



Harris Teeter
YOUR NEIGHBORHOOD MARKET

855 Purchase Order Acknowledgment

X12/V5010/855 : 855 Purchase Order Acknowledgment

Version: 1.0

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Company:	Kroger
Notes:	

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855 Purchase Order Acknowledgment

Functional Group=PR

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	ST	Transaction Set Header	M	1		
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
0500	REF	Reference Information	O	>1		
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
1500	DTM	Date/Time Reference	O	10		
1900	PID	Product/Item Description	O	200		
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
LOOP ID - N1					200	
3000	N1	Party Identification	O	1		
3200	N3	Party Location	O	2		
3300	N4	Geographic Location	O	1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - PO1					100000	N2/0100L
0100	PO1	Baseline Item Data	O	1		
0900	PO4	Item Physical Details	O	>1		
2000	DTM	Date/Time Reference	O	10		
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
LOOP ID - ACK					104	
2700	ACK	Line Item Acknowledgment	O	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - CTT					1	N3/0100L
0100	CTT	Transaction Totals	O	1		
0300	SE	Transaction Set Trailer	M	1		

DataSample:

ST*855*1290001~
 BAK*00*AP*123647*20251201~
 DTM*067*20251209~
 DTM*068*20251209~
 TD5***H~

N1*VN*Vendorname*9*847449121000~
N1*ST**9*0472793511004~
N1*SF**9*847449121WF14~
PO1**350*CA***UK*00068274360176~
PO4*6~
PO1**35*CA***UK*00068274360282~
PO4*6~
PO1**225*CA***UK*00082657631134~
PO4*24~
PO1**576*CA***UK*00082657723228~
PO4*24~
PO1**40*CA***UK*00082657914398~
PO4*18~
CTT*5~
SE*20*1290001~

Data sample 2

ST*855*0040~
BAK*00*AD*667792*20251201~
REF*IA*001988~
DTM*004*20251201~
DTM*010*20251201~
DTM*002*20251209~
TD5**2*BESTWAY~
N1*ST*Harris Teeter*93*0472793510003~
N3*200 Distribution Drive~
N4*Greensboro*NC*27410~
N1*BT*HARRIS TEETER, INC.*93*0472793510000~
N3*PO Box 10100~
N4*Matthews*NC*28106~
PO1*1*6*CA*210.24**UI*20646011001045~
ACK*IA~
PO1*1*6*CA*212.64**UI*20646011001021~
ACK*IA~
PO1*1*6*CA*216**UI*20646011001144~
ACK*IA~
CTT*3~
SE*21*0040~

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set						
Code Name						
855 Purchase Order Acknowledgment						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
ST03	1705	Implementation Convention Reference	O	AN	1/35	Used
Description: Reference assigned to identify Implementation Convention						

DataSample:

ST*855*0040~

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

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

Element Summary:

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

Description: Code identifying purpose of transaction set

Code Name

- 00 Original
- 01 Cancellation
- 05 Replace
- 16 Proposed
- 19 Seller initiated change
- 27 Verify
- 48 Suspended

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

Code Name

- AC Acknowledge - With Detail and Change
- AD Acknowledge - With Detail, No Change
- AE Acknowledge - With Exception Detail Only
- AH Acknowledge - Hold Status
- AK Acknowledge - No Detail or Change
- AP Acknowledge - Product Replenishment
- AT Accepted
- RF Reject with Exception Detail Only
- RJ Rejected - No Detail

BAK03	324	Purchase Order Number	M	AN	1/22	Must use
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Description: Identifying number for Purchase Order assigned by the orderer/purchaser

BAK04	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

BAK05	328	Release Number	O	AN	1/30	Used
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Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

BAK06	326	Request Reference Number	O	AN	1/45	Used
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Description: Reference number or RFQ number to use to identify a particular transaction

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		set and query (additional reference number or description which can be used with contract number)				
BAK07	367	Contract Number	O	AN	1/30	Used
		Description: Contract number				
BAK08	127	Reference Identification	O	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
BAK09	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

DataSample:

BAK*00*AP*4770*20251201*****20251201~
 BAK*00*AD*667792*20251201~
 BAK*00*AK*666788*20251126~

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 4

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code Name				
		IA		Internal Vendor Number		
REF02	127	Reference Identification	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF03	352	Description	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
REF04	C040	Reference Identifier	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
REF04-01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		All valid standard codes are used.				
REF04-02	127	Reference Identification	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF04-03	128	Reference Identification Qualifier	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		All valid standard codes are used.				
REF04-04	127	Reference Identification	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF04-05	128	Reference Identification Qualifier	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		All valid standard codes are used.				
REF04-06	127	Reference Identification	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

DataSample:

REF*IA*001988~

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: 5
Heading - Optional	
Loop: N/A	Elements: 15

