

# 843 Response to Request for Quotation

FUNCTIONAL GROUP ID - RR

This standard provides the format and establishes the data contents of a response to request for quotation transaction set. The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

## Header

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
4	010	ST	Transaction Set Header	M	1	
5	020	BQR	Beginning Segment for Response to Request For Quotation	M	1	
6	030	NTE	Note/Special Instruction	F	100	
7	040	CUR	Currency	O	1	
11	050	REF	Reference Numbers	O	12	
12	060	PER	Administrative Communications Contact	O	3	
13	070	TAX	Sales Tax Reference	O	3	
14	080	FOB	F.O.B. Related Instructions	O	1	
15	090	CTP	Pricing Information	O	25	
17	100	SSS	Special Services	O	25	
18	110	CSH	Header Sale Condition	O	1	
19	120	ITA	Allowance, Charge or Service	O	10	
20	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
22	140	DIS	Discount Detail	O	20	
23	150	DTM	Date/Time Reference	O	10	
24	160	LDT	Lead Time	O	12	
25	170	SHH	General Schedule	O	5	
26	180	LIN	Item Identification	O	5	
29	190	PID	Product/Item Description	O	200	
30	200	MEA	Measurements	O	40	
31	210	PWK	Paperwork	O	25	
32	220	PKG	Marking, Packaging, Loading	O	25	
33	230	TD1	Carrier Details (Quantity and Weight)	O	2	
34	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
35	250	TD3	Carrier Details (Equipment)	O	12	
36	260	TD4	Carrier Details (Special Handling/Hazardous Materials)	O	5	
37	270	MAN	Marks and Numbers	O	10	
38	280	CTB	Restrictions	O	5	

39	290	N9	Reference Number	O	1	1000
40	300	MSG	Message Text	O	1000	
41	310	N1	Name	O	1	200
42	320	N2	Additional Name Information	O	2	
43	330	N3	Address Information	O	2	
44	340	N4	Geographic Location	O	1	
45	350	REF	Reference Numbers	O	12	
46	360	PER	Administrative Communications Contact	O	3	
47	370	FOB	F.O.B. Related Instructions	O	1	
48	380	TD1	Carrier Details (Quantity and Weight)	O	2	
49	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
50	400	TD3	Carrier Details (Equipment)	O	12	
51	410	TD4	Carrier Details (Special Handling/Hazardous Materials)	O	5	
52	420	PKG	Marking, Packaging, Loading	O	25	

## Detail

53	010	PO1	Purchase Order Baseline Item Data	O	1	100000
55	020	CUR	Currency	O	1	
59	030	PO3	Additional Item Detail	O	25	
60	040	CTP	Pricing Information	O	25	
62	050	PID	Product/Item Description	O	1000	
63	060	MEA	Measurements	O	40	
64	070	PWK	Paperwork	O	25	
65	080	PKG	Marking, Packaging, Loading	O	25	
66	090	PO4	Item Physical Details	O	1	
68	100	REF	Reference Numbers	O	12	
69	110	PER	Administrative Communications Contact	O	3	
70	120	SSS	Special Services	O	25	
71	130	ITA	Allowance, Charge or Service	O	10	
72	140	IT8	Conditions of Sale	O	1	
74	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
76	160	DIS	Discount Detail	O	20	
77	170	TAX	Sales Tax Reference	O	3	
78	180	FOB	F.O.B. Related Instructions	O	1	
79	190	SDQ	Destination Quantity	O	50	
81	200	DTM	Date/Time Reference	O	10	
82	210	LDT	Lead Time	O	12	
83	220	SCH	Line Item Schedule	O	104	
85	230	FST	Forecast Schedule	O	5	

87	240 TD1	Carrier Details (Quantity and Weight)	O	1	
88	250 TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
89	260 TD3	Carrier Details (Equipment)	O	12	
90	270 TD4	Carrier Details (Special Handling/Hazardous Materials)	O	5	
91	280 MAN	Marks and Numbers	O	10	
92	290 CTB	Restrictions	O	5	
93	300 CST	Cost Analysis	O	1	100
94	310 PID	Product/Item Description	O	1	
95	320 CUR	Currency	O	1	
99	330 DTM	Date/Time Reference	O	2	
100	340 SLN	Subline Item Detail	O	1	1000
102	350 PID	Product/Item Description	O	1000	
103	360 CST	Cost Analysis	O	1	100
104	370 PID	Product/Item Description	O	1	
105	380 CUR	Currency	O	1	
108	390 DTM	Date/Time Reference	O	2	
109	400 N9	Reference Number	O	1	1000
110	410 MSG	Message Text	O	1000	
111	420 N1	Name	O	1	200
112	430 N2	Additional Name Information	O	2	
113	440 N3	Address Information	O	2	
114	450 N4	Geographic Location	O	1	
115	460 REF	Reference Numbers	O	12	
116	470 PER	Administrative Communications Contact	O	3	
117	480 FOB	F.O.B. Related Instructions	O	1	
118	490 TD1	Carrier Details (Quantity and Weight)	O	2	
119	500 TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
120	510 TD3	Carrier Details (Equipment)	O	12	
121	520 TD4	Carrier Details (Special Handling/Hazardous Materials)	O	5	
122	530 PKG	Marking, Packaging, Loading	O	25	

**Summary**

123	010 CTT	Transaction Totals	M	1	
124	020 SE	Transaction Set Trailer	M	1	

**Segment:** ST Transaction Set Header  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Comments:** A The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set.	
ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number assigned by the originator for a transaction set.	

**Segment:** **BQR** Beginning Segment for Response to Request For Quotation  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a response to request for quote transaction set and to transmit identifying numbers and dates  
**Syntax:** 1 If BQR05 is present, then BQR04 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
BQR01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set.	M ID 2/2
BQR02	586	<b>Request for Quote Reference Number</b> Number assigned by the purchaser to identify his request for quote.	M AN 1/45
BQR03	652	<b>Request Quotation Control Date</b> Date to be used for reference purposes in an RFQ and a response to RFQ.	M DT 6/6
BQR04	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time. Required by PIDX 007 Effective Recommended by PIDX 017 Estimated Delivery 036 Expiration Recommended by PIDX 067 Current Schedule Delivery 068 Current Schedule Ship 099 Bid Open (Date Bids Will Be Opened)	C ID 3/3
BQR05	373	<b>Date</b> Date (YYMMDD). Required by PIDX	O DT 6/6
BQR06	379	<b>Bid Type Response Code</b> Code indicating the type of bid or quote. AB Alternate Bid BI Bid Without Exception DQ Decline to Quote	O ID 2/2

**Segment:** **NTE** Note/Special Instruction  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Floating  
**Max Use:** 100  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction  
**Comments:** A The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the "NTE" segment should therefore be avoided, if at all possible, in an automated environment.

**Notes:** Not Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
NTE01	363	<b>Note Reference Code</b> Code identifying the functional area or purpose for which the note applies.	O ID 3/3
NTE02	3	<b>Free Form Message</b> Free-form text.	M AN 1/60

**Segment:** **CUR** Currency  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax:** 1 If CUR08 is present, then CUR07 is required.  
 2 If CUR09 is present, then CUR07 is required.  
 3 If CUR11 is present, then CUR10 is required.  
 4 If CUR12 is present, then CUR10 is required.  
 5 If CUR14 is present, then CUR13 is required.  
 6 If CUR15 is present, then CUR13 is required.  
 7 If CUR17 is present, then CUR16 is required.  
 8 If CUR18 is present, then CUR16 is required.  
 9 If CUR20 is present, then CUR19 is required.  
 10 If CUR21 is present, then CUR19 is required.

**Comments:** **A** Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver).

CUR\*BY\*CAD\* N/L

Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.

**B** CUR\*BY\*USD\*1.20\*SE\*CAD\*NY\*007\*840821\*1400 N/L  
 1 2 3 4  
 1. Identifies the buyer's (BY) currency as U.S. dollars (USD).  
 2. The multiplier (1.20) is the exchange rate factor for the conversion.  
 3. Identifies the seller's (SE) currency as Canadian dollars (CAD).  
 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CUR01	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	M ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	
		SU Supplier/Manufacturer	
		UC Ultimate Consignee	
		VN Vendor	
CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified.	M ID 3/3
CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.	O R 4/6
CUR04	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	

		<b>SU Supplier/Manufacturer</b>		
		<b>UC Ultimate Consignee</b>		
		<b>VN Vendor</b>		
<b>CUR05</b>	<b>100</b>	<b>Currency Code</b>	<b>O ID 3/3</b>	
		Code (Standard ISO) for country in whose currency the charges are specified.		
<b>CUR06</b>	<b>669</b>	<b>Currency Market/Exchange Code</b>	<b>O ID 3/3</b>	
		Code identifying the market upon which the currency exchange rate is based.		
<b>CUR07</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR08</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR09</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR10</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR11</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR12</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR13</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		

		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR14</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR15</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR16</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR17</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR18</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR19</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR20</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR21</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		

**Segment:** REF Reference Numbers

**Level:** Header

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** 12

**Purpose:** To specify identifying numbers.

**Notes:** Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Number Qualifier Code qualifying the Reference Number. Recommended by PIDX	M ID 2/2
		BD Bid Number Recommended by PIDX	
		PR Price Quote Number Recommended by PIDX	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Recommended by PIDX	M AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content. Not Used by PIDX	O AN 1/80

**Segment:** PER Administrative Communications Contact

**Level:** Header

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** 3

**Purpose:** To identify a person or office to whom administrative communications should be directed

**Syntax:** 1 If PER03 is present, then PER04 is required.

**Notes:** Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named. Recommended by PIDX	M ID 2/2
		SR Sales Representative or Department Recommended by PIDX	
		TR Technical Marketing Representative	
PER02	93	Name Free-form name. Recommended by PIDX	O AN 1/35
PER03	365	Communication Number Qualifier Code identifying the type of communication number. Recommended by PIDX	O ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable. Recommended by PIDX	C AN 7/21

**Segment:** **TAX** Sales Tax Reference  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To provide data required for proper notification/determination of applicable sales and related taxes applying to the transaction.  
**Syntax:** 1 At least one of TAX01 or TAX02 must be present.  
 2 If TAX02 is present, then TAX03 is required.  
 3 If TAX04 is present, then TAX05 is required.  
 4 If TAX06 is present, then TAX07 is required.  
 5 If TAX08 is present, then TAX09 is required.  
 6 If TAX10 is present, then TAX11 is required.  
**Comments:** A 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 (5) taxing jurisdictions.  
 B TAX01 is required if tax exemption is being claimed.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TAX01	325	<b>Tax Identification Number</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.), often called a tax exemption number or certificate number.	C AN 1/20
TAX02	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX03	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX04	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX05	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX06	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX07	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX08	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX09	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX10	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX11	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX12	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax.	O ID 1/1

**Segment:** **FOB** F.O.B. Related Instructions  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax:** 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.  
**Comments:** A FOB01 indicates which party will pay the carrier.  
 B FOB02 is the code specifying transportation responsibility location.  
 C FOB06 is the code specifying title passage location.  
 D 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.  
**Notes:** **Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges.	M ID 2/2
FOB02	309	<b>Location Qualifier</b> Code identifying type of location. <b>Recommended by PIDX</b>	C ID 1/2
FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content. <b>Recommended by PIDX</b>	O AN 1/80
FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms.	O ID 2/2
FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility.	C ID 3/3
FOB06	309	<b>Location Qualifier</b> Code identifying type of location.	C ID 1/2
FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB08	54	<b>Risk of Loss Qualifier</b> Code specifying where responsibility for risk of loss passes.	O ID 2/2
FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** CTP Pricing Information

**Level:** Header

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** 25

**Purpose:** To specify pricing information

**Syntax:** 1 If CTP02 is present, then CTP03 is required.  
2 If CTP04 is present, then CTP05 is required.  
3 If CTP06 is present, then CTP07 is required.

