



# Verizon Logistics 850 Implementation Guide ANSI Version 4010

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## 850 Purchase Order EDI Implementation Guide Trading Partner Edition

ANSI Version 4010  
November 3, 1999



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

### 850 Purchase Order

**Functional Group ID=PO**

**Introduction:**

This Standard contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of Verizon Logistics Electronic Data Interchange (EDI) environment. The transaction set provides 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. However, Verizon Logistics uses information from the purchase order to match it with the purchase order acknowledgment and the advance ship notice. Therefore, three fields from the original purchase order must be returned on these two transactions; the purchase order number, the line item number, and the buyer's part number.

**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	BEG	Beginning Segment for Purchase Order	M	1		
	050	REF	Reference Identification	O	>1		
	060	PER	Administrative Communications Contact	O	3		
	070	TAX	Tax Reference	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
						200	
	310	N1	Name	O	1		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	>1		
						200	
	310	N1	Name	O	1		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	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>
						100000	
M	010	PO1	Baseline Item Data	M	1		n1
						1000	
	050	PID	Product/Item Description	O	1		
	100	REF	Reference Identification	O	>1		
Must Use	210	DTM	Date/Time Reference	O	10		



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

210	DTM	Date/Time Reference	O	10
		LOOP ID - N1		200
350	N1	Name	O	1
390	REF	Reference Identification	O	12

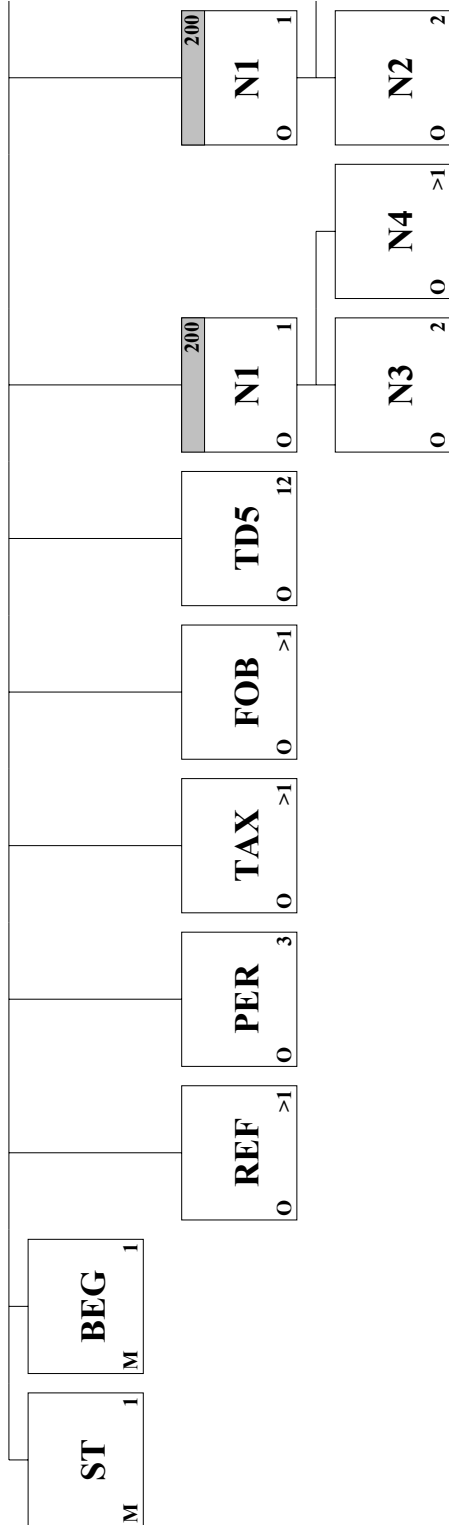
### Summary:

<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 850 Implementation Guide

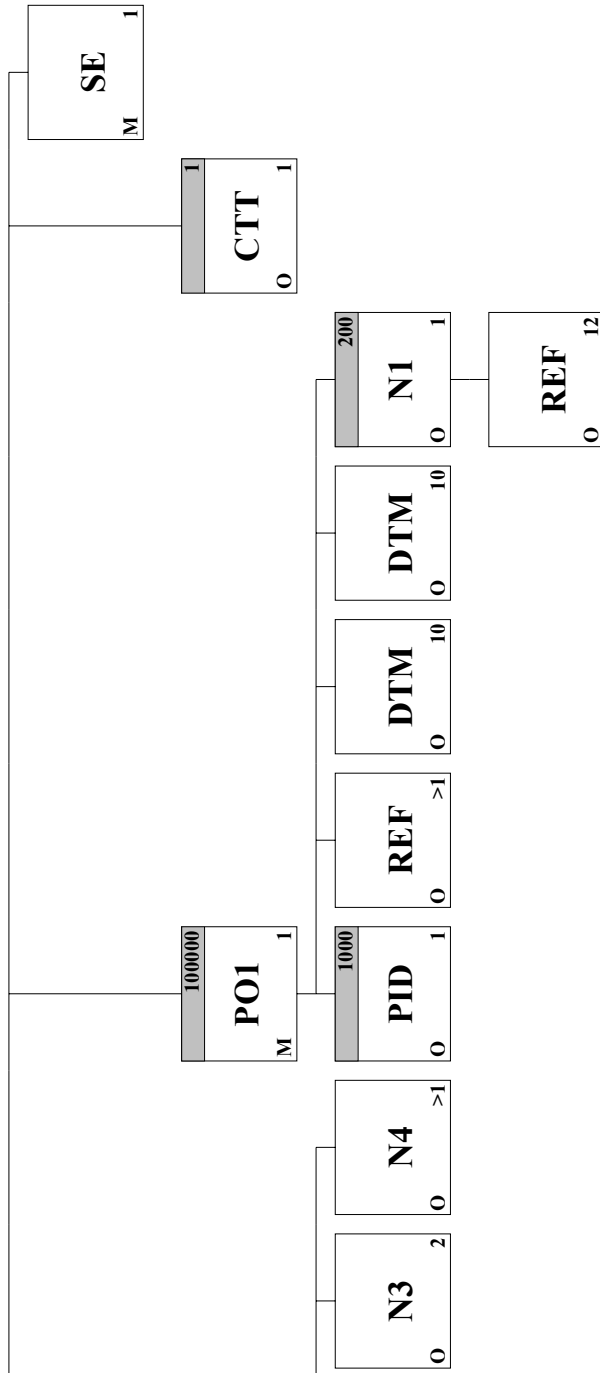
## ANSI Version 4010





# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010





# Verizon Logistics 850 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., 810 selects the Invoice Transaction Set).  
**Comments:**  
**Notes:** Example: ST\*850\*0017.

### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b>	M ID 3/3
			Code uniquely identifying a Transaction Set	
			850 Purchase Order	
M	ST02	329	<b>Transaction Set Control Number</b>	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	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**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 Verizon Logistics to the purchase order.  
**Comments:**  
**Notes:** Example: BEG\*00\*BK\*99AKDF9DAL393\*39483920193843\*19981105.

### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original 06 Confirmation	M ID 2/2
M	BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order BK Blanket Order (Quantity Firm) CF Confirmation SA Stand-alone Order	M ID 2/2
M	BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
	BEG04	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
M	BEG05	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8



# Verizon Logistics 850 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:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:**

Example: REF\*AB\*RFRNC IDNTFCTN\*GENERAL PURPOSE.  
 REF\*L1\*RFRNC IDNTFCTN\*GENERAL PURPOSE.  
 REF\*VR\*RFRNC IDNTFCTN\*GENERAL PURPOSE.  
 The REF segment in version 4010 replaces the NTE segment in version 2000.

### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification AB Acceptable Source Purchaser ID L1 Letters or Notes VR Vendor ID Number	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/55



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **PER** Administrative Communications Contact  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:** 1 If either PER03 or PER04 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** Example: PER\*OC\*ARTHUR JONES\*TE\*(614)555-1212.

### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PER01	366	<b>Contact Function Code</b>	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named OC Order Contact	
	PER02	93	<b>Name</b>	O AN 1/35
			Free-form name Verizon Logistics Buyer	
	PER03	365	<b>Communication Number Qualifier</b>	X ID 2/2
			Code identifying the type of communication number TE Telephone	
	PER04	364	<b>Communication Number</b>	X AN 1/24
			Complete communications number including country or area code when applicable Buyer telephone number	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **TAX** Tax Reference  
**Position:** 070  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction  
**Syntax Notes:** 1 If either TAX02 or TAX03 is present, then the other is required.  
 2 At least one of TAX01 or TAX03 is required.  
**Semantic Notes:**  
**Comments:** 1 Tax ID number is, in many instances, referred to as a Tax Exemption Number. The paired (combined) use of data elements 309 and 310 provides for the designation of five taxing jurisdictions.  
 2 TAX01 is required if tax exemption is being claimed.  
**Notes:** Example: TAX\*\*SP\*IN\*\*\*\*\*2.

### Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
TAX02	309	<b>Location Qualifier</b>	X ID 1/2
		Code identifying type of location	
		SP State/Province	
TAX03	310	<b>Location Identifier</b>	X AN 2/2
		Code which identifies a specific location	
TAX12	441	<b>Tax Exempt Code</b>	O ID 1/1
		Code identifying exemption status from sales and use tax	
		2 No (Not Tax Exempt)	
		B Material Taxable, Labor Exempt	
		C Not Taxable	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **FOB** F.O.B. Related Instructions

**Position:** 080

**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.

**Semantic Notes:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

**Notes:**

Example: FOB\*CC\*DE\*\*02\*FOB~  
 FOB\*PC\*OR\*\*02\*FOB~  
 FOB\*PP\*DE\*\*02\*FOB~  
 FOB\*TP\*OR\*\*02\*FOB~  
 FOB\*PO\*DE\*\*02\*FOB~

### Data Element Summary

Ref.	Data Element	Name	Attributes
M	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		CC Collect	
		PC Prepaid but Charged to Customer	
		PP Prepaid (by Seller)	
		TP Third Party Pay	
		PO Prepaid Only	
	FOB02	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
		DE Destination (Shipping)	
		OR Origin (Shipping Point)	
	FOB04	334 Transportation Terms Qualifier Code	O ID 2/2
		Code identifying the source of the transportation terms	
		02 Trade Terms Code	
	FOB05	335 Transportation Terms Code	X ID 3/3
		Code identifying the trade terms which apply to the shipment transportation responsibility	
		FOB Free on Board	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 240  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:** 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.  
**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:** The TD5 in version 4010 holds the data previously in the TD2 in version 2000.

Example: TD5\*\*\*\*\*3D~  
 TD5\*\*\*\*\*G2~  
 TD5\*\*\*\*\*ON~  
 TD5\*\*\*\*\*SC~  
 TD5\*\*\*\*\*ZZ~

### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>X</u> <u>ID</u> 2/2
TD512	284	Service Level Code	
		Code indicating the level of transportation service or the billing service offered by the transportation carrier	
		3D: Three Day Service	
		G2: Standard Service; Best way (shipper's option)	
		ON: Overnight	
		SC: Second Day Air: Delivery during business day hours no later than second business day	
		ZZ: Call Caliber at 1-800-483-0015	
		3D Three Day Service	
		G2 Standard Service	
		ON Overnight	
		SC Second Day Air	
		Delivery during business day hours no later than second business day	
		ZZ Mutually Defined	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **N1** Name  
**Position:** 310  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**

- 1 If either N103 or N104 is present, then the other is required.
- 2 At least one of N102 or N103 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:** Example: N1\*BT\*MAGGIE MCGILLICUTTY\*92\*9012345918341~

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	N101	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party	<b>M ID 2/2</b>
	N102	<b>93 Name</b> Free-form name Verizon Logistics	<b>X AN 1/34</b>
	N103	<b>66 Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	<b>X ID 2/2</b>
	N104	<b>67 Identification Code</b> Code identifying a party or other code WH1	<b>X AN 2/17</b>



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** N3 Address Information  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** Example: N3\*PO BOX 123\*157 WEST 57TH STREET~

### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N301	166 Address Information Address information	M AN 1/34
		ACCOUNTS PAYABLE	
	N302	166 Address Information Address information	O AN 1/30
		P.O. BOX 27302	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **N4** Geographic Location  
**Position:** 340  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**  
**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.

**Notes:** Example: N4\*CINCINNATI\*OH\*43017~

### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name	O AN 2/19
		Free-form text for city name	
		SAN ANGELO	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		TX	
N403	116	Postal Code	O ID 3/9
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		769027302	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **N1** Name  
**Position:** 310  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**

- 1 If either N103 or N104 is present, then the other is required.
- 2 At least one of N102 or N103 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:** Example: N1\*ST\*BEVERLY SIMPSON\*92\*111222333~

### 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	M ID 2/2
		Code identifying an organizational entity, a physical location, property or an individual	
		ST Ship To	
	N102	93 Name	X AN 1/35
		Free-form name	
		Verizon Logistics Customer Name	
	N103	66 Identification Code Qualifier	X ID 2/2
		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 2/17
		Code identifying a party or other code	
		Verizon Logistics Ship-to Code	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** N2 Additional Name Information  
**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** Example: N2\*ARTHUR JONES~

### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N201	93 Name	M AN 1/30
		Free-form name	
		The ATTN: line information	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** N3 Address Information  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** Example: N3\*103 NORTH MAIN STREET\*PO BOX 123~

### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N301	166	Address Information	M AN 1/35
			Address information	
			First line of address	
	N302	166	Address Information	O AN 1/35
			Address information	
			Second line of address	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **N4** Geographic Location  
**Position:** 340  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**  
**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.