Purpose: To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	O	ID	2/2	Used
		Description: Code identifying type of payment terms All valid standard codes are used.				
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
		Description: Code identifying the beginning of the terms period All valid standard codes are used.				
ITD03	338	Terms Discount Percent	O	R	1/6	Used
		Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date				
ITD04	370	Terms Discount Due Date	X	DT	8/8	Used
		Description: 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				
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned				
ITD06	446	Terms Net Due Date	O	DT	8/8	Used
		Description: Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year				
ITD07	386	Terms Net Days	O	N0	1/3	Used
		Description: Number of days until total invoice amount is due (discount not applicable)				
ITD08	362	Terms Discount Amount	O	N2	1/10	Used
		Description: Total amount of terms discount				
ITD09	388	Terms Deferred Due Date	O	DT	8/8	Used
		Description: 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				
ITD10	389	Deferred Amount Due	X	N2	1/10	Used
		Description: Deferred amount due for payment				
ITD11	342	Percent of Invoice Payable	X	R	1/5	Used
		Description: Amount of invoice payable expressed in percent				
ITD12	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
ITD13	765	Day of Month	X	N0	1/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced				
ITD14	107	Payment Method Type Code	O	ID	1/2	Used
		Description: Code identifying type of payment procedures All valid standard codes are used.				
ITD15	954	Percentage as Decimal	O	R	1/10	Used
		Description: Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%)				

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 4

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

Code Name

- 002 Delivery Requested
- 004 Purchase Order
- 010 Requested Ship
- 012 Terms Discount Due
- 067 Current Schedule Delivery
- 068 Current Schedule Ship

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

DTM03	337	Time	X	TM	4/8	Used
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Description: 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)

DTM06	1251	Date Time Period	X	AN	1/35	Used
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Description: Expression of a date, a time, or range of dates, times or dates and times

DataSample:

DTM*067*20251210~
 DTM*068*20251208~
 DTM*004*20251201~
 DTM*010*20251201~
 DTM*002*20251209~

PID Product/Item Description

Pos: 1900	Max: 200
Heading - Optional	
Loop: N/A	Elements: 9

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

Element Summary:

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

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400	Max: 12
Heading - Optional	
Loop: N/A	Elements: 15

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD501	133	Routing Sequence Code	O	ID	1/2	Used
		Description: Code describing the relationship of a carrier to a specific shipment movement All valid standard codes are used.				
TD502	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		<u>Code</u>		<u>Name</u>		
		2		Standard Carrier Alpha Code (SCAC)		
TD503	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment				
		<u>Code</u>		<u>Name</u>		
		H		Customer Pickup		
		K		Backhaul		
		M		Motor (Common Carrier)		
TD505	387	Routing	X	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
TD506	368	Shipment/Order Status Code	X	ID	2/2	Used
		Description: 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 All valid standard codes are used.				
TD507	309	Location Qualifier	O	ID	1/2	Used
		Description: Code identifying type of location All valid standard codes are used.				
TD508	310	Location Identifier	X	AN	1/30	Used
		Description: Code which identifies a specific location				
TD509	731	Transit Direction Code	O	ID	2/2	Used
		Description: The point of origin and point of direction All valid standard codes are used.				
TD510	732	Transit Time Direction Qualifier	O	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code specifying the value of time used to measure the transit time All valid standard codes are used.				
TD511	733	Transit Time	X	R	1/4	Used
		Description: The numeric amount of transit time				
TD512	284	Service Level Code	X	ID	2/2	Used
		Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier All valid standard codes are used.				
TD513	284	Service Level Code	X	ID	2/2	Used
		Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier All valid standard codes are used.				
TD514	284	Service Level Code	O	ID	2/2	Used
		Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier All valid standard codes are used.				
TD515	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

DataSample:

TD5***H~
 TD5***M~
 TD5***K~

N1 Party Identification

Pos: 3000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

Element Summary:

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

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

Code Name

SF Ship From
 ST Ship To
 VN Vendor

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

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

Code Name

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
 FA Facility Identification
 ZZ Mutually Defined

N104	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

DataSample:

```
N1*ST**9*0472793511004~
N1*VN*Vendorname*9*0013390350000~
N1*SF**9*0013390355684~
N1*ST*Harris Teeter*FA*0472793510005~
N1*VN*Vendorname*ZZ*041400~
```

N3 Party Location

Pos: 3200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

DataSample:

*N3*200 Distribution Drive~
N3*PO Box 10100~*

N4 Geographic Location

Pos: 3300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				

DataSample:

N4*Greensboro*NC*27410~
 N4*Matthews*NC*28106~

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Optional	
Loop: PO1	Elements: 7