**Comments:** A Example of use of CTP03 and CTP04.

PRICE	QUANTITY RANGE
1.00	0 to 999
0.75	1000 to 4999
0.50	5000 to 9999
0.25	10000 and above

CTP03 CTP04

1.00	0
0.75	1000
0.50	5000
0.25	10000

B Example of use of CTP03, CTP04 and CTP07.

CTP03 CTP04 CTP07

1.00	0	0.90
0.75	1000	0.90
0.50	5000	0.90
0.25	10000	0.90

C CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of 90 would be the factor if a 10% discount is given.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade.	O ID 2/2
CTP02	236	<b>Price Qualifier</b> Code identifying pricing specification.	O ID 3/3
		<b>ALT Alternate Price</b>	
CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C R 1/14
CTP04	380	<b>Quantity</b> Numeric value of quantity.	O R 1/10
CTP05	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2

CTP06 648 **Price Multiplier Qualifier** O ID 3/3  
Code indicating the type of price multiplier.

CTP07 649 **Multiplier** C R 1/10  
Value, identified by price multiplier qualifier, to be used to multiply price to obtain a new value.

FINAL

**Segment:** **SSS** Special Services  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify special conditions or services associated with the purchased product  
**Comments:** A SSS07 (Description) is normally used to clarify/expand on the services to be provided.  
**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SSS01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified.	M ID 1/1
SSS02	559	<b>Association Qualifier Code</b> Code identifying the association assigning the code values.	M ID 2/2
SSS03	560	<b>Special Services Code</b> Code identifying the special service.	M ID 2/10
SSS04	561	<b>Service Marks and Numbers</b> Data used to identify the performance of the service specified by Special Services Code (560).	O AN 1/45
SSS05	359	<b>Allowance or Charge Rate</b> Allowance or Charge Rate per Unit.	O R 1/9
SSS06	360	<b>Allowance or Charge Total Amount</b> Total dollar amount for the allowance or charge.	O N2 1/9
SSS07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80

**Segment:** **CSH** Header Sale Condition  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify general conditions or requirements of the sale  
**Syntax:** 1 If CSH02 is present, then CSH03 is required.  
2 If CSH06 is present, then CSH07 is required.  
**Comments:** A CSH04 is the account number to which the purchase amount is to be charged.  
**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CSH01	563	<b>Back-Order Code</b> Code to identify the back-order agreement.	O ID 1/1
CSH02	564	<b>Do-Not-Exceed Action Code</b> Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565).	O ID 1/1
CSH03	565	<b>Do-Not-Exceed Amount</b> Maximum monetary amount value which the order must not exceed.	C N2 2/9
CSH04	508	<b>Account Number</b> Account number assigned.	O AN 1/35
CSH05	596	<b>Required Invoice Date</b> Date specified by the sender to be shown on the invoice.	O DT 6/6
CSH06	559	<b>Association Qualifier Code</b> Code identifying the association assigning the code values.	O ID 2/2
CSH07	560	<b>Special Services Code</b> Code identifying the special service.	C ID 2/10

**Segment:** **ITA** Allowance, Charge or Service  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify allowances, charges or services  
**Syntax:** 1 If ITA02 is present, then at least one of ITA03, or ITA13 is required.  
 2 At least one of ITA06, ITA07, or ITA08 must be present.  
 3 If ITA08 is present, then ITA09 is required.  
 4 If ITA10 is present, then ITA11 is required.  
**Comments:** A If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.  
 B ITA12 is the quantity of free goods.  
**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITA01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified.	M ID 1/1
ITA02	559	<b>Association Qualifier Code</b> Code identifying the association assigning the code values.	O ID 2/2
ITA03	560	<b>Special Services Code</b> Code identifying the special service.	C ID 2/10
ITA04	331	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge.	M ID 2/2
ITA05	341	<b>Allowance or Charge Number</b> The number assigned by a vendor referencing an allowance, promotion, deal or charge.	O AN 1/16
ITA06	359	<b>Allowance or Charge Rate</b> Allowance or Charge Rate per Unit.	C R 1/9
ITA07	360	<b>Allowance or Charge Total Amount</b> Total dollar amount for the allowance or charge.	C N2 1/9
ITA08	378	<b>Allowance/ Charge Percent Qualifier</b> Code indicating on what basis allowance or charge percent is calculated.	C ID 1/1
ITA09	332	<b>Allowance or Charge Percent</b> Allowance or charge expressed as a percent.	C R 1/6
ITA10	339	<b>Allowance or Charge Quantity</b> Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.	O R 1/10
ITA11	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
ITA12	380	<b>Quantity</b> Numeric value of quantity.	O R 1/10
ITA13	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80
ITA14	150	<b>Special Charge Code</b> Code identifying type of special charge.	O ID 3/3

**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify terms of sale.  
**Syntax:** 1 If ITD03 is present, then at least one of ITD04, ITD05, 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 ITD10 or ITD11 is required.  
**Comments:** A If the code in ITD01 is 04, then ITD09 is required and either ITD10 or ITD11 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required. If the code in ITD01 does not equal 04 or 05, then ITD03 or ITD08 is required.  
**Notes:** **Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms. <b>Recommended by PIDX</b> 03 Fixed Date	O ID 2/2
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period. 3 Invoice Date 5 Invoice Receipt Date 8 Invoice Transmission Date	M ID 1/2
ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. <b>Recommended by PIDX</b>	O R 1/6
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned. <b>Recommended by PIDX</b>	C DT 6/6
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned.	C N0 1/3
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due.	O DT 6/6
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable).	O N0 1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount.	O N2 1/10
ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due.	O DT 6/6

ITD10	389	<b>Deferred Amount Due</b> Deferred amount due for payment.	C N2	1/10
ITD11	342	<b>Percent of Invoice Payable</b> Amount of invoice payable expressed in percent.	C R	1/5
ITD12	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN	1/80
ITD13	765	<b>Day of Month</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced.	C N0	1/2

FINAL

**Segment:** DIS Discount Detail  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To specify the exact type and terms of various discount information.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
DIS01	653	<b>Discount Terms Type Code</b> Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.	M ID 3/3
DIS02	654	<b>Discount Base Qualifier</b> Code to define unit of discount, i.e., dollars, cases, alternate products, etc.	M ID 2/2
DIS03	655	<b>Discount Base Value</b> A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount.	M R 1/10
DIS04	656	<b>Discount Control Limit Qualifier</b> Code to define the units of the limits for determining discount.	M ID 2/3
DIS05	657	<b>Lower Discount Control Limit</b> Amount or time minimum for application of the discount.	M N0 1/10
DIS06	658	<b>Upper Discount Control Limit</b> Amount or time maximum for application of the discount.	O N0 1/10

FINAL

**Segment:** **DTM** Date/Time Reference  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax:** 1 At least one of DTM02 or DTM03 must be present.  
**Notes:** Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time. Recommended by PIDX	M ID 3/3
		007 Effective Recommended by PIDX	
		017 Estimated Delivery	
		036 Expiration Recommended by PIDX	
		067 Current Schedule Delivery	
		068 Current Schedule Ship	
		099 Bid Open (Date Bids Will Be Opened)	
DTM02	373	<b>Date</b> Date (YYMMDD). Recommended by PIDX	C DT 6/6
DTM03	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	C TM 4/4
DTM04	623	<b>Time Code</b> Code identifying the time.	O ID 2/2

**Segment:** **LDT** Lead Time  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify lead time for availability of products and services.  
**Comments:** A LDT04 is the effective date of lead time information.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
LDT01	345	<b>Lead Time Code</b> Code indicating the time range.	M ID 2/2
LDT02	380	<b>Quantity</b> Numeric value of quantity.	M R 1/10
LDT03	344	<b>Unit of Time Period Code</b> Code indicating the time period.	M ID 2/2
LDT04	373	<b>Date</b> Date (YYMMDD).	O DT 6/6

FINAL

**Segment:** **SHH** General Schedule

**Level:** Header

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify general scheduling conditions

**Syntax:** 1 If SHH03 or SHH04 is present, SHH02 is required.

**Comments:** A SHH02 specifies the interpretation to be used for SHH03 and SHH04.

**Notes:** Not Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
SHH01	562	<b>Scheduling/Shipping Code</b> Code indicating general scheduling/shipping arrangements.	M	ID 2/2
SHH02	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	C	ID 3/3
SHH03	373	<b>Date</b> Date (YYMMDD).	C	DT 6/6
SHH04	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	C	TM 4/4

**Segment:** **LIN** Item Identification

**Level:** Header

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify basic item identification data.

