

850 Purchase Order

Functional Group ID=PO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	Mand	1		
4	020	BEG	Beginning Segment for Purchase Order	M	Mand	1		
5	050	REF	Reference Identification	O	Used	>1		
6	055	REF	Reference Identification	O	Used	1		
7	058	REF	Reference Identification	O	Used	1		
8	060	PER	Administrative Communications Contact	O	Used	3		
9	080	FOB	F.O.B. Related Instructions	O	Used	>1		
10	130	ITD	Terms of Sale/Deferred Terms of Sale	O	Used	>1		
11	140	DIS	Discount Detail	O	Used	20		
12	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	Used	12		
LOOP ID - N1							200	
13	310	N1	Name	O	Used	1		
14	320	N2	Additional Name Information	O	Used	2		
15	330	N3	Address Information	O	Used	2		
16	340	N4	Geographic Location	O	Used	>1		

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PO1							100000	
17	010	PO1	Baseline Item Data	M	Mand	1		n1
LOOP ID - PID							1000	
20	050	PID	Product/Item Description	O	Used	1		
21	100	REF	Reference Identification	O	Used	>1		
22	160	DIS	Discount Detail	O	Used	20		
23	170	TAX	Tax Reference	O	Used	>1		
24	210	DTM	Date/Time Reference	O	Used	10		
25	289	MSG	Message Text	O	Used	>1		
LOOP ID - N1							200	
26	350	N1	Name	O	Used	1		
27	360	N2	Additional Name Information	O	Used	2		
28	370	N3	Address Information	O	Used	2		
29	380	N4	Geographic Location	O	Used	1		
30	383	QTY	Quantity	O	Used	>1		
32	390	REF	Reference Identification	O	Used	12		
33	406	DTM	Date/Time Reference	O	Used	1		

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - CTT							1	
34	010	CTT	Transaction Totals	O	Used	1		n2
35	030	SE	Transaction Set Trailer	M	Mand	1		

Transaction Set Notes

1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

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:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 Purchase Order	M ID 3/3	Mand
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set This value must match control number in element SE02.	M AN 4/9	Mand

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

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 the purchaser to purchase order.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2	Mand
BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order CN Consigned Order SA Stand-alone Order	M ID 2/2	Mand
BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22	Mand
BEG04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Purchase Order Revision number	O AN 1/30	Used
BEG05	373	Date Date expressed as CCYYMMDD Purchase order date	M DT 8/8	Mand
BEG07	587	Acknowledgment Type Code specifying the type of acknowledgment AC Acknowledge - With Detail and Change	O ID 2/2	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

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.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification ZA Supplier	M ID 2/3	Mand
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier EDI Pay Location Code assigned by AT&T to each Supplier. This value MUST be returned on the EDI 810 Invoice.	X AN 1/30	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: REF Reference Identification

Position: 055

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IL Internal Order Number	M ID 2/3	Mand
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier This is the AT&T TEO or SORTS number.	X AN 1/30	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: REF Reference Identification

Position: 058

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 9R Job Order Number	M ID 2/3	Mand
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier CFAS Number	X AN 1/30	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

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.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data	Base	User
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
PER01	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named IC Information Contact	M ID 2/2	Mand
PER02	93 Name Free-form name AT&T Contact Name	O AN 1/60	Used
PER03	365 Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2	Used
PER04	364 Communication Number Complete communications number including country or area code when applicable AT&T Contact telephone number	X AN 1/80	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

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.

3 If FOB07 is present, then FOB06 is required.

4 If FOB08 is present, then FOB09 is required.

Semantic Notes: 1 FOB01 indicates which party will pay the carrier.

2 FOB02 is the code specifying transportation responsibility location.

3 FOB06 is the code specifying the title passage location.

4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
FOB01	146	Shipment Method of Payment	M ID 2/2	Mand
		Code identifying payment terms for transportation charges		
		CC Collect		
		PC Prepaid but Charged to Customer		
		PP Prepaid (by Seller)		
FOB02	309	Location Qualifier	X ID 1/2	Used
		Code identifying type of location		
		DE Destination (Shipping)		
		OR Origin (Shipping Point)		

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: ITD Terms of Sale/Deferred Terms of Sale

Position: 130

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify terms of sale

- Syntax Notes:**
- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 - 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 - 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes: 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

