

**Verizon Logistics 855 Implementation Guide
ANSI Version 4010**

**855 Purchase Order Acknowledgement
EDI Implementation Guide
Trading Partner Edition**

**ANSI Version 4010
August 27, 2009**

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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:

	<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	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:

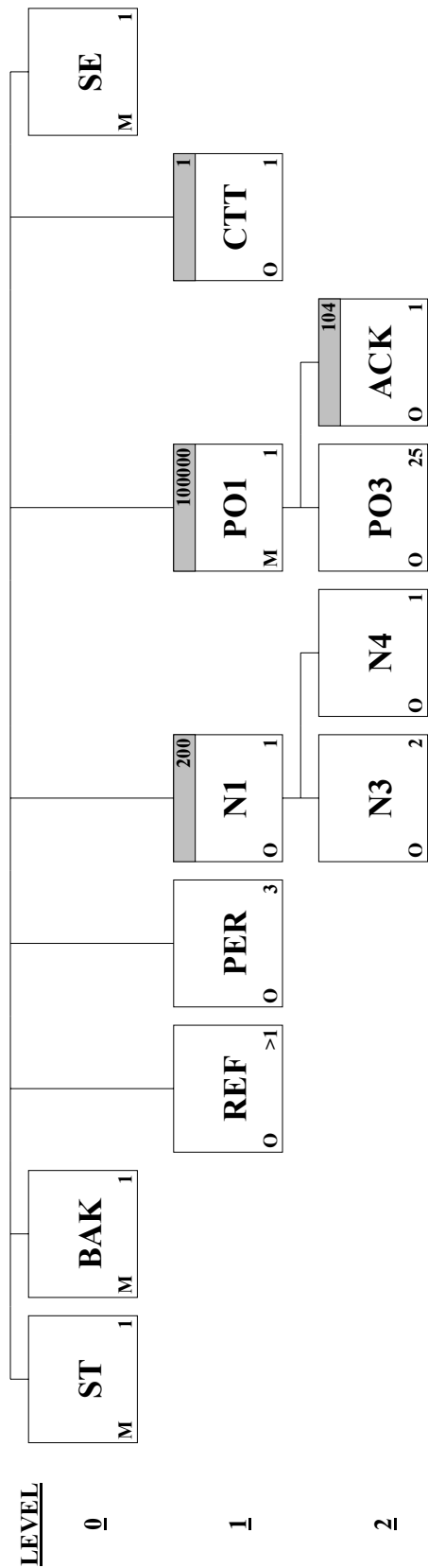
	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PO1						100000	
M	010	PO1	Baseline Item Data	M	1		n1
	030	PO3	Additional Item Detail	O	25		
LOOP ID - ACK						104	
Must Use	270	ACK	Line Item Acknowledgment	O	1		

Summary:

	<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 - CTT						1	
	010	CTT	Transaction Totals	O	1		n2
M	030	SE	Transaction Set Trailer	M	1		

Verizon Logistics 855 Implementation Guide

ANSI Version 4010



Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
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.	

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BAK02	587	Acknowledgment Type 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 ID 2/2
M	BAK03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
M	BAK04	373	Purchase Order Date Date expressed as CCYYMMDD The date assigned by the purchaser to the purchase order.	M DT 8/8
	BAK07	367	Contract Number Contract number Vendor's Reference Number	O AN 1/30
Must Use	BAK09	373	Acknowledgment Date Date expressed as CCYYMMDD The date assigned by the sender to the acknowledgment.	O DT 8/8

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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

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

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name City in which the ship to location is located.	O AN 2/19
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency State in which the ship to location is located.	O ID 2/2
N403	116	Postal Code 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.	O ID 3/9

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From	M ID 2/3
	N102	93 Name Free-form name Ship from name. VENDOR WAREHOUSE	X AN 1/30

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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	

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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:	<ol style="list-style-type: none"> 1 If PO103 is present, then PO102 is required. 2 If PO105 is present, then PO104 is required. 3 If either PO106 or PO107 is present, then the other is required. 4 If either PO108 or PO109 is present, then the other is required. 5 If either PO110 or PO111 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 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:	<p>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.</p> <p>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!</p>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element	Purchase Order Line Number	M AN 1/11
M	PO101	350	
			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	X R 1/10
			Quantity ordered The quantity ordered on the original purchase order.
	PO103	355	O ID 2/2
			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 The unit of measure code from the original purchase order. Refer to 004010 Data Element Dictionary for acceptable code values.
	PO104	212	X R 1/13
			Unit Price 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

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

				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.	

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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***33.81*HP*320*FT.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	<u>PO301</u>	<u>371</u> Change Reason Code	<u>M</u> <u>ID 2/2</u>
		Code specifying the reason for price or quantity change QO Quantity Ordered QT Quantity Price Break UM Unit of Measure Difference UP Unit Price	
	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.	
	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.	
M	PO306	380 Quantity	M R 1/10
		Numeric value of quantity	
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.	

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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	
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'	

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

		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'			

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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.			

Verizon Logistics 855 Implementation Guide

ANSI Version 4010

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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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.			