, when delivery is expected, and the detail specification for the goods (SKUs), including order quantity for each SKU.

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 Identification	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		
LOOP ID - SAC						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		
LOOP ID - N9						1000	
	2950	N9	Reference Identification	O	1		
	3000	MTX	Text	O	>1		
LOOP ID - N1						200	
	3100	N1	Name	O	1		
	3200	N2	Additional Name Information	O	2		
	3300	N3	Address Information	O	2		
	3400	N4	Geographic Location	O	>1		
	3500	REF	Reference Identification	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>
LOOP ID - PO1						100000	
M	0100	PO1	Baseline Item Data	M	1		n1

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		LOOP ID - CTP	>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
		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	Reference Identification	O 1
		LOOP ID - N1	200
3500	N1	Name	O 1
3600	N2	Additional Name Information	O 2
3700	N3	Address Information	O 2
3800	N4	Geographic Location	O 1
3900	REF	Reference Identification	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	

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	0100	CTT	Transaction Totals	O	1	n2
	0200	AMT	Monetary Amount	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. This segment identifies Wal-Mart Stores, Inc. as the sender of the document

Data Element Summary				
1	Ref. Des.	Data Element	Name	
M	N101	98	Entity Identifier Code	8
2			Code identifying an organizational entity, a physical location, property or an individual	
3			FR Message From	
	N102	93	Name	4.1
			Free-form name	
	N103	66	Identification Code Qualifier	4.2
			Code designating the system/method of code structure used for Identification Code (67)	
			UL UCC/EAN Location Code	
			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	7
5	N104	67	Identification Code	4.3
			Code identifying a party or other code	
1	N105	706	Entity Relationship Code	
			Code describing entity relationship	
6	N106	98	Entity Identifier Code	
			Code identifying an organizational entity, a physical location, property or an individual	

850 Purchase Order - Changes from Previous (4030) Version

NOTE: This change summary is included as a checklist only, to help ensure that all changes have been accounted for. It is not to be used as a complete implementation reference, as it does not include all of the necessary information.

<u>Segment /Element</u>	<u>5010 Position</u>	<u>Data Element</u>	<u>Change</u>	<u>Qualifier</u>
SAC	H1200	1300	Codes Added	C510 Ice Charge D260 Fuel Charge F340 Pickup Allowance H000 Specialty (tectrol Gas) H560 Swell
SAC	H1200	1300	Codes Deleted	H910 Temperature Protection (this is no longer used)
PO1	D0100	235	Added	UK – GTIN 14-digit Data Structure
SAC	D1300	1300	Codes Added	C510 Ice Charge D260 Fuel Charge F340 Pickup Allowance H000 Specialty (tectrol Gas) H560 Swell
SAC	D1300	1300	Codes Deleted	H910 Temperature Protection (this is no longer used)
SLN	D4700	235	Added	UK – GTIN 14-digit Data Structure
AMT	S0200	522	Deleted	TT – Total Transaction Amount

Change History

Date	Version	Description of Changes
November 10, 2004	DRAFT 0.1	Original DRAFT version published.
February 7, 2005	Version 1.0	Production Version published
July 12, 2005	Version 1.1	Update for Errors and Omissions
October 19, 2005	Version 1.2	Removed several unused allowance codes from summary and detail level of SAC.
December 21, 2005	Version 1.3	Updated PO1 and SLN to show that any Identification Number pair can be used.