**Syntax:** 1 If LIN04 is present, then LIN05 is required.

2 If LIN06 is present, then LIN07 is required.

3 If LIN08 is present, then LIN09 is required.

4 If LIN10 is present, then LIN11 is required.

5 If LIN12 is present, then LIN13 is required.

6 If LIN14 is present, then LIN15 is required.

7 If LIN16 is present, then LIN17 is required.

8 If LIN18 is present, then LIN19 is required.

9 If LIN20 is present, then LIN21 is required.

10 If LIN22 is present, then LIN23 is required.

11 If LIN24 is present, then LIN25 is required.

12 If LIN26 is present, then LIN27 is required.

13 If LIN28 is present, then LIN29 is required.

14 If LIN30 is present, then LIN31 is required.

**Comments:** A See the Data Dictionary for a complete list of ID's.

B LIN01 is the line item identification

C LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Notes:** Not Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
LIN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set.	O	AN 1/6
LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	M	ID 2/2
LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service.	M	AN 1/30
LIN04	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID 2/2
LIN05	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN 1/30

LIN06	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN07	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN08	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN09	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN10	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN11	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN12	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN13	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN14	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN15	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN16	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN17	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN18	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN19	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN20	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN21	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN22	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN23	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN24	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN25	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN26	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN27	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN28	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2

LIN29	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30
LIN30	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID	2/2
LIN31	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN	1/30

**Segment:** **PID** Product/Item Description  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 200  
**Purpose:** To describe a product or process in coded or free-form format  
**Syntax:** 1 If PID04 is present, then PID03 is required.  
 2 At least one of PID04 or PID05 must be present.  
**Comments:** **A** When PID01 is "F", PID04 is not used.  
**B** Use PID03 to indicate the organization that publishes the code list being referred to.  
**C** PID04 should be used for industry-specific product description codes.  
**D** Use PID06 when necessary to refer to the product surface or layer being described in the segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code specifying the product or process characteristic being described.	O ID 2/3
PID03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic.	C ID 1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80
PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described.	O ID 2/2

Not Used by PIDX

**Segment:** **MEA** Measurements  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 40  
**Purpose:** To specify physical measurements, including dimensions, tolerances, weights and counts.  
**Syntax:** 1 Either MEA03 or MEA05 or MEA06 or MEA08 is required.  
 2 If either MEA03, MEA05 or MEA06 is used, MEA04 is required.  
 3 If MEA07 is used MEA03 is required.  
 4 Either MEA08 or MEA03 may be used, but not both.  
**Comments:** **A** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MEA01	737	<b>Measurement Reference ID Code</b> Code specifying the application of physical measurement cited.	O ID 2/2
MEA02	738	<b>Measurement Qualifier</b> Code identifying the type of measurement.	O ID 1/3
MEA03	739	<b>Measurement Value</b> The value of the measurement.	C R 1/10
MEA04	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range.	C R 1/10
MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range.	C R 1/10
MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value.	O ID 2/2
MEA08	936	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined.	C ID 2/2
MEA09	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described.	O ID 2/2

**Segment:** **PWK** Paperwork  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify the type and transmission of paperwork relating to product or order.  
**Syntax:** 1 If either PWK05 or PWK06 is present, then the other is required.  
**Comments:** A PWK05 and PWK06 may be used to identify the addressee by a code number.  
 B PWK07 may be used to indicate special information to be shown on the specified report.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PWK01	755	<b>Report Type Code</b> Code indicating the title and/or contents of a document or report.	M ID 2/2
PWK02	756	<b>Report Transmission Code</b> Code defining timing and transmission method by which reports are to be sent.	M ID 2/2
PWK03	757	<b>Report Copies Needed</b> The number of copies of a report that should be sent to the addressee.	O N0 1/2
PWK04	98	<b>Entity Identifier Code</b> Code identifying an organizational entity or a physical location.	O ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	
		SU Supplier/Manufacturer	
		UC Ultimate Consignee	
		VN Vendor	
PWK05	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2
PWK06	67	<b>Identification Code</b> Code identifying a party.	C ID 2/17
PWK07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80

**Segment:** **PKG** Marking, Packaging, Loading  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To describe marking, packaging, loading and unloading requirements.  
**Syntax:** 1 If PKG04 is present, then PKG03 is required.  
 2 At least one of PKG04 or PKG05 must be present.  
**Comments:** A Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.  
 B When PKG01 is "F", PKG04 is not used.  
 C Use PKG03 to indicate the organization that publishes the code list being referred to.  
 D PKG04 should be used for industry-specific packaging description codes.  
 E Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described.	O ID 1/5
PKG03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.	C ID 1/7
PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment: TD1** Carrier Details (Quantity and Weight)  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the transportation details relative to commodity, weight and quantity.  
**Syntax:** 1 If TD101 is present, then TD102 is required.  
 2 If TD103 is present, then TD104 is required.  
 3 If TD106 is present, then TD107, and TD108 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
TD101	103	<b>Packaging Code</b> Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O ID	5/5
TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity.	C NO	1/7
TD103	23	<b>Commodity Code Qualifier</b> Code identifying the commodity coding system used for Commodity Code.	O ID	1/1
TD104	22	<b>Commodity Code</b> Code describing a commodity or group of commodities.	C ID	1/16
TD105	79	<b>Lading Description</b> Description of an item as required for rating and billing purposes.	O AN	1/50
TD106	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID	1/2
TD107	81	<b>Weight</b> Numeric value of weight.	C R	1/8
TD108	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID	2/2

**Segment: TD5** Carrier Details (Routing Sequence/Transit Time)  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information  
**Syntax:** 1 At least one of TD502, TD504, or TD505 must be present.  
 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.

**Comments:** A 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; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement.	O ID	1/2
TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	C ID	1/2
TD503	67	<b>Identification Code</b> Code identifying a party.	C ID	2/17
TD504	91	<b>Transportation Method Code</b> Code specifying the method of transportation for the shipment.	C ID	1/2
TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	C AN	1/35
TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment	O ID	2/2
TD507	309	<b>Location Qualifier</b> Code identifying type of location.	O ID	1/2
TD508	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN	1/25
TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction.	O ID	2/2
TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the transit time.	O ID	2/2
TD511	733	<b>Transit Time</b> The numeric amount of transit time.	C R	1/4

**Segment:** **TD3** Carrier Details (Equipment)  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier.  
**Syntax:** 1 If TD302 is present, then TD303 is required.  
 2 If TD304 is present, then TD305, and TD306 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD301	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment.	M ID 2/2
TD302	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number.	O AN 1/4
TD303	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	C AN 1/10
TD304	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID 1/2
TD305	81	<b>Weight</b> Numeric value of weight.	C R 1/8
TD306	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
TD307	102	<b>Ownership Code</b> Code indicating the relationship of equipment to carrier.	O ID 1/1

**Segment:** **TD4** Carrier Details (Special Handling/Hazardous Materials)  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify transportation special handling requirements and hazardous materials information  
**Syntax:** 1 At least one of TD401 or TD404 must be present.  
 2 If TD402 is present, then TD403 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD401	152	<b>Special Handling Code</b> Code specifying special transportation handling instructions.	C ID 2/3
TD402	208	<b>Hazardous Material Code Qualifier</b> Code which qualifies the Hazardous Material Class Code (209).	O ID 1/1
TD403	209	<b>Hazardous Material Class Code</b> Code specifying the kind of hazard for a material.	C ID 2/4
TD404	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** **MAN** Marks and Numbers  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To indicate identifying marks and numbers for shipping containers

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MAN01	88	Marks and Numbers Qualifier	M ID 1/2
		Code specifying the application or source of Marks and Numbers (87).	
MAN02	87	Marks and Numbers	M AN 1/45
		Marks and numbers used to identify a shipment or parts of a shipment.	

FINAL

**Segment:** **CTB** Restrictions  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify restrictions (such as shipping, ordering)  
**Syntax:** 1 Either CTB02 or CTB04 is required.  
2 If either CTB03 or CTB04 is used, the other is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTB01	688	Restriction Qualifier	M ID 2/2
		Code identifying the type of restriction.	
CTB02	352	Description	C AN 1/80
		A free-form description to clarify the related data elements and their content.	
CTB03	673	Quantity Qualifier	C ID 2/2
		Code specifying the type of quantity.	
CTB04	380	Quantity	C R 1/10
		Numeric value of quantity.	

FINAL

**Segment:** **N9** Reference Number  
**Level:** Header  
**Loop:** N9 **Repeat:** 1000  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier  
**Syntax:** 1 At least one of N902 or N903 must be present.  
**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N901	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number.	M ID 2/2
N902	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30
N903	369	<b>Free-form Description</b> Free-form descriptive text.	C AN 1/45
N904	373	<b>Date</b> Date (YYMMDD).	O DT 6/6
N905	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O TM 4/4

**Segment:** **MSG** Message Text  
**Level:** Header  
**Loop:** N9  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Comments:** A MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MSG01	933	<b>Free-Form Message Text</b> Free-form message text.	M AN 1/264
MSG02	934	<b>Printer Carriage Control Code</b> A field to be used for the control of the line feed of the receiving printer.	O ID 2/2

**Segment:** **N1** Name  
**Level:** Header  
**Loop:** N1 **Repeat:** 200  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name and code  
**Syntax:** 1 At least one of N102 or N103 must be present.  
 2 If either N103 or N104 is present, then the other is required.  
**Comments:** **A** 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.  
**Notes:** **Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	M ID 2/2
<b>Recommended by PIDX</b>			
BY Buying Party (Purchaser)			
CS Consolidator			
DB Distributor Branch			
FW Forwarder			
SE Selling Party			
ST Ship To			
SU Supplier/Manufacturer			
UC Ultimate Consignee			
VN Vendor			
N102	93	Name Free-form name.	C AN 1/35
<b>Recommended by PIDX</b>			
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2
N104	67	Identification Code Code identifying a party.	C ID 2/17

**Segment:** **N2** Additional Name Information  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N201	93	Name Free-form name.	M AN 1/35
N202	93	Name Free-form name.	O AN 1/35

FINAL

**Segment:** N3 Address Information  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N301	166	Address Information Address information	M AN 1/35
N302	166	Address Information Address information	O AN 1/35

FINAL

**Segment:** N4 Geographic Location  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax:** 1 At least one of N401 or N405 must be present.  
 2 If N401 is present, then N402 is required.  
 3 If either N405 or N406 is present, then the other is required.  
**Comments:** A A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.  
 B N402 is required only if city name (N401) is in the USA or Canada.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N401	19	City Name Free-form text for city name.	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) defined by appropriate governmental agencies.	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O ID 5/9
N404	26	Country Code Code identifying the country.	O ID 2/2
N405	309	Location Qualifier Code identifying type of location.	O ID 1/2
N406	310	Location Identifier Code which identifies a specific location.	C AN 1/25

**Segment:** REF Reference Numbers  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		BD Bid Number	
		PR Price Quote Number Recommended by PIDX	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80

**Segment:** PER Administrative Communications Contact  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax:** 1 If PER03 is present, then PER04 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named.	M ID 2/2
		SR Sales Representative or Department Recommended by PIDX	
		TR Technical Marketing Representative	
PER02	93	Name Free-form name.	O AN 1/35
PER03	365	Communication Number Qualifier Code identifying the type of communication number.	O ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable.	C AN 7/21

