

# 810 Invoice

**Functional Group ID: IN**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

This PMMUG Implementation Guide of the Invoice (810) is for the general procurement invoice used for materials and services.

## Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
4	010	ST	Transaction Set Header	M	1	
5	020	BIG	Beginning Segment for Invoice	M	1	
N/U	030	NTE	Note/Special Instruction	F	100	
6	040	CUR	Currency	O	1	
9	050	REF	Reference Numbers	O	12	
N/U	060	PER	Administrative Communications Contact	O	3	
<b>LOOP ID - N1</b>						<b>200</b>
11	070	N1	Name	O	1	
13	080	N2	Additional Name Information	O	2	
14	090	N3	Address Information	O	2	
15	100	N4	Geographic Location	O	1	
N/U	110	REF	Reference Numbers	O	12	
17	120	PER	Administrative Communications Contact	O	3	
19	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
21	140	DTM	Date/Time Reference	O	10	
22	150	FOB	F.O.B. Related Instructions	O	1	
25	160	PID	Product/Item Description	O	200	
N/U	170	MEA	Measurements	O	40	
27	180	PWK	Paperwork	O	25	
N/U	190	PKG	Marking, Packaging, Loading	O	25	
N/U	200	L7	Tariff Reference	O	1	
N/U	210	AT	Financial Accounting	O	3	
<b>LOOP ID - LM</b>						<b>10</b>
N/U	220	LM	Code Source Information	O	1	
N/U	230	LQ	Industry Code	M	100	
<b>LOOP ID - N9</b>						<b>1</b>
N/U	240	N9	Reference Number	O	1	
N/U	250	MSG	Message Text	M	10	

## Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
<b>LOOP ID - IT1</b>						<b>200000</b>
29	010	IT1	Baseline Item Data (Invoice)	O	1	
N/U	015	QTY	Quantity	O	5	
N/U	020	CUR	Currency	O	1	
38	030	IT3	Additional Item Data	O	5	
45	040	TXI	Tax Information	O	10	
47	050	CTP	Pricing Information	O	25	
N/U	059	MEA	Measurements	O	40	
<b>LOOP ID - IT1/PID</b>						<b>1000</b>
49	060	PID	Product/Item Description	O	1	
N/U	070	MEA	Measurements	O	10	
51	080	PWK	Paperwork	O	25	
N/U	090	PKG	Marking, Packaging, Loading	O	25	
N/U	100	PO4	Item Physical Details	O	1	
N/U	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
53	120	REF	Reference Numbers	O	>1	
N/U	130	PER	Administrative Communications Contact	O	5	
N/U	140	SDQ	Destination Quantity	O	500	
55	150	DTM	Date/Time Reference	O	10	
N/U	160	CAD	Carrier Detail	O	>1	
N/U	170	L7	Tariff Reference	O	>1	
<b>LOOP ID - IT1/ITA</b>						<b>10</b>
56	180	ITA	Allowance, Charge or Service	O	1	
N/U	190	TXI	Tax Information	O	10	
<b>LOOP ID - IT1/SLN</b>						<b>1000</b>
59	200	SLN	Subline Item Detail	O	1	
N/U	210	REF	Reference Numbers	O	>1	
63	220	PID	Product/Item Description	O	1000	
N/U	230	ITA	Allowance, Charge or Service	O	10	
N/U	235	TC2	Commodity	O	2	
<b>LOOP ID - IT1/N1</b>						<b>200</b>
N/U	240	N1	Name	O	1	
N/U	250	N2	Additional Name Information	O	2	
N/U	260	N3	Address Information	O	2	
N/U	270	N4	Geographic Location	O	1	
N/U	280	REF	Reference Numbers	O	12	
N/U	290	PER	Administrative Communications Contact	O	3	
<b>LOOP ID - IT1/LM</b>						<b>10</b>
N/U	300	LM	Code Source Information	O	1	
N/U	310	LQ	Industry Code	M	100	

## Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
65	010	TDS	Total Monetary Value Summary	M	1	
66	020	TXI	Tax Information	O	10	
68	030	CAD	Carrier Detail	O	1	
<b>LOOP ID - ITA</b>						<b>10</b>
70	040	ITA	Allowance, Charge or Service	O	1	
N/U	050	TXI	Tax Information	O	10	
N/U	060	ISS	Invoice Shipment Summary	O	5	
73	070	CTT	Transaction Totals	M	1	
75	080	SE	Transaction Set Trailer	M	1	

