Verizon Logistics 855 Implementation Guide
ANSI Version 4010

855 Purchase Order Acknowledgement
EDI Implementation Guide
Trading Partner Edition

ANSI Version 4010
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855 Purchase Order Acknowledgment

Functional Group ID=PR

Introduction:

This Standard contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of VERIZON Logistics's Electronic Data Interchange (EDI) environment. The seller uses this transaction set to provide VERIZON Logistics with an acknowledgment to their original purchase order. VERIZON Logistics uses a three-way check to match the purchase order acknowledgment with the original purchase order; the purchase order number, the line item number, and the buyer's part number. The purchase order acknowledgment is also used to advise VERIZON Logistics that the merchandise has or will be shipped as requested, or to notify them of any quantity, price or shipping changes so that potential problems can be prevented prior to shipping or billing.
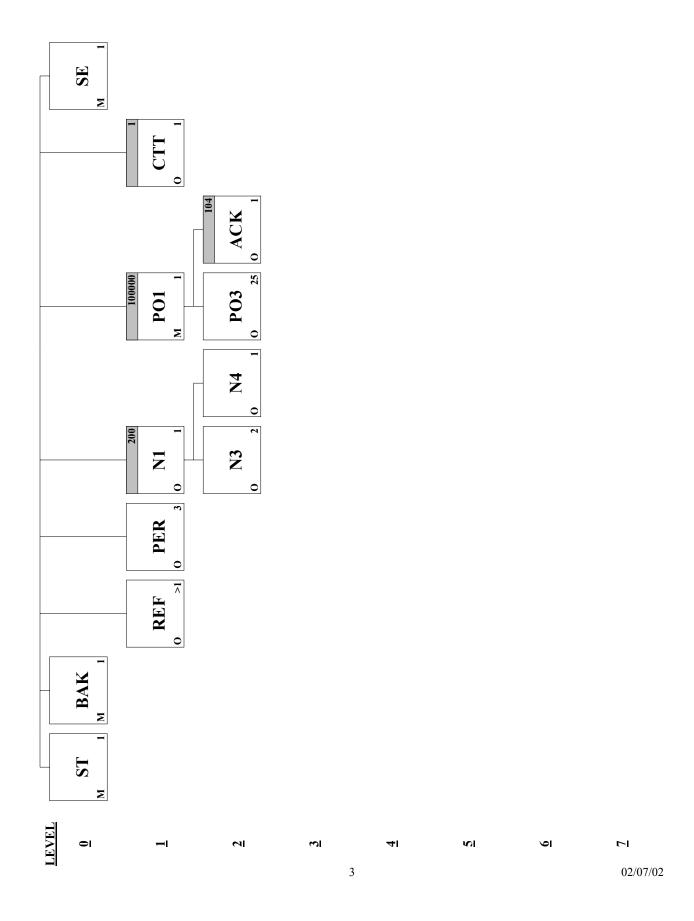
Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	050	REF	Reference Identification	O	>1		
	060	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
	300	N1	Name	O	1		
	320	N3	Address Information	O	2		
	330	N4	Geographic Location	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
M	010	PO1	Baseline Item Data	M	1		n1
	030	PO3	Additional Item Detail	O	25		
			LOOP ID - ACK			104	
Must Use	270	ACK	Line Item Acknowledgment	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n2
M	030	SE	Transaction Set Trailer	M	1		

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LEVEL							
0	1	2	3	4	5	6	7

Segments:

- ST (M, 1)
- BAK (M, 1)
- REF (O, >1)
- PER (O, 3)
- N1 (O, 1) [200]
  - N3 (O, 2)
  - N4 (O, 1)
- PO1 (M, 1) [100000]
  - PO3 (O, 25)
  - ACK (O, 1) [104]
- CTT (O, 1) [1]
- SE (M, 1)

Segment:	**ST** Transaction Set Header		
Position:	010		
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., 850 selects the Purchase Order Transaction Set and the 810 selects the Invoice Transaction Set).	
Comments:			
Notes:	Example: ST*855*0012|		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**
			Code uniquely identifying a Transaction Set		
			855 Purchase Order Acknowledgment		
M	**ST02**	**329**	**Transaction Set Control Number**	**M**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			The data interchange control number must be identical to the same data element in the associated transaction set trailer, SE02.		