**Segment: FOB** F.O.B. Related Instructions  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax:** 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.  
**Comments:** A FOB01 indicates which party will pay the carrier.  
 B FOB02 is the code specifying transportation responsibility location.  
 C FOB06 is the code specifying title passage location.  
 D 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.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges.	M ID 2/2
FOB02	309	<b>Location Qualifier</b> Code identifying type of location.	C ID 1/2
FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms.	O ID 2/2
FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility.	C ID 3/3
FOB06	309	<b>Location Qualifier</b> Code identifying type of location.	C ID 1/2
FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB08	54	<b>Risk of Loss Qualifier</b> Code specifying where responsibility for risk of loss passes.	O ID 2/2
FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment: TD1** Carrier Details (Quantity and Weight)  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the transportation details relative to commodity, weight and quantity.  
**Syntax:** 1 If TD101 is present, then TD102 is required.  
 2 If TD103 is present, then TD104 is required.  
 3 If TD106 is present, then TD107, and TD108 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD101	103	<b>Packaging Code</b> Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O ID 5/5
TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity.	C NO 1/7
TD103	23	<b>Commodity Code Qualifier</b> Code identifying the commodity coding system used for Commodity Code.	O ID 1/1
TD104	22	<b>Commodity Code</b> Code describing a commodity or group of commodities.	C ID 1/16
TD105	79	<b>Lading Description</b> Description of an item as required for rating and billing purposes.	O AN 1/50
TD106	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID 1/2
TD107	81	<b>Weight</b> Numeric value of weight.	C R 1/8
TD108	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2

**Segment: TD5** Carrier Details (Routing Sequence/Transit Time)  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information  
**Syntax:** 1 At least one of TD502, TD504, or TD505 must be present.  
 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.  
**Comments:** A 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; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement.	O ID 1/2
TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2
TD503	67	<b>Identification Code</b> Code identifying a party.	C ID 2/17
TD504	91	<b>Transportation Method Code</b> Code specifying the method of transportation for the shipment.	C ID 1/2
TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	C AN 1/35
TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment	O ID 2/2
TD507	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TD508	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction.	O ID 2/2
TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the transit time.	O ID 2/2
TD511	733	<b>Transit Time</b> The numeric amount of transit time.	C R 1/4

**Segment: TD3** Carrier Details (Equipment)  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier.  
**Syntax:** 1 If TD302 is present, then TD303 is required.  
 2 If TD304 is present, then TD305, and TD306 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD301	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment.	M ID 2/2
TD302	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number.	O AN 1/4
TD303	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	C AN 1/10
TD304	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID 1/2
TD305	81	<b>Weight</b> Numeric value of weight.	C R 1/8
TD306	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
TD307	102	<b>Ownership Code</b> Code indicating the relationship of equipment to carrier.	O ID 1/1

**Segment:** **TD4** Carrier Details (Special Handling/Hazardous Materials)  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify transportation special handling requirements and hazardous materials information  
**Syntax:** 1 At least one of TD401 or TD404 must be present.  
 2 If TD402 is present, then TD403 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD401	152	<b>Special Handling Code</b> Code specifying special transportation handling instructions.	C ID 2/3
TD402	208	<b>Hazardous Material Code Qualifier</b> Code which qualifies the Hazardous Material Class Code (209).	O ID 1/1
TD403	209	<b>Hazardous Material Class Code</b> Code specifying the kind of hazard for a material.	C ID 2/4
TD404	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** **PKG** Marking, Packaging, Loading  
**Level:** Header  
**Loop:** N1  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To describe marking, packaging, loading and unloading requirements.  
**Syntax:** 1 If PKG04 is present, then PKG03 is required.  
 2 At least one of PKG04 or PKG05 must be present.  
**Comments:** A Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.  
 B When PKG01 is "F", PKG04 is not used.  
 C Use PKG03 to indicate the organization that publishes the code list being referred to.  
 D PKG04 should be used for industry-specific packaging description codes.  
 E Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described.	O ID 1/5
PKG03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.	C ID 1/7
PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** PO1 Purchase Order Baseline Item Data  
**Level:** Detail  
**Loop:** PO1 **Repeat:** 100000  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify basic and most frequently used purchase order line item data  
**Syntax:** 1 If PO105 is present, then PO104 is required.  
 2 If PO106 is present, then PO107 is required.  
 3 If PO108 is present, then PO109 is required.  
 4 If PO110 is present, then PO111 is required.  
 5 If PO112 is present, then PO113 is required.  
 6 If PO114 is present, then PO115 is required.  
 7 If PO116 is present, then PO117 is required.  
 8 If PO118 is present, then PO119 is required.  
 9 If PO120 is present, then PO121 is required.  
 10 If PO122 is present, then PO123 is required.  
 11 If PO124 is present, then PO125 is required.  
**Comments:** A See the Data Dictionary for a complete list of ID's.  
 B PO101 is the line item identification  
 C PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.  
**Notes:** Required by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set. <b>Recommended by PIDX</b>	O AN 1/6
PO102	330	<b>Quantity Ordered</b> Quantity ordered.	M R 1/9
PO103	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	M ID 2/2
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc. <b>Recommended by PIDX</b>	C R 1/14
PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item.	O ID 2/2
PO106	235	<b>Product/Service ID Qualifier</b>	O ID 2/2

PO107	234	<b>Product/Service ID</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). Identifying number for a product or service.	C 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).	O ID 2/2
PO109	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO110	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO111	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO112	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO113	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO114	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO115	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO116	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO117	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO118	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO119	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO120	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO121	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO122	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO123	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
PO124	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
PO125	234	<b>Product/Service ID</b> Identifying number for a product or service.	C AN 1/30

**Segment:** **CUR** Currency  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax:** 1 If CUR08 is present, then CUR07 is required.  
 2 If CUR09 is present, then CUR07 is required.  
 3 If CUR11 is present, then CUR10 is required.  
 4 If CUR12 is present, then CUR10 is required.  
 5 If CUR14 is present, then CUR13 is required.  
 6 If CUR15 is present, then CUR13 is required.  
 7 If CUR17 is present, then CUR16 is required.  
 8 If CUR18 is present, then CUR16 is required.  
 9 If CUR20 is present, then CUR19 is required.  
 10 If CUR21 is present, then CUR19 is required.

**Comments:** **A** Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver).

CUR\*BY\*CAD\* N/L

Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.

**B** CUR\*BY\*USD\*1.20\*SE\*CAD\*NY\*007\*840821\*1400 N/L  
 1 2 3 4  
 1. Identifies the buyer's (BY) currency as U.S. dollars (USD).  
 2. The multiplier (1.20) is the exchange rate factor for the conversion.  
 3. Identifies the seller's (SE) currency as Canadian dollars (CAD).  
 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CUR01	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	M ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	
		SU Supplier/Manufacturer	
		UC Ultimate Consignee	
		VN Vendor	
CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified.	M ID 3/3
CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.	O R 4/6
CUR04	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	

		<b>SU Supplier/Manufacturer</b>		
		<b>UC Ultimate Consignee</b>		
		<b>VN Vendor</b>		
<b>CUR05</b>	<b>100</b>	<b>Currency Code</b>	<b>O ID 3/3</b>	
		Code (Standard ISO) for country in whose currency the charges are specified.		
<b>CUR06</b>	<b>669</b>	<b>Currency Market/Exchange Code</b>	<b>O ID 3/3</b>	
		Code identifying the market upon which the currency exchange rate is based.		
<b>CUR07</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR08</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR09</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR10</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR11</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR12</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR13</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		

		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR14</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR15</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR16</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR17</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR18</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR19</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR20</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR21</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		

**Segment:** PO3 Additional Item Detail  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify additional item related data involving variations in normal price/quantity structure.  
**Syntax:** 1 If PO304 is present, then at least one of PO303 or PO305 must be present.  
**Comments:** A 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).  
 B PO307 defines the unit of measure for PO306.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PO301	371	<b>Change Reason Code</b> Code specifying the reason for price or quantity change.	M ID 2/2
PO302	373	<b>Date</b> Date (YYMMDD).	O DT 6/6
PO303	236	<b>Price Qualifier</b> Code identifying pricing specification.	O ID 3/3
<b>ALT Alternate Price</b>			
PO304	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C R 1/14
PO305	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item.	O ID 2/2
PO306	380	<b>Quantity</b> Numeric value of quantity.	M R 1/10
PO307	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	M ID 2/2
PO308	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80

**Segment:** CTP Pricing Information  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify pricing information  
**Syntax:** 1 If CTP02 is present, then CTP03 is required.  
 2 If CTP04 is present, then CTP05 is required.  
 3 If CTP06 is present, then CTP07 is required.  
**Comments:** A Example of use of CTP03 and CTP04.

PRICE	QUANTITY RANGE
1.00	0 to 999
0.75	1000 to 4999
0.50	5000 to 9999
0.25	10000 and above

CTP03	CTP04
1.00	0
0.75	1000
0.50	5000
0.25	10000

B Example of use of CTP03, CTP04 and CTP07.

CTP03	CTP04	CTP07
1.00	0	0.90
0.75	1000	0.90
0.50	5000	0.90
0.25	10000	0.90

C CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of 90 would be the factor if a 10% discount is given.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade.	O ID 2/2
CTP02	236	<b>Price Qualifier</b> Code identifying pricing specification.	O ID 3/3
<b>ALT Alternate Price</b>			
CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C R 1/14
CTP04	380	<b>Quantity</b> Numeric value of quantity.	O R 1/10
CTP05	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2

CTP06	648	<b>Price Multiplier Qualifier</b> Code indicating the type of price multiplier.	O ID 3/3
CTP07	649	<b>Multiplier</b> Value, identified by price multiplier qualifier, to be used to multiply price to obtain a new value.	C R 1/10

FINAL

**Segment:** **PID** Product/Item Description  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To describe a product or process in coded or free-form format  
**Syntax:** 1 If PID04 is present, then PID03 is required.  
 2 At least one of PID04 or PID05 must be present.  
**Comments:** **A** When PID01 is "F", PID04 is not used.  
**B** Use PID03 to indicate the organization that publishes the code list being referred to.  
**C** PID04 should be used for industry-specific product description codes.  
**D** Use PID06 when necessary to refer to the product surface or layer being described in the segment.