**Segment:** **ST** Transaction Set Header

**Level:** Header

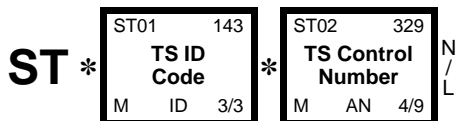
**Loop:** \_\_\_\_\_

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the start of a transaction set and to assign a control number

**Semantic:** 1. The transaction set identifier (ST01) used 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
Required	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set.	M ID 3/3
			CODE	DEFINITION
			810	X12.2 Invoice
Required	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**Segment:** **BIG** Beginning Segment for Invoice

**Level:** Header

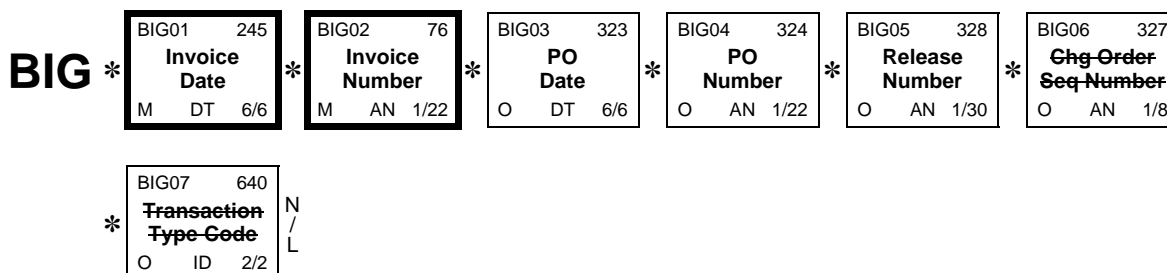
**Loop:** \_\_\_\_\_

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of an invoice transaction set and to transmit identifying numbers and dates.

**Comments:** A BIG07 is used only to further define the type of invoice when needed.



### Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	BIG01	245	<b>Invoice Date</b> Invoice Issue Date.	M DT 6/6
Required	BIG02	76	<b>Invoice Number</b> Identifying number assigned by issuer. <b>Seller's assigned number</b>	M AN 1/22
	BIG03	323	<b>Purchase Order Date</b> Date assigned by the purchaser to Purchase Order. <b>The same date that appears on the paper purchase order.</b>	O DT 6/6
	BIG04	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser. <b>Buyer's assigned number - may also be a "blanket release"/contract purchase order number.</b>	O AN 1/22
	BIG05	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction. <b>The number identifying a release against a previously placed purchase order or blanket order.</b>	O AN 1/30
Not Used	BIG06	327	<b>Change Order Sequence Number</b> Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set.	O AN 1/8
Not Used	BIG07	640	<b>Transaction Type Code</b> Code specifying the type of transaction.	O ID 2/2

**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 C0807**  
If CUR08 is present, then CUR07 is required.
  - 2 C0907**  
If CUR09 is present, then CUR07 is required.
  - 3 C1110**  
If CUR11 is present, then CUR10 is required.
  - 4 C1210**  
If CUR12 is present, then CUR10 is required.
  - 5 C1413**  
If CUR14 is present, then CUR13 is required.
  - 6 C1513**  
If CUR15 is present, then CUR13 is required.
  - 7 C1716**  
If CUR17 is present, then CUR16 is required.
  - 8 C1816**  
If CUR18 is present, then CUR16 is required.
  - 9 C2019**  
If CUR20 is present, then CUR19 is required.
  - 10 C2119**  
If CUR21 is present, then CUR19 is required.

**Notes:** Use the CUR segment ONLY if pricing is not in United States currency.

<b>CUR</b> *	CUR01 98 Entity ID Code M ID 2/2	* CUR02 100 Currency Code M ID 3/3	* CUR03 280 Exchange Rate O R 4/6	* CUR04 98 Entity ID Code O ID 2/2	* CUR05 100 Currency Code O ID 3/3	* CUR06 669 Curr Market /Exchg Code O ID 3/3
	* CUR07 374 Date/Time Qualifier C ID 3/3	* CUR08 373 Date O DT 6/6	* CUR09 337 Time O TM 4/6	* CUR10 374 Date/Time Qualifier C ID 3/3	* CUR11 373 Date O DT 6/6	* CUR12 337 Time O TM 4/6
	* CUR13 374 Date/Time Qualifier C ID 3/3	* CUR14 373 Date O DT 6/6	* CUR15 337 Time O TM 4/6	* CUR16 374 Date/Time Qualifier C ID 3/3	* CUR17 373 Date O DT 6/6	* CUR18 337 Time O TM 4/6
	* CUR19 374 Date/Time Qualifier C ID 3/3	* CUR20 373 Date O DT 6/6	* CUR21 337 Time O TM 4/6	N / L		

### Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
	<b>CUR01</b>	<b>98</b>	<b>Entity Identifier Code</b> <b>M ID 2/2</b> Code identifying an organizational entity, a physical location, or an individual
		<b>CODE</b>	<b>DEFINITION</b>
		<b>BY</b>	<b>Buying Party (Purchaser)</b>
		<b>SE</b>	<b>Selling Party</b>
	<b>CUR02</b>	<b>100</b>	<b>Currency Code</b> <b>M ID 3/3</b> Code (Standard ISO) for country in whose currency the charges are specified.
			<b>Refer to Appendix A for applicable code values.</b>
	<b>CUR03</b>	<b>280</b>	<b>Exchange Rate</b> <b>O R 4/6</b> Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.
<b>Not Used</b>	<b>CUR04</b>	<b>98</b>	<b>Entity Identifier Code</b> <b>O ID 2/2</b> Code identifying an organizational entity, a physical location, or an individual
<b>Not Used</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>Not Used</b>	<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>Not Used</b>	<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>Not Used</b>	<b>CUR08</b>	<b>373</b>	<b>Date</b> <b>O DT 6/6</b> Date (YYMMDD).
<b>Not Used</b>	<b>CUR09</b>	<b>337</b>	<b>Time</b> <b>O TM 4/6</b> Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)
<b>Not Used</b>	<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.

Not Used	CUR11	373	<b>Date</b> Date (YYMMDD).	O	DT	6/6
Not Used	CUR12	337	<b>Time</b> Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O	TM	4/6
Not Used	CUR13	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	C	ID	3/3
Not Used	CUR14	373	<b>Date</b> Date (YYMMDD).	O	DT	6/6
Not Used	CUR15	337	<b>Time</b> Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O	TM	4/6
Not Used	CUR16	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	C	ID	3/3
Not Used	CUR17	373	<b>Date</b> Date (YYMMDD).	O	DT	6/6
Not Used	CUR18	337	<b>Time</b> Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O	TM	4/6
Not Used	CUR19	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time.	C	ID	3/3
Not Used	CUR20	373	<b>Date</b> Date (YYMMDD).	O	DT	6/6
Not Used	CUR21	337	<b>Time</b> Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O	TM	4/6

**Segment:** REF Reference Numbers

**Level:** Header

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

**Usage:** Optional

**Max Use:** 12

**Purpose:** To specify identifying numbers.

**Syntax:** 1 R0203

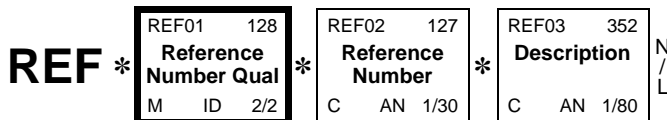
At least one of REF02 or REF03 is required.

**Notes:** Required by PIDX

If a purchase order\release number is not issued by a trading partner, then at least one of the following code values must be used: AE, CR, JB, WN, OR LU.

The information relayed in this REF segment applies to the entire transaction. If this information differs for a particular line item, use the REF segment at the detail level.

PMMUG recommends using a maximum of three (3) qualifiers or less per transaction set.



**Data Element Summary**

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			CODE	DEFINITION
			19	Division Identifier Canada Only
			AE	Authorization for Expense (AFE) Number
			CR	Customer Reference Number Use this code value to represent the Customer Accounting Reference Number.
			DJ	Delivery Ticket Number
			IT	Internal Customer Number
			JB	Job (Project) Number Use this code value to denote the Job/Work Order Number.
			LU	Location Number Use this code value to represent either the well or field identification number.

<b>OI</b>	<b>Original Invoice Number</b> The original invoice number should be noted in the REF02 if a credit memo is sent with a unique invoice number.
<b>PA</b>	<b>Price Area Number</b>
<b>WN</b>	<b>Well Number</b> Use this code value to represent either the well or field name.

<b>REF02</b>	<b>127</b>	<b>Reference Number</b>	<b>C AN 1/30</b>
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>C AN 1/80</b>
		A free-form description to clarify the related data elements and their content.	