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Segment:	**BAK** Beginning Segment for Purchase Order Acknowledgment				

Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Example: BAK*00*AC*S911893215*19990428***AN3920943**19990428| BAK*00*AD*S1704775*19990619***CT934982903**19990619! BAK*00*AE*S915406071*19990603***9392039**19990603!

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	BAK01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
M	BAK02	587	**Acknowledgment Type**	M	ID 2/2
			Code specifying the type of acknowledgment		
			AC Acknowledge - With Detail and Change		
			AD Acknowledge - With Detail, No Change		
			AE Acknowledge - With Exception Detail Only		
M	BAK03	324	**Purchase Order Number**	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
M	BAK04	373	**Purchase Order Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
			The date assigned by the purchaser to the purchase order.		
	BAK07	367	**Contract Number**	O	AN 1/30
			Contract number		
			Vendor's Reference Number		
Must Use	BAK09	373	**Acknowledgment Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
			The date assigned by the sender to the acknowledgment.		

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Segment:		**REF** Reference Identification			
Position:		050			
Loop:					
Level:		Heading			
Usage:		Optional			
Max Use:		>1			
Purpose:		To specify identifying information			
Syntax Notes:					
Semantic Notes:		1 REF04 contains data relating to the value cited in REF02.			
Comments:					
Notes:		Example: REF*L1*3920394930203*GENERAL PURPOSE!			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
M	**REF02**	**127**	**Reference Identification**	**M**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			"PUR" Purchasing Information		
	REF03	**352**	**Description**	**O**	**AN 1/60**
			A free-form description to clarify the related data elements and their content		

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Segment:	**PER** Administrative Communications Contact		
Position:	060		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	3		
Purpose:	To identify the buyer to whom this communication should be directed		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	Example: PER*OC*ARTHUR JONES|		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**PER01**	**366**	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			OC Order Contact		
	PER02	**93**	**Name**	**O**	**AN 1/30**
			Free-form name		
			VERIZON Logistics buyer's name sent on the corresponding purchase order.		

02/07/02

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Segment:	**N1** Name	
Position:	300	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify the ship to location's 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	The Identification Code in element N104 is maintained by VERIZON Logistics.
Notes:	Example: N1*ST*VERIZON WAREHOUSE*92*5464613|	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			ST Ship To		
	N102	93	**Name**	X	**AN 1/30**
			Free-form name		
			Ship to name identified on the corresponding purchase order.		
	N103	66	**Identification Code Qualifier**	X	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			92 Assigned by Buyer or Buyer's Agent		
	N104	67	**Identification Code**	X	**AN 2/10**
			Code identifying a party or other code		
			Ship to location code identified on the corresponding purchase order.		

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Segment:	**N3** Address Information	
Position:	320	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the address of the ship to location.	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	Example: N3*PO BOX 123*157 WEST 57TH STREET|	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/30
			Address information		
			First address line of the ship to location.		
	N302	166	**Address Information**	O	AN 1/30
			Address information		
			Second address line of the ship to location.		

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Segment:	**N4** Geographic Location	
Position:	330	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the city, state and zip of the ship to location.	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	Example: N4*CINCINNATI*OH*43017|	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	City Name	O	AN 2/19
		Free-form text for city name		
		City in which the ship to location is located.		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		State in which the ship to location is located.		
N403	116	Postal Code	O	ID 3/9
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		Zip Code in which the ship to location is located.		

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	Segment:	**N1** Name
	Position:	300
	Loop:	N1 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify the ship from location's name and code
	Syntax Notes:	1 At least one of N102 or N103 is required.
	Semantic Notes:	
	Notes:	Example: N1*SF*VENDOR WAREHOUSE

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	M	ID 2/3

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

SF   Ship From

	N102	93	**Name**	X	AN 1/30

Free-form name

Ship from name.