**Notes:** Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	<b>Item Description Type</b> Code indicating the format of a description. Recommended by PIDX	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code specifying the product or process characteristic being described. Not Used by PIDX	O ID 2/3
PID03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used. Not Used by PIDX	C ID 2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic. Not Used by PIDX	C ID 1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content. Recommended by PIDX	C AN 1/80
PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described. Not Used by PIDX	O ID 2/2

**Segment:** **MEA** Measurements  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 40  
**Purpose:** To specify physical measurements, including dimensions, tolerances, weights and counts.  
**Syntax:** 1 Either MEA03 or MEA05 or MEA06 or MEA08 is required.  
 2 If either MEA03, MEA05 or MEA06 is used, MEA04 is required.  
 3 If MEA07 is used MEA03 is required.  
 4 Either MEA08 or MEA03 may be used, but not both.  
**Comments:** A When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

REF. DIS.	DATA ELEMENT	NAME	ATTRIBUTES
MEA01	737	<b>Measurement Reference ID Code</b> Code specifying the application of physical measurement cited.	O ID 2/2
MEA02	738	<b>Measurement Qualifier</b> Code identifying the type of measurement.	O ID 1/3
MEA03	739	<b>Measurement Value</b> The value of the measurement.	C R 1/10
MEA04	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range.	C R 1/10
MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range.	C R 1/10
MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value.	O ID 2/2
MEA08	936	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined.	C ID 2/2
MEA09	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described.	O ID 2/2

**Segment:** **PWK** Paperwork  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify the type and transmission of paperwork relating to product or order.  
**Syntax:** 1 If either PWK05 or PWK06 is present, then the other is required.  
**Comments:** A PWK05 and PWK06 may be used to identify the addressee by a code number.  
 B PWK07 may be used to indicate special information to be shown on the specified report.

**Data Element Summary**

REF. DIS.	DATA ELEMENT	NAME	ATTRIBUTES
PWK01	755	<b>Report Type Code</b> Code indicating the title and/or contents of a document or report.	M ID 2/2
PWK02	756	<b>Report Transmission Code</b> Code defining timing and transmission method by which reports are to be sent.	M ID 2/2
PWK03	757	<b>Report Copies Needed</b> The number of copies of a report that should be sent to the addressee.	O N0 1/2
PWK04	98	<b>Entity Identifier Code</b> Code identifying an organizational entity or a physical location. BY Buying Party (Purchaser) CS Consolidator DB Distributor Branch FW Forwarder SE Selling Party ST Ship To SU Supplier/Manufacturer UC Ultimate Consignee VN Vendor	O ID 2/2
PWK05	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2
PWK06	67	<b>Identification Code</b> Code identifying a party.	C ID 2/17
PWK07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80

**Segment:** **PKG** Marking, Packaging, Loading  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To describe marking, packaging, loading and unloading requirements.  
**Syntax:** 1 If PKG04 is present, then PKG03 is required.  
 2 At least one of PKG04 or PKG05 must be present.  
**Comments:** A Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.  
 B When PKG01 is "F", PKG04 is not used.  
 C Use PKG03 to indicate the organization that publishes the code list being referred to.  
 D PKG04 should be used for industry-specific packaging description codes.  
 E Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described.	O ID 1/5
PKG03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.	C ID 1/7
PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** **PO4** Item Physical Details  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the physical qualities, packaging, weights and dimensions relating to the item.  
**Syntax:** 1 If PO402 is present, then PO403 is required.  
 2 If PO405 is present, then at least one of PO406 or PO407 is required.  
 3 If PO408 is present, then PO409 is required.  
 4 If PO413 is present, then at least one of PO410, PO411 or PO412 is required.  
**Comments:** A PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.  
 B PO410 defines the unit of measure for PO408, PO409, and PO410.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PO401	356	<b>Pack</b> Number of inner pack units per outer pack unit.	O NO 1/6
PO402	357	<b>Size</b> Size of supplier units in pack.	O R 1/8
PO403	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
PO404	103	<b>Packaging Code</b> Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O ID 5/5
PO405	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID 1/2
PO406	384	<b>Gross Weight per Pack</b> Numeric value of gross weight per pack.	C R 1/9
PO407	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
PO408	385	<b>Gross Volume per Pack</b> Numeric value of gross volume per pack.	O R 1/9
PO409	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
PO410	82	<b>Length</b> Largest horizontal dimension of an object measured when the object is in the upright position.	O R 1/6
PO411	189	<b>Width</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position.	O R 1/8

<b>PO412</b>	<b>65</b>	<b>Height</b> Vertical dimension of an object measured when the object is in the upright position.	<b>O R</b>	<b>1/6</b>
<b>PO413</b>	<b>355</b>	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	<b>C ID</b>	<b>2/2</b>

FINAL

**Segment:** REF Reference Numbers  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number.	M ID 2/2
		<b>BD Bid Number</b>	
		<b>PR Price Quote Number</b> Recommended by PIDX	
REF02	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M AN 1/30
REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80

FINAL

**Segment:** **PER** Administrative Communications Contact  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax:** 1 If PER03 is present, then PER04 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named.	M ID 2/2
		<b>SR Sales Representative or Department</b> Recommended by PIDX	
		<b>TR Technical Marketing Representative</b>	
PER02	93	<b>Name</b> Free-form name.	O AN 1/35
PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number.	O ID 2/2
PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable.	C AN 7/21

**Segment:** **SSS** Special Services  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify special conditions or services associated with the purchased product  
**Comments:** A SSS07 (Description) is normally used to clarify/expand on the services to be provided.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SSS01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified.	M ID 1/1
SSS02	559	<b>Association Qualifier Code</b> Code identifying the association assigning the code values.	M ID 2/2
SSS03	560	<b>Special Services Code</b> Code identifying the special service.	M ID 2/10
SSS04	561	<b>Service Marks and Numbers</b> Data used to identify the performance of the service specified by Special Services Code (560).	O AN 1/45
SSS05	359	<b>Allowance or Charge Rate</b> Allowance or Charge Rate per Unit.	O R 1/9
SSS06	360	<b>Allowance or Charge Total Amount</b> Total dollar amount for the allowance or charge.	O N2 1/9
SSS07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80

**Segment:** **ITA** Allowance, Charge or Service  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify allowances, charges or services  
**Syntax:** 1 If ITA02 is present, then at least one of ITA03, or ITA13 is required.  
 2 At least one of ITA06, ITA07, or ITA08 must be present.  
 3 If ITA08 is present, then ITA09 is required.  
 4 If ITA10 is present, then ITA11 is required.  
**Comments:** A If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.  
 B ITA12 is the quantity of free goods.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITA01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified.	M ID 1/1
ITA02	559	<b>Association Qualifier Code</b> Code identifying the association assigning the code values.	O ID 2/2
ITA03	560	<b>Special Services Code</b> Code identifying the special service.	C ID 2/10
ITA04	331	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge.	M ID 2/2
ITA05	341	<b>Allowance or Charge Number</b> The number assigned by a vendor referencing an allowance, promotion, deal or charge.	O AN 1/16
ITA06	359	<b>Allowance or Charge Rate</b> Allowance or Charge Rate per Unit.	C R 1/9
ITA07	360	<b>Allowance or Charge Total Amount</b> Total dollar amount for the allowance or charge.	C N2 1/9
ITA08	378	<b>Allowance/ Charge Percent Qualifier</b> Code indicating on what basis allowance or charge percent is calculated.	C ID 1/1
ITA09	332	<b>Allowance or Charge Percent</b> Allowance or charge expressed as a percent.	C R 1/6
ITA10	339	<b>Allowance or Charge Quantity</b> Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.	O R 1/10
ITA11	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
ITA12	380	<b>Quantity</b> Numeric value of quantity.	O R 1/10
ITA13	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80
ITA14	150	<b>Special Charge Code</b> Code identifying type of special charge.	O ID 3/3

**Segment:** **IT8** Conditions of Sale  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify general conditions or requirements and to detail conditions for substitution of alternate products  
**Syntax:** 1 At least one of IT801, IT802, IT803, IT805 or IT807 must be present.  
 2 If IT808 is present, then IT809 is required.  
 3 If IT810 is present, then IT811 is required.  
 4 If IT812 is present, then IT813 is required.  
 5 If IT814 is present, then IT815 is required.  
 6 If IT816 is present, then IT817 is required.  
 7 If IT818 is present, then IT819 is required.  
 8 If IT820 is present, then IT821 is required.  
 9 If IT822 is present, then IT823 is required.  
 10 If IT824 is present, then IT825 is required.  
 11 If IT826 is present, then IT827 is required.  
**Comments:** A Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.  
 B IT804 is the account number to which the purchase amount is to be charged.  
 C IT808 through IT827 provides for ten (10) different product/service ID's for each item. Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.  
**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
IT801	563	<b>Back-Order Code</b> Code to identify the back-order agreement.	C ID 1/1
IT802	564	<b>Do-Not-Exceed Action Code</b> Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565).	C ID 1/1
IT803	565	<b>Do-Not-Exceed Amount</b> Maximum monetary amount value which the order must not exceed.	C N2 2/9
IT804	508	<b>Account Number</b> Account number assigned.	O AN 1/35
IT805	596	<b>Required Invoice Date</b> Date specified by the sender to be shown on the invoice.	C DT 6/6
IT806	559	<b>Association Qualifier Code</b> Code identifying the association assigning the code values.	O ID 2/2

IT807	566	<b>Product/Service Substitution Code</b> Code indicating product or service substitution conditions.	C	ID	1/2
IT808	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT809	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT810	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT811	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT812	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT813	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT814	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT815	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT816	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT817	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT818	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT819	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT820	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT821	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT822	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT823	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT824	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT825	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
IT826	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
IT827	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30

**Segment:** ITD Terms of Sale/Deferred Terms of Sale  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify terms of sale.  
**Syntax:** 1 If ITD03 is present, then at least one of ITD04, ITD05, 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 ITD10 or ITD11 is required.  
**Comments:** A If the code in ITD01 is 04, then ITD09 is required and either ITD10 or ITD11 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required. If the code in ITD01 does not equal 04 or 05, then ITD03 or ITD08 is required.  
**Notes:** Recommended by PIDX

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms. 03 Fixed Date	O ID 2/2
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period. 3 Invoice Date 5 Invoice Receipt Date 8 Invoice Transmission Date	M ID 1/2
ITD03	338	<b>Terms Discount Percent</b> 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
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned.	C DT 6/6
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned.	C N0 1/3
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due.	O DT 6/6
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable).	O N0 1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount.	O N2 1/10
ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due.	O DT 6/6
ITD10	389	<b>Deferred Amount Due</b> Deferred amount due for payment.	C N2 1/10
ITD11	342	<b>Percent of Invoice Payable</b> Amount of invoice payable expressed in percent.	C R 1/5

**ITD12 352 Description** O AN 1/80  
A free-form description to clarify the related data elements and their content.

**ITD13 765 Day of Month** C NO 1/2  
The numeric value of the day of the month between 1 and the maximum day of the month being referenced.