**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 R0203

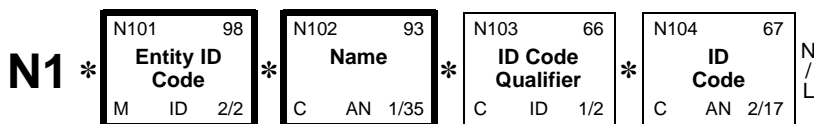
At least one of N102 or N103 is required.

2 P0304

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:** RE, BT, ST, SE, and BS are acceptable qualifiers. If the BS qualifier is used, the BT and ST should not be used. If SE is different from RE, SE recommended to be sent. If the invoice does not reference a purchase order in the BIG segment, BT or BS is required.



### Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		CODE	DEFINITION
		BS	Bill and Ship To If BS is used, BT and ST should not be used.
		BT	Party to be Billed For Other Than Freight(Bill To) Use this code value to represent the Bill To party.
		RE	Party to receive commercial invoice remittance Use this code value to represent Remit To party.
		SE	Selling Party
		SF	Ship From Point of Shipment should be included in this N1 Loop NOT the FOB.
		ST	Ship To
Required	N102	93 Name	C AN 1/35
		Free-form name.	

**N103      66      Identification Code Qualifier      C    ID    1/2**  
Code designating the system/method of code structure used for Identification Code (67).

CODE	DEFINITION
<b>1</b>	<b>D-U-N-S Number, Dun &amp; Bradstreet</b>
<b>9</b>	<b>D-U-N-S+4, D-U-N-S Number with Four Character Suffix</b> DUNS+4 is the API Recommended Practice
<b>91</b>	<b>Assigned by Seller or Seller's Agent</b>
<b>92</b>	<b>Assigned by Buyer or Buyer's Agent</b>

**N104      67      Identification Code      C    AN    2/17**  
Code identifying a party or other code.

**Segment:** N2 Additional Name Information

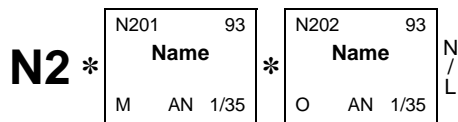
**Level:** Header

**Loop:** N1

**Usage:** Optional

**Max Use:** 2

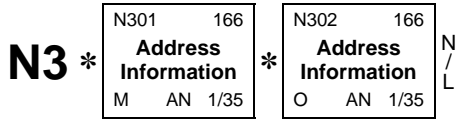
**Purpose:** To specify additional names or those longer than 35 characters in length



**Data Element Summary**

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

**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	<b>Address Information</b> Address information	M	AN	1/35
N302	166	<b>Address Information</b> Address information	O	AN	1/35

**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 R0105**

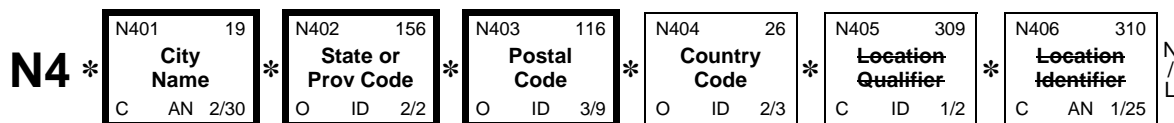
At least one of N401 or N405 is required.

**2 P0506**

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
Required	N401	19	<b>City Name</b> Free-form text for city name.	C AN 2/30
Required	N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency.	O ID 2/2
<b>Refer to API Bulletin D12A</b>				
<b>Also, refer to Code Source 22 in the Appendix of this publication for applicable code values.</b>				
Required	N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O ID 3/9
<b>Refer to Code Source 51 in the Appendix of this publication for applicable code values relevant to the United States.</b>				
<b>For Canadian Postal Codes:</b>				
<b>National Philatelic Centre</b> <b>75 ST NINIAN ST Suite 100</b> <b>ANTIGONISH NS B2G 2R8</b> <b>Canada</b>  <b>E-mail -- service@mailposte.ca</b>				

	<b>N404</b>	<b>26</b>	<b>Country Code</b> Code identifying the country.	<b>O</b>	<b>ID</b>	<b>2/3</b>
			<b>Refer to API Bulletin D12A</b>			
			<b>Also, refer to Code Source 5 in the Appendix of this publication for applicable code values.</b>			
			<b>If N404 is used, then the use of N401 - N403 is required.</b>			
<b>Not Used</b>	<b>N405</b>	<b>309</b>	<b>Location Qualifier</b> Code identifying type of location.	<b>C</b>	<b>ID</b>	<b>1/2</b>
<b>Not Used</b>	<b>N406</b>	<b>310</b>	<b>Location Identifier</b> Code which identifies a specific location.	<b>C</b>	<b>AN</b>	<b>1/25</b>