**Notes:** Example: N4\*COLUMBUS\*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	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/9
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	



# Verizon Logistics 850 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 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.

**Semantic Notes:**

**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:** Example: PO1\*ASSG\*100\*DP\*100.00\*\*BP\*ASSEMBLY\*EP\*BRAND OR LABEL\*MF\*CUST12345\*UP\*ASSEMBLY\*VN\*BRAND OR LABEL~

### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/4
PO102	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/14
PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/14
PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) The layout of the PO1 shows that any qualifier could show up in any element 235. No specific order should be assumed. BP Buyer's Part Number EP Buyer's End Product Number MF Manufacturer UP U.P.C. Consumer Package Code (1-5-5-1) VN Vendor's (Seller's) Item Number	X ID 2/2
<b>Must Use</b>	PO107	234 <b>Product/Service ID</b> Identifying number for a product or service	X AN 1/30
	PO108	235 <b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

		BP	Buyer's Part Number		
		EP	Buyer's End Product Number		
		MF	Manufacturer		
		UP	U.P.C. Consumer Package Code (1-5-5-1)		
		VN	Vendor's (Seller's) Item Number		
<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>		<b>X</b>	<b>AN 1/30</b>
		Identifying number for a product or service			
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		BP	Buyer's Part Number		
		EP	Buyer's End Product Number		
		MF	Manufacturer		
		UP	U.P.C. Consumer Package Code (1-5-5-1)		
		VN	Vendor's (Seller's) Item Number		
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>		<b>X</b>	<b>AN 1/30</b>
		Identifying number for a product or service			
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		BP	Buyer's Part Number		
		EP	Buyer's End Product Number		
		MF	Manufacturer		
		UP	U.P.C. Consumer Package Code (1-5-5-1)		
		VN	Vendor's (Seller's) Item Number		
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>		<b>X</b>	<b>AN 1/30</b>
		Identifying number for a product or service			
<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		BP	Buyer's Part Number		
		EP	Buyer's End Product Number		
		MF	Manufacturer		
		UP	U.P.C. Consumer Package Code (1-5-5-1)		
		VN	Vendor's (Seller's) Item Number		
<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>		<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service			



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

- Segment:** **PID** Product/Item Description
- Position:** 050
- Loop:** PID Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To describe a product or process in coded or free-form format
- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
  - 2 At least one of PID04 or PID05 is required.
  - 3 If PID07 is present, then PID03 is required.
  - 4 If PID08 is present, then PID04 is required.
  - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
  - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - 3 PID07 specifies the individual code list of the agency specified in PID03.

### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	M ID 1/1
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **REF** Reference Identification  
**Position:** 100  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** Example: REF\*L1\*RFRNC IDNTFCTN\*GENERAL PURPOSE~

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	REF01	128 Reference Identification Qualifier Code qualifying the Reference Identification L1 Letters or Notes	M ID 2/3
	REF02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 = L1; "LIN"	X AN 1/30
	REF03	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **DTM** Date/Time Reference  
**Position:** 210  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM05 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** Example: DTM\*002\*19990128~

### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 002 Delivery Requested	M ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **DTM** Date/Time Reference  
**Position:** 210  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**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.  
**Semantic Notes:**  
**Comments:**  
**Notes:** Example: DTM\*010\*19990128~

### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			010 Requested Ship	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **N1** Name  
**Position:** 350  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**

- 1 If either N103 or N104 is present, then the other is required.
- 2 At least one of N102 or N103 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:** Example: N1\*EN\*MAGGIE MCGILLICUTTY~

### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, property or an individual	
		EN End User	
	N102	93 Name	X AN 1/35
		Free-form name	
		Verizon Logistics Requestor	



# Verizon Logistics 850 Implementation Guide

## ANSI Version 4010

**Segment:** **REF** Reference Identification  
**Position:** 390  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** Example: REF\*C1\*RFRNC IDNTFCTN~

### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification C1 Customer material specification number	M ID 2/2
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Material Request Number from the Verizon Logistics Requestor	X AN 1/9



# Verizon Logistics 850 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 to validate transaction completeness and correctness.  
**Notes:** Example: CTT\*10~

### Data Element Summary

Ref.	Data		
<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	
		Number of PO1 segments	



# Verizon Logistics 850 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\*32\*0010~

### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SE01	96 <b>Number of Included Segments</b>	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329 <b>Transaction Set Control Number</b>	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	