FINAL

**Segment: DIS** Discount Detail  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To specify the exact type and terms of various discount information.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
DIS01	653	<b>Discount Terms Type Code</b> Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.	M ID 3/3
DIS02	654	<b>Discount Base Qualifier</b> Code to define unit of discount, i.e., dollars, cases, alternate products, etc.	M ID 2/2
DIS03	655	<b>Discount Base Value</b> A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount.	M R 1/10
DIS04	656	<b>Discount Control Limit Qualifier</b> Code to define the units of the limits for determining discount.	M ID 2/3
DIS05	657	<b>Lower Discount Control Limit</b> Amount or time minimum for application of the discount.	M NO 1/10
DIS06	658	<b>Upper Discount Control Limit</b> Amount or time maximum for application of the discount.	O NO 1/10

FINAL

**Segment:** **TAX** Sales Tax Reference  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To provide data required for proper notification/determination of applicable sales and related taxes applying to the transaction.  
**Syntax:** 1 At least one of TAX01 or TAX02 must be present.  
 2 If TAX02 is present, then TAX03 is required.  
 3 If TAX04 is present, then TAX05 is required.  
 4 If TAX06 is present, then TAX07 is required.  
 5 If TAX08 is present, then TAX09 is required.  
 6 If TAX10 is present, then TAX11 is required.  
**Comments:** A 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 (5) taxing jurisdictions.  
 B TAX01 is required if tax exemption is being claimed.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TAX01	325	<b>Tax Identification Number</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.), often called a tax exemption number or certificate number.	C AN 1/20
TAX02	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX03	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX04	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX05	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX06	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX07	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX08	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX09	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX10	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TAX11	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TAX12	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax.	O ID 1/1

**Segment:** **FOB** F.O.B. Related Instructions  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax:** 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.  
**Comments:** A FOB01 indicates which party will pay the carrier.  
 B FOB02 is the code specifying transportation responsibility location.  
 C FOB06 is the code specifying title passage location.  
 D 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.  
**Notes:** **Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges.	M ID 2/2
FOB02	309	<b>Location Qualifier</b> Code identifying type of location.	C ID 1/2
FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms.	O ID 2/2
FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility.	C ID 3/3
FOB06	309	<b>Location Qualifier</b> Code identifying type of location.	C ID 1/2
FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB08	54	<b>Risk of Loss Qualifier</b> Code specifying where responsibility for risk of loss passes.	O ID 2/2
FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** **SDQ** Destination Quantity  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 50  
**Purpose:** To specify destination and quantity detail.  
**Syntax:** 1 If SDQ05 is present, then SDQ06 must be present.  
 2 If SDQ07 is present, then SDQ08 must be present.  
 3 If SDQ09 is present, then SDQ10 must be present.  
 4 If SDQ11 is present, then SDQ12 must be present.  
 5 If SDQ13 is present, then SDQ14 must be present.  
 6 If SDQ15 is present, then SDQ16 must be present.  
 7 If SDQ17 is present, then SDQ18 must be present.  
 8 If SDQ19 is present, then SDQ20 must be present.  
 9 If SDQ21 is present, then SDQ22 must be present.

**Comments:** A SDQ02 is used only if different than previously defined in the transaction set.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SDQ01	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	M ID 2/2
SDQ02	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	O ID 1/2
SDQ03	67	<b>Identification Code</b> Code identifying a party.	M ID 2/17
SDQ04	380	<b>Quantity</b> Numeric value of quantity.	M R 1/10
SDQ05	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ06	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ07	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ08	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ09	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ10	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ11	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ12	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ13	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17

SDQ14	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ15	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ16	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ17	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ18	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ19	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ20	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10
SDQ21	67	<b>Identification Code</b> Code identifying a party.	O ID 2/17
SDQ22	380	<b>Quantity</b> Numeric value of quantity.	C R 1/10

**Segment:** **DTM** Date/Time Reference  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax:** 1 At least one of DTM02 or DTM03 must be present.  
**Notes:** Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time. Recommended by PIDX	M ID 3/3
		007 Effective Recommended by PIDX	
		017 Estimated Delivery	
		036 Expiration Recommended by PIDX	
		067 Current Schedule Delivery	
		068 Current Schedule Ship	
		099 Bid Open (Date Bids Will Be Opened)	
DTM02	373	<b>Date</b> Date (YYMMDD). Recommended by PIDX	C DT 6/6
DTM03	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	C TM 4/4
DTM04	623	<b>Time Code</b> Code identifying the time.	O ID 2/2

**Segment:** **LDT** Lead Time  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify lead time for availability of products and services.  
**Comments:** A LDT04 is the effective date of lead time information.  
**Notes:** Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
LDT01	345	<b>Lead Time Code</b> Code indicating the time range.	M ID 2/2
LDT02	380	<b>Quantity</b> Numeric value of quantity.	M R 1/10
LDT03	344	<b>Unit of Time Period Code</b> Code indicating the time period.	M ID 2/2
LDT04	373	<b>Date</b> Date (YYMMDD).	O DT 6/6

**Segment:** **SCH** Line Item Schedule  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 104  
**Purpose:** To specify the data for scheduling a specific line item.  
**Syntax:** 1 If SCH03 is present, then SCH04 is required.  
 2 If SCH09 is used, then SCH08 is required.  
**Comments:** A SCH05 specifies the interpretation to be used for SCH06 and SCH07.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SCH01	380	<b>Quantity</b> Numeric value of quantity.	M R 1/10
SCH02	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	M ID 2/2
SCH03	98	<b>Entity Identifier Code</b> Code identifying an organizational entity or a physical location.	O ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	
		SU Supplier/Manufacturer	
		UC Ultimate Consignee	
		VN Vendor	
SCH04	93	<b>Name</b> Free-form name.	C AN 1/35
SCH05	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	M ID 3/3
		007 Effective Recommended by PIDX	
		017 Estimated Delivery	
		036 Expiration Recommended by PIDX	
		067 Current Schedule Delivery	
		068 Current Schedule Ship	
		099 Bid Open (Date Bids Will Be Opened)	
SCH06	373	<b>Date</b> Date (YYMMDD).	M DT 6/6

SCH07	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O TM 4/4
SCH08	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	O ID 3/3
		007 Effective Recommended by PIDX	
		017 Estimated Delivery	
		036 Expiration Recommended by PIDX	
		067 Current Schedule Delivery	
		068 Current Schedule Ship	
		099 Bid Open (Date Bids Will Be Opened)	
SCH09	373	<b>Date</b> Date (YYMMDD).	C DT 6/6
SCH10	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O TM 4/4

FINAL

**Segment:** **FST** Forecast Schedule  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify the forecasted dates and quantities  
**Syntax:** 1 If FST06 or FST07 are present, then the other is required.  
 2 If either FST08 or FST09 is used, the other is required.  
**Comments:** **A** As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.  
**B** If FST03 - "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval.  
**C** FST06 - To qualify time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock, to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as "AM" or "PM".

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
FST01	380	<b>Quantity</b> Numeric value of quantity.	M	R	1/10
FST02	680	<b>Forecast Qualifier</b> Code specifying the sender's confidence level of the forecast data.	M	ID	1/1
FST03	681	<b>Forecast Timing Qualifier</b> Code specifying interval grouping of the forecast.	M	ID	1/1
FST04	373	<b>Date</b> Date (YYMMDD).	M	DT	6/6
FST05	373	<b>Date</b> Date (YYMMDD).	O	DT	6/6
FST06	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	C	ID	3/3
		<b>007 Effective</b> Recommended by PIDX			
		<b>017 Estimated Delivery</b>			
		<b>036 Expiration</b> Recommended by PIDX			
		<b>067 Current Schedule Delivery</b>			
		<b>068 Current Schedule Ship</b>			
		<b>099 Bid Open (Date Bids Will Be Opened)</b>			

**FST07 337 Time** **C TM 4/4**  
 Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).  
**FST08 128 Reference Number Qualifier** **C ID 2/2**  
 Code qualifying the Reference Number.  
**FST09 127 Reference Number** **C AN 1/30**  
 Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

FINAL

**Segment:** **TD1** Carrier Details (Quantity and Weight)  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the transportation details relative to commodity, weight and quantity.  
**Syntax:** 1 If TD101 is present, then TD102 is required.  
 2 If TD103 is present, then TD104 is required.  
 3 If TD106 is present, then TD107, and TD108 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
TD101	103	<b>Packaging Code</b> Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O ID	5/5
TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity.	C NO	1/7
TD103	23	<b>Commodity Code Qualifier</b> Code identifying the commodity coding system used for Commodity Code.	O ID	1/1
TD104	22	<b>Commodity Code</b> Code describing a commodity or group of commodities.	C ID	1/16
TD105	79	<b>Lading Description</b> Description of an item as required for rating and billing purposes.	O AN	1/50
TD106	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID	1/2
TD107	81	<b>Weight</b> Numeric value of weight.	C R	1/8
TD108	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID	2/2

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information  
**Syntax:** 1 At least one of TD502, TD504, or TD505 must be present.  
 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.

**Comments:** A 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; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement.	O ID	1/2
TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	C ID	1/2
TD503	67	<b>Identification Code</b> Code identifying a party.	C ID	2/17
TD504	91	<b>Transportation Method Code</b> Code specifying the method of transportation for the shipment.	C ID	1/2
TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	C AN	1/35
TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment	O ID	2/2
TD507	309	<b>Location Qualifier</b> Code identifying type of location.	O ID	1/2
TD508	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN	1/25
TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction.	O ID	2/2
TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the transit time.	O ID	2/2
TD511	733	<b>Transit Time</b> The numeric amount of transit time.	C R	1/4

**Segment: TD3** Carrier Details (Equipment)  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier.  
**Syntax:** 1 If TD302 is present, then TD303 is required.  
 2 If TD304 is present, then TD305, and TD306 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD301	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment.	M ID 2/2
TD302	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number.	O AN 1/4
TD303	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	C AN 1/10
TD304	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID 1/2
TD305	81	<b>Weight</b> Numeric value of weight.	C R 1/8
TD306	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
TD307	102	<b>Ownership Code</b> Code indicating the relationship of equipment to carrier.	O ID 1/1

**Segment: TD4** Carrier Details (Special Handling/Hazardous Materials)  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify transportation special handling requirements and hazardous materials information  
**Syntax:** 1 At least one of TD401 or TD404 must be present.  
 2 If TD402 is present, then TD403 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD401	152	<b>Special Handling Code</b> Code specifying special transportation handling instructions.	C ID 2/3
TD402	208	<b>Hazardous Material Code Qualifier</b> Code which qualifies the Hazardous Material Class Code (209).	O ID 1/1
TD403	209	<b>Hazardous Material Class Code</b> Code specifying the kind of hazard for a material.	C ID 2/4
TD404	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** **MAN** Marks and Numbers  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To indicate identifying marks and numbers for shipping containers