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<u>Code</u>	<u>Name</u>			
		CA	Case			
		EA	Each			
PO104	212	Unit Price	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
		Description: Code identifying the type of unit price for an item				
		All valid standard codes are used.				
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>	<u>Name</u>			
		UA	U.P.C./EAN Case Code (2-5-5)			
		UI	U.P.C. Consumer Package Code (1-5-5)			
		UK	GTIN 14-digit Data Structure			
PO107	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

DataSample:

```
PO1**82*CA***UK*00017800101943~
PO1*1*6*CA*210.24**UI*20646011001045~
PO1*1*144*CA*20.82*CP*UA*002484232111~
```

PO4 Item Physical Details

Pos: 0900 Max: >1
 Detail - Optional
 Loop: PO1 Elements: 18

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	Pack	O	N0	1/6	Used
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container				
PO402	357	Size	X	R	1/8	Used
		Description: Size of supplier units in pack				
PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.				
PO404	103	Packaging Code	X	AN	3/5	Used
		Description: 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				
		All valid standard codes are used.				
PO405	187	Weight Qualifier	O	ID	1/2	Used
		Description: Code defining the type of weight				
		All valid standard codes are used.				
PO406	384	Gross Weight per Pack	X	R	1/9	Used
		Description: Numeric value of gross weight per pack				
PO407	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.				
PO408	385	Gross Volume per Pack	X	R	1/9	Used
		Description: Numeric value of gross volume per pack				
PO409	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.				
PO410	82	Length	X	R	1/8	Used
		Description: Largest horizontal dimension of an object measured when the object is in the upright position				
PO411	189	Width	X	R	1/8	Used
		Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO412	65	Height	X	R	1/8	Used
		Description: Vertical dimension of an object measured when the object is in the upright position				
PO413	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.				
PO414	810	Inner Pack	O	N0	1/6	Used
		Description: The number of eaches per inner container				
PO415	752	Surface/Layer/Position Code	O	ID	2/2	Used
		Description: Code indicating the product surface, layer or position that is being described				
		All valid standard codes are used.				
PO416	350	Assigned Identification	X	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO417	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO418	1470	Number	O	N0	1/9	Used
		Description: A generic number				

DataSample:

PO4*12~
PO4*4~

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: PO1	Elements: 3

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time
All valid standard codes are used.

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

DTM03	337	Time	X	TM	4/8	Used
-------	-----	------	---	----	-----	------

Description: 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)

DataSample:

DTM*067*20251210~
 DTM*068*20251208~
 DTM*004*20251201~
 DTM*010*20251201~
 DTM*002*20251209~

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400	Max: 12
Detail - Optional	
Loop: PO1	Elements: 5

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD501	133	Routing Sequence Code	O	ID	1/2	Used
		Description: Code describing the relationship of a carrier to a specific shipment movement All valid standard codes are used.				
TD502	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67) All valid standard codes are used.				
TD503	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment All valid standard codes are used.				
TD505	387	Routing	X	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				

DataSample:

TD5****H~
 TD5****M~
 TD5****K~

ACK Line Item Acknowledgment

Pos: 2700 Max: 1
 Detail - Optional
 Loop: ACK Elements: 12

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ACK01	668	Line Item Status Code	M	ID	2/2	Must use
<p>Description: Code specifying the action taken by the seller on a line item requested by the buyer</p> <p>All valid standard codes are used.</p>						
ACK02	380	Quantity	X	R	1/15	Used
<p>Description: Numeric value of quantity</p>						
ACK03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>All valid standard codes are used.</p>						
ACK04	374	Date/Time Qualifier	O	ID	3/3	Used
<p>Description: Code specifying type of date or time, or both date and time</p> <p>All valid standard codes are used.</p>						
ACK05	373	Date	X	DT	8/8	Used
<p>Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</p>						
ACK06	326	Request Reference Number	O	AN	1/45	Used
<p>Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)</p>						
ACK07	235	Product/Service ID Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>All valid standard codes are used.</p>						
ACK08	234	Product/Service ID	X	AN	1/48	Used
<p>Description: Identifying number for a product or service</p>						
ACK09	235	Product/Service ID Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>All valid standard codes are used.</p>						
ACK10	234	Product/Service ID	X	AN	1/48	Used
<p>Description: Identifying number for a product or service</p>						
ACK11	235	Product/Service ID Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type/source of the descriptive number used in</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Product/Service ID (234) All valid standard codes are used.				
ACK12	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

DataSample:

ACK*IA~

CTT Transaction Totals

Pos: 0100 Max: 1
 Summary - Optional
 Loop: CTT Elements: 7

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	Hash Total	O	R	1/10	Used
		Description: 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	R	1/10	Used
		Description: Numeric value of weight				
CTT04	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used.				
CTT05	183	Volume	X	R	1/8	Used
		Description: Value of volumetric measure				
CTT06	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used.				
CTT07	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

DataSample:

SE*20*1290001~