VENDOR WAREHOUSE

Segment:		**N3** Address Information			
Position:		320			
Loop:		N1 Optional			
Level:		Heading			
Usage:		Optional			
Max Use:		2			
Purpose:		To specify the address of the ship from location.			
Syntax Notes:					
Semantic Notes:					
Comments:					
Notes:		Example: N3*PO BOX 123*157 WEST 57 STREET|			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/30
			Address information		
			First address line of the ship from location.		
			PO BOX 123		
	N302	166	**Address Information**	O	AN 1/30
			Address information		
			Second address line of the ship from location.		
			157 WEST 57 STREET		

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Segment:	**N4** Geographic Location	
Position:	330	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the city, state and zip of the ship from location.	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	Example: N4*CINCINNATI*OH*43017|	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**O**	**AN 2/19**
		Free-form text for city name		
		City in which the ship from location is located.		
		CINCINNATI		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
		State in which the ship from location is located.		
		OH		
N403	**116**	**Postal Code**	**O**	**ID 3/9**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		Zip Code in which the ship from location is located.		
		43017		

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Segment:	**PO1** Baseline Item Data	
Position:	010	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the line item data from the original purchase order	
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.
Semantic Notes:		
Comments:	1	The purchase order line item detail segment is required for VERIZON Logistics's processing. This segment should contain the original information on the purchase order that is being acknowledged.
	2	See the Data Element Dictionary for a complete list of IDs available for the Unit or Basis for Measurement Code.
	3	VERIZON Logistics recommends the Buyer's Item Number 'IN' be sent in positions PO106 - PO107.
	4	VERIZON Logistics recommends the Vender's Item Number 'VN' be sent in positions PO108 - PO109.
	5	VERIZON Logistics recommends the UPC Code 'UP' be sent in positions PO110 - PO111.

Notes: VERIZON Logistics requires the Buyer's Part Number (ID Code = 'BP') be transmitted in each PO1 segment. Without this product ID, VERIZON Logistics cannot match the Purchase Order Acknowledgment with the original Purchase Order.

Example:
PO1*0009*100*DP*100**BP*852297*VN*VN297990|
PO1*AAA849*100*DP*100.00*PD*BP*ASSEMBLY*VN*BRAND OR
LABEL*UP*CUST12345!

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	PO101	350	**Purchase Order Line Number**	M	AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set		
			The line item identification from the original purchase order. VERIZON Logistics must have the original line item number from the PO to match the POA with the PO.		
Must Use	PO102	330	**Quantity Ordered**	X	R 1/10
			Quantity ordered		
			The quantity ordered on the original purchase order.		
	PO103	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			The unit of measure code from the original purchase order.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PO104	212	**Unit Price**	X	R 1/13
			Price per unit of product, service, commodity, etc.		
			The unit price of material from the original purchase order. 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". Maximum of seven whole digits and five decimal places.		
	PO105	**639**	**Basis of Unit Price Code**	**O**	**ID 2/2**
			Code identifying the type of unit price for an item		
			The unit price basis from the original purchase order. Note: this value should be equivalent to the unit of measure basis.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Must Use	**PO106**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			VERIZON Logistics recommends sending the Buyer's Part Number (BP) in PO106.		
			BP Buyer's Part Number		
Must Use	**PO107**	**234**	**Product/Service ID**	**X**	**AN 1/30**
			Identifying number for a product or service		
			VERIZON Logistics's Part Number (associated to code 'BP' in PO106) ordered on the original purchase order.		
	PO108	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			VERIZON Logistics recommends sending the Vendor's (Seller's) Item Number (VN) in PO108.		
			VN Vendor's (Seller's) Item Number		
	PO109	**234**	**Product/Service ID**	**X**	**AN 1/30**
			Identifying number for a product or service		
			Vendor's item number (associated to code 'VN' in PO108) ordered on the original purchase order.		
	PO110	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			VERIZON Logistics recommends sending the UPC Code (UP) in PO110.		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
	PO111	**234**	**Product/Service ID**	**X**	**AN 1/30**
			Identifying number for a product or service		
			UPC Code (associated to code 'UP' in PO110) identifying this product.		

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	Segment:	**PO3** Additional Item Detail
	Position:	030
	Loop:	PO1 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	25
	Purpose:	To specify changes to the original purchase order line item price, unit of measure and/or quantity.
	Syntax Notes:	1 If PO304 is present, then PO305 is required.
		2 If PO306 is present, then PO307 is required.
	Semantic Notes:	
	Comments:	1 This segment should contain price and/or quantity changes to the baseline data (PO1 segment). Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).

Notes:

```
Example:
PO3*QO*****100*HB!
PO3*QT***100.00*PD*100*QD!
PO3*UM*****100*DP!
PO3*UP***123.90*LE**!
```

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PO301	371	**Change Reason Code**	M	ID 2/2

Code specifying the reason for price or quantity change

QO	Quantity Ordered
QT	Quantity Price Break
UM	Unit of Measure Difference
UP	Unit Price

	Ref. Des.	Data Element	Name		Attributes
	PO304	212	**Unit Price**	O	R 1/14

Price per unit of product, service, commodity, etc.