- Comments:**
- 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ITD01	336	Terms Type Code Code identifying type of payment terms 05 Discount Not Applicable 08 Basic Discount Offered	O ID 2/2	Used
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 3 Invoice Date	O ID 1/2	Used
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O R 1/6	Used
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3	Used
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: DIS Discount Detail

Position: 140

Loop:

Level: Heading

Usage: Optional

Max Use: 20

Purpose: To specify the exact type and terms of various discount information

Syntax Notes:

- Semantic Notes:**
- 1 DIS05 is the minimum for application of the discount.
 - 2 DIS06 is the maximum for application of the discount.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DIS01	653	Discount Terms Type Code Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc. AMT Fixed Amount Discount CSH % Discount for Cash Payment	M ID 3/3	Mand
DIS02	654	Discount Base Qualifier Code to define unit of discount, i.e., dollars, cases, alternate products, etc. CA Discount in Cash PC Discount Determined as a Percentage of the Value of the Transaction	M ID 2/2	Mand
DIS03	655	Discount Base Value A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	M R 1/10	Mand
DIS04	656	Discount Control Limit Qualifier Code to define the units of the limits for determining discount DOF Dollars of Purchase	M ID 2/3	Mand

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

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.
 - 2 If TD502 is present, then TD503 is required.
 - 3 If TD507 is present, then TD508 is required.
 - 4 If TD510 is present, then TD511 is required.
 - 5 If TD513 is present, then TD512 is required.
 - 6 If TD514 is present, then TD513 is required.
 - 7 If TD515 is present, then TD512 is required.

Semantic Notes: 1 TD515 is the country where the service is to be performed.

Comments: 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
TD505	387	Routing	X AN 1/35	Used
Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
Information on shipping methods and freight bill payment will appear here. More than one iteration of the TD5 can, and often will, be sent. There may be different messages sent, so this segment should not be hard coded, based on past practices.				

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

- Segment:** N1 Name
Position: 310
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
- Semantic Notes:**
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party MA Party for whom Item is Ultimately Intended ST Ship To SU Supplier/Manufacturer	M ID 2/3	Mand
N102	93	Name Free-form name	X AN 1/60	Used
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	Used
N104	67	Identification Code Code identifying a party or other code If N101 = BT the N103 and N104 will not be sent If N101 = ST the N104 will contain the AT&T Ship To Location Code If N101 = SU the N104 will contain the Supplier Site Name If N101 = MA the N103 and N104 will not be sent.	X AN 2/80	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: N2 Additional Name Information

Position: 320

Loop: N1

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:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
N201	93	Name Free-form name When N101 = ST, AT&T will send the Ship to Person Name, AT&T TEO or SORTs number, and AT&T CFAS project number, where applicable.	M AN 1/60	Mand
N202	93	Name Free-form name If N101 = ST the N202 will contain the AT&T Truck Route.	O AN 1/60	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: N3 Address Information

Position: 330

Loop: N1

Level: Heading

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55	Mand
N302	166	Address Information Address information	O AN 1/55	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: N4 Geographic Location

Position: 340

Loop: N1

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify the geographic place of the named party

Syntax Notes: 1 If N406 is present, then N405 is required.

Semantic Notes:

- Comments:**
- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 - 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		Base	User
Des.	Element	Name	Attributes	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30	Used
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	Used
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15	Used
N404	26	Country Code Code identifying the country	O ID 2/3	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: PO1 Baseline Item Data

Position: 010

Loop: PO1

Level: Detail

Usage: Mandatory

Max Use: 1

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

- Syntax Notes:**
- 1 If PO103 is present, then PO102 is required.
 - 2 If PO105 is present, then PO104 is required.
 - 3 If either PO106 or PO107 is present, then the other is required.
 - 4 If either PO108 or PO109 is present, then the other is required.
 - 5 If either PO110 or PO111 is present, then the other is required.
 - 6 If either PO112 or PO113 is present, then the other is required.
 - 7 If either PO114 or PO115 is present, then the other is required.
 - 8 If either PO116 or PO117 is present, then the other is required.
 - 9 If either PO118 or PO119 is present, then the other is required.
 - 10 If either PO120 or PO121 is present, then the other is required.
 - 11 If either PO122 or PO123 is present, then the other is required.
 - 12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

- 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.