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87).	M ID 1/2
MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	M AN 1/45

FINAL

**Segment:** **CTB** Restrictions  
**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify restrictions (such as shipping, ordering)  
**Syntax:** 1 Either CTB02 or CTB04 is required.  
2 If either CTB03 or CTB04 is used, the other is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTB01	688	Restriction Qualifier Code identifying the type of restriction.	M ID 2/2
CTB02	352	Description A free-form description to clarify the related data elements and their content.	C AN 1/80
CTB03	673	Quantity Qualifier Code specifying the type of quantity.	C ID 2/2
CTB04	380	Quantity Numeric value of quantity.	C R 1/10

FINAL

**Segment:** **CST** Cost Analysis  
**Level:** Detail  
**Loop:** PO1/CST **Repeat:** 100  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide detailed cost information  
**Syntax:** 1 If CST04 is present, CST03 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CST01	964	<b>Cost Code</b> Code identifying cost element	M ID 3/3
CST02	782	<b>Monetary Amount</b> Monetary amount.	M R 1/15
CST03	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
CST04	380	<b>Quantity</b> Numeric value of quantity.	O R 1/10

**Segment:** **PID** Product/Item Description  
**Level:** Detail  
**Loop:** PO1/CST  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To describe a product or process in coded or free-form format  
**Syntax:** 1 If PID04 is present, then PID03 is required.  
 2 At least one of PID04 or PID05 must be present.  
**Comments:** A When PID01 is "F", PID04 is not used.  
 B Use PID03 to indicate the organization that publishes the code list being referred to.  
 C PID04 should be used for industry-specific product description codes.  
 D Use PID06 when necessary to refer to the product surface or layer being described in the segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code specifying the product or process characteristic being described.	O ID 2/3
PID03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic.	C ID 1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80
PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described.	O ID 2/2

**Segment:** **CUR** Currency  
**Level:** Detail  
**Loop:** PO1/CST  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax:** 1 If CUR08 is present, then CUR07 is required.  
 2 If CUR09 is present, then CUR07 is required.  
 3 If CUR11 is present, then CUR10 is required.  
 4 If CUR12 is present, then CUR10 is required.  
 5 If CUR14 is present, then CUR13 is required.  
 6 If CUR15 is present, then CUR13 is required.  
 7 If CUR17 is present, then CUR16 is required.  
 8 If CUR18 is present, then CUR16 is required.  
 9 If CUR20 is present, then CUR19 is required.  
 10 If CUR21 is present, then CUR19 is required.

**Comments:** **A** Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver).

CUR\*BY\*CAD\* N/L

Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.

**B** CUR\*BY\*USD\*1.20\*SE\*CAD\*NY\*007\*840821\*1400 N/L  
 1 2 3 4  
 1. Identifies the buyer's (BY) currency as U.S. dollars (USD).  
 2. The multiplier (1.20) is the exchange rate factor for the conversion.  
 3. Identifies the seller's (SE) currency as Canadian dollars (CAD).  
 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CUR01	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	M ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	
		SU Supplier/Manufacturer	
		UC Ultimate Consignee	
		VN Vendor	
CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified.	M ID 3/3
CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.	O R 4/6
CUR04	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	

		<b>SU Supplier/Manufacturer</b>		
		<b>UC Ultimate Consignee</b>		
		<b>VN Vendor</b>		
<b>CUR05</b>	<b>100</b>	<b>Currency Code</b>	<b>O ID 3/3</b>	
		Code (Standard ISO) for country in whose currency the charges are specified.		
<b>CUR06</b>	<b>669</b>	<b>Currency Market/Exchange Code</b>	<b>O ID 3/3</b>	
		Code identifying the market upon which the currency exchange rate is based.		
<b>CUR07</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR08</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR09</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR10</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR11</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR12</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR13</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		

		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR14</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR15</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR16</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR17</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR18</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		
<b>CUR19</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>	
		Code specifying type of date or time, or both date and time.		
		<b>007 Effective</b>		
		Recommended by PIDX		
		<b>017 Estimated Delivery</b>		
		<b>036 Expiration</b>		
		Recommended by PIDX		
		<b>067 Current Schedule Delivery</b>		
		<b>068 Current Schedule Ship</b>		
		<b>099 Bid Open (Date Bids Will Be Opened)</b>		
<b>CUR20</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>	
		Date (YYMMDD).		
<b>CUR21</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/4</b>	
		Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).		

**Segment:** **DTM** Date/Time Reference  
**Level:** Detail  
**Loop:** PO1/CST  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify pertinent dates and times  
**Syntax:** 1 At least one of DTM02 or DTM03 must be present.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	M ID 3/3
	007	<b>Effective</b> Recommended by PIDX	
	017	<b>Estimated Delivery</b>	
	036	<b>Expiration</b> Recommended by PIDX	
	067	<b>Current Schedule Delivery</b>	
	068	<b>Current Schedule Ship</b>	
	099	<b>Bid Open (Date Bids Will Be Opened)</b>	
DTM02	373	<b>Date</b> Date (YYMMDD).	C DT 6/6
DTM03	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	C TM 4/4
DTM04	623	<b>Time Code</b> Code identifying the time.	O ID 2/2

**Segment:** **SLN** Subline Item Detail  
**Level:** Detail  
**Loop:** PO1/SLN **Repeat:** 1000  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify product subline detail item data  
**Syntax:** 1 If SLN06 is present, then SLN08 is required.  
2 If SLN07 is present, then SLN06 is required.  
3 If SLN09 is present, then SLN10 is required.  
4 If SLN11 is present, then SLN12 is required.  
5 If SLN13 is present, then SLN14 is required.  
6 If SLN15 is present, then SLN16 is required.  
7 If SLN17 is present, then SLN18 is required.  
8 If SLN19 is present, then SLN20 is required.  
9 If SLN21 is present, then SLN22 is required.  
10 If SLN23 is present, then SLN24 is required.  
11 If SLN25 is present, then SLN26 is required.  
12 If SLN27 is present, then SLN28 is required.

**Comments:** A See the Data Dictionary for a complete list of ID's.  
B SLN01 is the identifying number for the subline item. It is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.  
C SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.  
D SLN03 through SLN28 provide for eleven (11) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SLN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set.	M AN 1/6
SLN02	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set.	O AN 1/6
SLN03	661	<b>Configuration Code</b> Code indicating the relationship of the subline item to the baseline item.	M ID 1/1
SLN04	380	<b>Quantity</b> Numeric value of quantity.	M R 1/10
SLN05	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	M ID 2/2
SLN06	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C R 1/14

SLN07	639	<b> Basis of Unit Price Code</b> Code identifying the type of unit price for an item.	O ID 2/2
SLN08	662	<b> Subline Price Change Code ID</b> Code indicating the relationship of the subline item unit price to the baseline item unit price.	C ID 1/1
SLN09	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN10	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN11	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN12	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN13	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN14	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN15	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN16	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN17	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN18	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN19	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN20	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN21	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN22	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN23	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN24	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN25	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN26	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30
SLN27	235	<b> Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN28	234	<b> Product/Service ID</b> Identifying number for a product or service.	C AN 1/30

**Segment:** PID Product/Item Description  
**Level:** Detail  
**Loop:** PO1/SLN  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To describe a product or process in coded or free-form format  
**Syntax:** 1 If PID04 is present, then PID03 is required.  
 2 At least one of PID04 or PID05 must be present.  
**Comments:** A When PID01 is "F", PID04 is not used.  
 B Use PID03 to indicate the organization that publishes the code list being referred to.  
 C PID04 should be used for industry-specific product description codes.  
 D Use PID06 when necessary to refer to the product surface or layer being described in the segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code specifying the product or process characteristic being described.	O ID 2/3
PID03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic.	C ID 1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80
PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described.	O ID 2/2

**Segment:** **CST** Cost Analysis  
**Level:** Detail  
**Loop:** PO1/SLN/CST **Repeat:** 100  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide detailed cost information  
**Syntax:** 1 If CST04 is present, CST03 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CST01	964	<b>Cost Code</b> Code identifying cost element	M ID 3/3
CST02	782	<b>Monetary Amount</b> Monetary amount.	M R 1/15
CST03	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
CST04	380	<b>Quantity</b> Numeric value of quantity.	O R 1/10

FINAL

**Segment:** **PID** Product/Item Description  
**Level:** Detail  
**Loop:** PO1/SLN/CST  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To describe a product or process in coded or free-form format  
**Syntax:** 1 If PID04 is present, then PID03 is required.  
2 At least one of PID04 or PID05 must be present.  
**Comments:** A When PID01 is "F", PID04 is not used.  
B Use PID03 to indicate the organization that publishes the code list being referred to.  
C PID04 should be used for industry-specific product description codes.  
D Use PID06 when necessary to refer to the product surface or layer being described in the segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code specifying the product or process characteristic being described.	O ID 2/3
PID03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic.	C ID 1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80
PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described.	O ID 2/2

**Segment:** **CUR** Currency  
**Level:** Detail  
**Loop:** PO1/SLN/CST  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax:** 1 If CUR08 is present, then CUR07 is required.  
 2 If CUR09 is present, then CUR07 is required.  
 3 If CUR11 is present, then CUR10 is required.  
 4 If CUR12 is present, then CUR10 is required.  
 5 If CUR14 is present, then CUR13 is required.  
 6 If CUR15 is present, then CUR13 is required.  
 7 If CUR17 is present, then CUR16 is required.  
 8 If CUR18 is present, then CUR16 is required.  
 9 If CUR20 is present, then CUR19 is required.  
 10 If CUR21 is present, then CUR19 is required.

**Comments:** A Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver).

CUR\*BY\*CAD\* N/L

Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.