New unit price of material.
Used when PO301 = 'QT' or 'UP'.
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".
Maximum of eight whole digits and five decimal places.

	Ref. Des.	Data Element	Name		Attributes
	PO305	639	**Basis of Unit Price Code**	X	ID 2/2

Code identifying the type of unit price for an item

New Unit Price Basis associated to the New Unit Price identified in PO304.
Used when PO301 = 'QT' or 'UP'.
Note: The new unit price basis should be equivalent to the new unit of measure basis.

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
M	PO306	380	**Quantity**	M	R 1/10

Numeric value of quantity

	Ref. Des.	Data Element	Name		Attributes
M	PO307	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

The new measurement code associated to the new quantity in PO306.

Refer to 004010 Data Element Dictionary for acceptable code values.

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Segment:	## ACK Line Item Acknowledgment	
Position:	270	
Loop:	ACK	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To acknowledge the line item status, it's promise ship date, a part number change, a substituted item or an item's backorder status.	
Syntax Notes:	1 If ACK04 is present, then ACK05 is required.	
	2 If either ACK02 or ACK03 is present, then the other is required.	
	3 If either ACK07 or ACK08 is present, then the other is required.	
Semantic Notes:		
Comments:	1 VERIZON Logistics recommends sending the Promise Ship Date in ACK05.	
Notes:	Example:	

```
ACK*BP*500*QD*079*19990712!
ACK*DR***079*19990712!
ACK*IA***079*19990712!
ACK*IB*500*QD*079*19990712!
ACK*IC***079*19990712**VN*BRAND OR LABEL!
ACK*ID*!
ACK*IH**079*19990712!
ACK*IS***079*19990712**VN*BRAND OR LABEL!
```

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	ACK01	668	**Line Item Status Code**	M	**ID 2/2**

Code specifying the action taken by the seller on a line item requested by the buyer

BP	Item Accepted - Partial Shipment, Partial Backordered	
DR	Item Accepted - Date Rescheduled	
IA	Item Accepted	
IB	Item Backordered	
IC	Item Accepted - Changes Made	
	(Part Number Change only)	
ID	Item Deleted	
IH	Item on Hold	
IS	Item Accepted - Substitution Made	

	Ref. Des.	Data Element	Name		Attributes
	ACK02	380	**Quantity**	X	**R 1/10**

Numeric value of quantity

Backordered Quantity
Used when ACK01 = 'BP' or 'IB'

	ACK03	355	**Unit or Basis for Measurement Code**	X	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Unit of measure associated to the backorder quantity in ACK02.
Used when ACK01 = 'BP' or 'IB'

Refer to 004010 Data Element Dictionary for acceptable code values.

	ACK04	374	**Date/Time Qualifier**	O	**ID 3/3**

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

To indicate the type of date.
Used when ACK01 = 'BP', 'DR', 'IA', 'IB', 'IC', 'IH', or 'IS'

		079	Promised for Shipment		
ACK05	**373**	**Date**		**X**	**DT 8/8**

Date expressed as CCYYMMDD

The promised ship date of the item being acknowledged.
Used when ACK01 = 'BP', 'DR', 'IA', 'IB', 'IC', 'IH', or 'IS'

ACK07	**235**	**Product/Service ID Qualifier**		**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Used when ACK01 = 'IC' or 'IS'

		VN	Vendor's (Seller's) Item Number		
ACK08	**234**	**Product/Service ID**		**X**	**AN 1/30**

Identifying number for a product or service

The changed or substituted vendor part number.
Used when ACK01 = 'IC' or 'IS'

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Segment:	**CTT** Transaction Totals	
Position:	010	
Loop:	CTT Optional	
Level:	Summary	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit a hash total for a specific element in the transaction set	
Syntax Notes:		
Semantic Notes:		
Comments:	1	This segment is intended to provide hash totals used to validate the transaction for completeness and correctness.
Notes:	Example: CTT*2|	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
			Count of Purchase Order Line Items (PO1 segments) included in this transaction.		

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Segment:	**SE** Transaction Set Trailer	
Position:	030	
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.	
Notes:	Example: SE*20*0012|	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			The data interchange control number must be identical to the same data element in the associated transaction set header, ST02.		