Data Element Summary

Ref.	Data	Name	Base	User
Des.	Element		Attributes	Attributes
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set AT&T Purchase Order line item number	O AN 1/20	Used
PO102	330	Quantity Ordered Quantity ordered	X R 1/15	Used
PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	Used
PO104	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17	Used
PO105	639	Basis of Unit Price Code Code identifying the type of unit price for an item TC Contract Price per Hundred TM Contract Price per Thousand	O ID 2/2	Used
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CR Contract Number	X ID 2/2	Used
PO107	234	Product/Service ID Identifying number for a product or service AT&T Contract number	X AN 1/48	Used
PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number	X ID 2/2	Used
PO109	234	Product/Service ID Identifying number for a product or service AT&T Item number	X AN 1/48	Used
PO110	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VN Vendor's (Seller's) Item Number	X ID 2/2	Used
PO111	234	Product/Service ID Identifying number for a product or service Vendor's (Seller's) Part Number	X AN 1/48	Used
PO112	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) PL Purchaser's Order Line Number	X ID 2/2	Used
PO113	234	Product/Service ID Identifying number for a product or service AT&T Parent Line Number	X AN 1/48	Used
PO114	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

		MG	Manufacturer's Part Number			
PO115	234	Product/Service ID		X	AN 1/48	Used
		Identifying number for a product or service				
		Manufacturer's Part Number				
PO116	235	Product/Service ID Qualifier		X	ID 2/2	Used
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		MN	Model Number			
PO117	234	Product/Service ID		X	AN 1/48	Used
		Identifying number for a product or service				
PO118	235	Product/Service ID Qualifier		X	ID 2/2	Used
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		C1	Channel			
PO119	234	Product/Service ID		X	AN 1/48	Used
		Identifying number for a product or service				
		HECI Code				
PO120	235	Product/Service ID Qualifier		X	ID 2/2	Used
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		SV	Service Rendered			
PO121	234	Product/Service ID		X	AN 1/48	Used
		Identifying number for a product or service				
		Miscellaneous Charge Code.				
		CC	Cable Cut Charge			
		CF	Container Charge			
		EX	Expedite Fee			
		IC	Commissioning and Certification			
		IR	Installation and Training			
		PE	Pulling Eye			
		PL	Palletizing			
		SC	Surcharge			
		SE	Service Charge			
		SU	Setup Charge			

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: PID Product/Item Description

Position: 050

Loop: PO1-PID

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.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1	Mand
PID05	352	Description A free-form description to clarify the related data elements and their content Multiple PID segments may be sent by AT&T. The information included in the PID segments may be any or all of the items below: ALWAYS sent by AT&T - Product description as stored in Oracle application (must be returned on the 855) MAY be sent by AT&T: - Line item level notes (not returned on 855 or 810) - "Expedited shipping is approved for this item" when item has been designated "Urgent"	X AN 1/80	Used

Segment: REF Reference Identification

Position: 100

Loop: PO1

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification RQ Purchase Requisition Number	M ID 2/3	Mand
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AT&T Requisition Number	X AN 1/30	Used
Segment: DIS Discount Detail				
Position: 160				
Loop: PO1				
Level: Detail				
Usage: Optional				
Max Use: 20				
Purpose: To specify the exact type and terms of various discount information				
Syntax Notes:				
Semantic Notes:				
1 DIS05 is the minimum for application of the discount.				
2 DIS06 is the maximum for application of the discount.				
Comments:				

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
DIS01	653	Discount Terms Type Code Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc. AMT Fixed Amount Discount CSH % Discount for Cash Payment	M ID 3/3	Mand
DIS02	654	Discount Base Qualifier Code to define unit of discount, i.e., dollars, cases, alternate products, etc. CA Discount in Cash PC Discount Determined as a Percentage of the Value of the Transaction	M ID 2/2	Mand
DIS03	655	Discount Base Value A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	M R 1/10	Mand
DIS04	656	Discount Control Limit Qualifier Code to define the units of the limits for determining discount DOF Dollars of Purchase	M ID 2/3	Mand