**B** CUR\*BY\*USD\*1.20\*SE\*CAD\*NY\*007\*840821\*1400 N/L  
 1 2 3 4  
 1. Identifies the buyer's (BY) currency as U.S. dollars (USD).  
 2. The multiplier (1.20) is the exchange rate factor for the conversion.  
 3. Identifies the seller's (SE) currency as Canadian dollars (CAD).  
 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

**Notes:** Not Recommended by PIDX

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CUR01	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	M ID 2/2
CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified.	M ID 3/3
CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.	O R 4/6
CUR04	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2
CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified.	O ID 3/3
CUR06	669	Currency Market/Exchange Code Code identifying the market upon which the currency exchange rate is based.	O ID 3/3
CUR07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	C ID 3/3
CUR08	373	Date Date (YYMMDD).	O DT 6/6
CUR09	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O TM 4/4
CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	C ID 3/3
CUR11	373	Date Date (YYMMDD).	O DT 6/6
CUR12	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O TM 4/4
CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	C ID 3/3
CUR14	373	Date Date (YYMMDD).	O DT 6/6

<b>CUR15</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	<b>O TM</b>	<b>4/4</b>
<b>CUR16</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	<b>C ID</b>	<b>3/3</b>
<b>CUR17</b>	<b>373</b>	<b>Date</b> Date (YYMMDD).	<b>O DT</b>	<b>6/6</b>
<b>CUR18</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	<b>O TM</b>	<b>4/4</b>
<b>CUR19</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	<b>C ID</b>	<b>3/3</b>
<b>CUR20</b>	<b>373</b>	<b>Date</b> Date (YYMMDD).	<b>O DT</b>	<b>6/6</b>
<b>CUR21</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	<b>O TM</b>	<b>4/4</b>

**Segment:** **DTM** Date/Time Reference  
**Level:** Detail  
**Loop:** PO1/SLN/CST  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify pertinent dates and times  
**Syntax:** 1 At least one of DTM02 or DTM03 must be present.  
**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	<b>M ID 3/3</b>
<b>DTM02</b>	<b>373</b>	<b>Date</b> Date (YYMMDD).	<b>C DT 6/6</b>
<b>DTM03</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	<b>C TM 4/4</b>
<b>DTM04</b>	<b>623</b>	<b>Time Code</b> Code identifying the time.	<b>O ID 2/2</b>

**Segment:** **N9** Reference Number

**Level:** Detail

**Loop:** PO1/N9 **Repeat:** 1000

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier

**Syntax:** 1 At least one of N902 or N903 must be present.

**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N901	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number.	M ID 2/2
N902	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30
N903	369	<b>Free-form Description</b> Free-form descriptive text.	C AN 1/45
N904	373	<b>Date</b> Date (YYMMDD).	O DT 6/6
N905	337	<b>Time</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O TM 4/4

**Segment:** **MSG** Message Text

**Level:** Detail

**Loop:** PO1/N9

**Usage:** Optional

**Max Use:** 1000

**Purpose:** To provide a free form format that would allow the transmission of text information.

**Comments:** A MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Notes:** **Not Recommended by PIDX**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MSG01	933	<b>Free-Form Message Text</b> Free-form message text.	M AN 1/264
MSG02	934	<b>Printer Carriage Control Code</b> A field to be used for the control of the line feed of the receiving printer.	O ID 2/2

**Segment:** **N1** Name  
**Level:** Detail  
**Loop:** PO1/N1 **Repeat:** 200  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name and code  
**Syntax:** 1 At least one of N102 or N103 must be present.  
 2 If either N103 or N104 is present, then the other is required.  
**Comments:** **A** 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.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity or a physical location.	M ID 2/2
		BY Buying Party (Purchaser)	
		CS Consolidator	
		DB Distributor Branch	
		FW Forwarder	
		SE Selling Party	
		ST Ship To	
		SU Supplier/Manufacturer	
		UC Ultimate Consignee	
		VN Vendor	
N102	93	<b>Name</b> Free-form name.	C AN 1/35
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2
N104	67	<b>Identification Code</b> Code identifying a party.	C ID 2/17

**Segment:** **N2** Additional Name Information  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N201	93	<b>Name</b> Free-form name.	M AN 1/35
N202	93	<b>Name</b> Free-form name.	O AN 1/35

FINAL

**Segment:** N3 Address Information  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N301	166	Address Information Address information	M AN 1/35
N302	166	Address Information Address information	O AN 1/35

FINAL

**Segment:** N4 Geographic Location  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax:** 1 At least one of N401 or N405 must be present.  
 2 If N401 is present, then N402 is required.  
 3 If either N405 or N406 is present, then the other is required.  
**Comments:** A A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.  
 B N402 is required only if city name (N401) is in the USA or Canada.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N401	19	City Name Free-form text for city name.	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) defined by appropriate governmental agencies.	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O ID 5/9
N404	26	Country Code Code identifying the country.	O ID 2/2
N405	309	Location Qualifier Code identifying type of location.	O ID 1/2
N406	310	Location Identifier Code which identifies a specific location.	C AN 1/25

**Segment:** REF Reference Numbers  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		BD Bid Number	
		PR Price Quote Number Recommended by PIDX	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80

**Segment:** PER Administrative Communications Contact  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax:** 1 If PER03 is present, then PER04 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named.	M ID 2/2
		SR Sales Representative or Department Recommended by PIDX	
		TR Technical Marketing Representative	
PER02	93	Name Free-form name.	O AN 1/35
PER03	365	Communication Number Qualifier Code identifying the type of communication number.	O ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable.	C AN 7/21

**Segment: FOB** F.O.B. Related Instructions  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax:** 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.  
**Comments:** A FOB01 indicates which party will pay the carrier.  
 B FOB02 is the code specifying transportation responsibility location.  
 C FOB06 is the code specifying title passage location.  
 D 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.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges.	M ID 2/2
FOB02	309	<b>Location Qualifier</b> Code identifying type of location.	C ID 1/2
FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms.	O ID 2/2
FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility.	C ID 3/3
FOB06	309	<b>Location Qualifier</b> Code identifying type of location.	C ID 1/2
FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB08	54	<b>Risk of Loss Qualifier</b> Code specifying where responsibility for risk of loss passes.	O ID 2/2
FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment: TD1** Carrier Details (Quantity and Weight)  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the transportation details relative to commodity, weight and quantity.  
**Syntax:** 1 If TD101 is present, then TD102 is required.  
 2 If TD103 is present, then TD104 is required.  
 3 If TD106 is present, then TD107, and TD108 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD101	103	<b>Packaging Code</b> Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O ID 5/5
TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity.	C NO 1/7
TD103	23	<b>Commodity Code Qualifier</b> Code identifying the commodity coding system used for Commodity Code.	O ID 1/1
TD104	22	<b>Commodity Code</b> Code describing a commodity or group of commodities.	C ID 1/16
TD105	79	<b>Lading Description</b> Description of an item as required for rating and billing purposes.	O AN 1/50
TD106	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID 1/2
TD107	81	<b>Weight</b> Numeric value of weight.	C R 1/8
TD108	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2

**Segment: TD5** Carrier Details (Routing Sequence/Transit Time)  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier, sequence of routing and to provide transit time information  
**Syntax:** 1 At least one of TD502, TD504, or TD505 must be present.  
 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.  
**Comments:** A 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; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement.	O ID 1/2
TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2
TD503	67	<b>Identification Code</b> Code identifying a party.	C ID 2/17
TD504	91	<b>Transportation Method Code</b> Code specifying the method of transportation for the shipment.	C ID 1/2
TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	C AN 1/35
TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment	O ID 2/2
TD507	309	<b>Location Qualifier</b> Code identifying type of location.	O ID 1/2
TD508	310	<b>Location Identifier</b> Code which identifies a specific location.	C AN 1/25
TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction.	O ID 2/2
TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the transit time.	O ID 2/2
TD511	733	<b>Transit Time</b> The numeric amount of transit time.	C R 1/4

**Segment: TD3** Carrier Details (Equipment)  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier.  
**Syntax:** 1 If TD302 is present, then TD303 is required.  
 2 If TD304 is present, then TD305, and TD306 are required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD301	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment.	M ID 2/2
TD302	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number.	O AN 1/4
TD303	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	C AN 1/10
TD304	187	<b>Weight Qualifier</b> Code defining the type of weight.	O ID 1/2
TD305	81	<b>Weight</b> Numeric value of weight.	C R 1/8
TD306	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement.	C ID 2/2
TD307	102	<b>Ownership Code</b> Code indicating the relationship of equipment to carrier.	O ID 1/1

**Segment:** **TD4** Carrier Details (Special Handling/Hazardous Materials)  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify transportation special handling requirements and hazardous materials information  
**Syntax:** 1 At least one of TD401 or TD404 must be present.  
 2 If TD402 is present, then TD403 is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD401	152	<b>Special Handling Code</b> Code specifying special transportation handling instructions.	C ID 2/3
TD402	208	<b>Hazardous Material Code Qualifier</b> Code which qualifies the Hazardous Material Class Code (209).	O ID 1/1
TD403	209	<b>Hazardous Material Class Code</b> Code specifying the kind of hazard for a material.	C ID 2/4
TD404	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** **PKG** Marking, Packaging, Loading  
**Level:** Detail  
**Loop:** PO1/N1  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To describe marking, packaging, loading and unloading requirements.  
**Syntax:** 1 If PKG04 is present, then PKG03 is required.  
 2 At least one of PKG04 or PKG05 must be present.  
**Comments:** A Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.  
 B When PKG01 is "F", PKG04 is not used.  
 C Use PKG03 to indicate the organization that publishes the code list being referred to.  
 D PKG04 should be used for industry-specific packaging description codes.  
 E Special marking or tagging data can be given in PKG05 (Description).

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description.	M ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described.	O ID 1/5
PKG03	348	<b>Item Description Qualifier</b> Code identifying agency responsible for the code used.	C ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.	C ID 1/7
PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80

**Segment:** **CTT** Transaction Totals  
**Level:** Summary  
**Loop:** \_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax:** 1 If CTT03 is present, then CTT04 is required.  
 2 If CTT05 is present, then CTT06 is required.  
**Comments:** A This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set.	M NO 1/6
CTT02	347	<b>Hash Total</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the leftmost digits if the sum is greater than the maximum size of the hash total of the data element.  Example:  -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
CTT03	81	<b>Weight</b> Numeric value of weight. <b>Not Used by PIDX</b>	O R 1/8
CTT04	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement. <b>Not Used by PIDX</b>	C ID 2/2
CTT05	183	<b>Volume</b> Value of volumetric measure. <b>Not Used by PIDX</b>	O R 1/8
CTT06	355	<b>Unit of Measurement Code</b> Code identifying the basic unit of measurement. <b>Not Used by PIDX</b>	C ID 2/2
CTT07	352	<b>Description</b> A free-form description to clarify the related data elements and their content. <b>Not Used by PIDX</b>	O AN 1/80

**Segment:** **SE** Transaction Set Trailer  
**Level:** Summary  
**Loop:** \_\_\_\_  
**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).  
**Comments:** A SE is the last segment of each transaction set.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments.	M NO 1/6
SE02	329	<b>Transaction Set Control Number</b> Identifying control number assigned by the originator for a transaction set.	M AN 4/9