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: TAX Tax Reference

Position: 170

Loop: PO1

Level: Detail

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 At least one of TAX01 or TAX03 is required.
 - 2 If either TAX02 or TAX03 is present, then the other is required.
 - 3 If either TAX04 or TAX05 is present, then the other is required.
 - 4 If either TAX06 or TAX07 is present, then the other is required.
 - 5 If either TAX08 or TAX09 is present, then the other is required.
 - 6 If either TAX10 or TAX11 is present, then the other 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.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
TAX01	325	Tax Identification Number Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number Tax Exempt Certificate Number	X AN 1/20	Used
TAX02	309	Location Qualifier Code identifying type of location SP State/Province ZZ Mutually Defined	X ID 1/2	Used
TAX03	310	Location Identifier Code which identifies a specific location	X AN 1/30	Used
TAX12	441	Tax Exempt Code Code identifying exemption status from sales and use tax 1 Yes (Tax Exempt) 2 No (Not Tax Exempt)	O ID 1/1	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: DTM Date/Time Reference
Position: 210
Loop: PO1
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.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DTM0 1	374	Date/Time Qualifier	M ID 3/3	Mand
		Code specifying type of date or time, or both date and time		
		037 Ship Not Before		
DTM0 2	373	Date	X DT 8/8	Used
		Date expressed as CCYYMMDD		
		Do not Ship Before Date		

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

- Segment:** MSG Message Text
- Position:** 289
- Loop:** PO1
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To provide a free-form format that allows the transmission of text information
- Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.
- Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.
- Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>			<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
MSG0 1	933	Free-Form Message Text	M	AN	Mand
				1/264	

Free-form message text

Long notes sent by AT&T at the Item Level on the PO. This segment may be repeated multiple times.

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

- Segment:** N1 Name
Position: 350
Loop: PO1-N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

- Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M ID 2/3	Mand
N102	93	Name Free-form name	X AN 1/60	Used
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	Used
N104	67	Identification Code Code identifying a party or other code	X AN 2/80	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: N2 Additional Name Information

Position: 360

Loop: PO1-N1

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
N201	93	Name Free-form name	M AN 1/60	Mand
N202	93	Name Free-form name	O AN 1/60	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: N3 Address Information

Position: 370

Loop: PO1-N1

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55	Mand
N302	166	Address Information Address information	O AN 1/55	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: N4 Geographic Location
Position: 380
Loop: PO1-N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data	Name	Base	User
Des.	Element		Attributes	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30	Used
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	Used
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15	Used
N404	26	Country Code Code identifying the country	O ID 2/3	Used
N405	309	Location Qualifier Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2	Used
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: QTY Quantity

Position: 383

Loop: PO1-N1

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify quantity information

Syntax Notes: 1 At least one of QTY02 or QTY04 is required.

2 Only one of QTY02 or QTY04 may be present.

Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
QTY01	673	Quantity Qualifier Code specifying the type of quantity B3 Requested Amount	M ID 2/2	Mand
QTY02	380	Quantity Numeric value of quantity	X R 1/15	Used
QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O	Used
C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	Mand
C00102	1018	Exponent Power to which a unit is raised	O R 1/15	Used
C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10	Used
C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	Used
C00105	1018	Exponent Power to which a unit is raised	O R 1/15	Used
C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10	Used
C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	Used
C00108	1018	Exponent Power to which a unit is raised	O R 1/15	Used
C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	Used
C00111	1018	Exponent Power to which a unit is raised	O R 1/15	Used
C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10	Used
C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	Used
C00114	1018	Exponent Power to which a unit is raised	O R 1/15	Used
C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10	Used
QTY04	61	Free-Form Message Free-form information	X AN 1/30	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: REF Reference Identification

Position: 390

Loop: PO1-N1

Level: Detail

Usage: Optional

Max Use: 12

Purpose: To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	M ID 2/3	Mand
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AT&T's assigned Shipment Number. This value must be returned on the 855.	X AN 1/30	Used

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: DTM Date/Time Reference
Position: 406
Loop: PO1-N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DTM0 1	374	Date/Time Qualifier	M ID 3/3	Mand
		Code specifying type of date or time, or both date and time 010 Requested Ship		
DTM0 2	373	Date	X DT 8/8	Used
		Date expressed as CCYYMMDD Date AT&T would like supplier to ship material. Assumes usage of AT&T authorized carriers.		

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

Segment: CTT Transaction Totals

Position: 010

Loop: CTT

Level: Summary

Usage: Optional

Max Use: 1

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

Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
CTT01	354	Number of Line Items	M N0 1/6	Mand
		Total number of line items in the transaction set		
		Total number of PO1 segments in the Purchase Order.		

AT&T Corporate Standard Specifications for New Horizons Wireline EDI

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.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10	Mand
		Total number of segments included in a transaction set including ST and SE segments		
		Count of all segments in a transaction set, including the ST and SE.		
SE02	329	Transaction Set Control Number	M AN 4/9	Mand
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		This value must match control number in element ST02.		