**Segment:** PER Administrative Communications Contact

**Level:** Header

**Loop:** N1

**Usage:** Optional

**Max Use:** 3

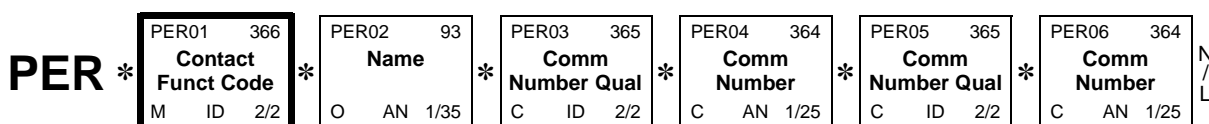
**Purpose:** To identify a person or office to whom administrative communications should be directed

**Syntax:** 1 P0304

If either PER03 or PER04 is present, then the other is required.

2 P0506

If either PER05 or PER06 is present, then the other is required.



**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	PER01	366	<b>Contact Function Code</b> M ID 2/2 Code identifying the major duty or responsibility of the person or group named.
		CODE	DEFINITION
		AN	Attention-to Party
		OC	Order Contact OC is identified as the person who initiated the order.
		SR	Sales Representative or Department
	PER02	93	<b>Name</b> O AN 1/35 Free-form name.
	PER03	365	<b>Communication Number Qualifier</b> C ID 2/2 Code identifying the type of communication number.
		CODE	DEFINITION
		ED	Electronic Data Interchange Access Number Code value ED is used to designate an internal route code or the identification number established for employee identification code.
		EM	Electronic Mail
		FX	Facsimile
		TE	Telephone
	PER04	364	<b>Communication Number</b> C AN 1/25 Complete communications number including country or area code when applicable. <b>When the code value ED is used, the communication number will designate a route code/ID number.</b>

<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number.	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>See PER03 for applicable code values.</b>					
<b>PER06</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable.	<b>C</b>	<b>AN</b>	<b>1/25</b>

**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 L03040513**

If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 are required.

**2 L08040513**

If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 are required.

**3 L091011**

If ITD09 is present, then at least one of ITD10 or ITD11 are required.

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

**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.

**Notes:** The term "Discount" refers to a payment discount, not a pricing discount.

If no ITD segment is sent, terms should default to the terms established between trading partners.

<b>ITD</b> *	ITD01 336 <b>Terms Type Code</b> O ID 2/2	* ITD02 333 <b>Terms Basis Date Code</b> O ID 1/2	* ITD03 338 <b>Terms Disc Percent</b> O R 1/6	* ITD04 370 <b>Terms Disc Due Date</b> C DT 6/6	* ITD05 351 <b>Terms Disc Days Due</b> C NO 1/3	* ITD06 446 <b>Terms Net Due Date</b> O DT 6/6
	* ITD07 386 <b>Terms Net Days</b> O NO 1/3	* ITD08 362 <b>Terms Disc Amount</b> O N2 1/10	* ITD09 388 <b>Terms Defer Due Date</b> O DT 6/6	* ITD10 389 <b>Deferred Amount Due</b> C N2 1/10	* ITD11 342 <b>Percent of Inv Payable</b> C R 1/5	* ITD12 352 <b>Description</b> O AN 1/80
	* ITD13 765 <b>Day of Month</b> C NO 1/2	* ITD14 107 <b>Payment Method Code</b> O ID 1/1	* ITD15 954 <b>Percent</b> O R 1/10	N / L		

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms.	O ID 2/2
		<b>CODE</b>	<b>DEFINITION</b>
		01	Basic
		08	Basic Discount Offered
		14	Previously agreed upon

	CODE	DEFINITION			
	ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period.	O	ID 1/2
			<b>3 Invoice Date</b>		
			<b>5 Invoice Receipt Date</b>		
			<b>8 Invoice Transmission Date</b>		
	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
			<b>If ITD03 is sent, ITD04 and ITD05 are required. ITD03 must be greater than zero (0).</b>		
	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
Not Used	ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due.	O	DT 6/6
Not Used	ITD10	389	<b>Deferred Amount Due</b> Deferred amount due for payment.	C	N2 1/10
Not Used	ITD11	342	<b>Percent of Invoice Payable</b> Amount of invoice payable expressed in percent.	C	R 1/5
Not Used	ITD12	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O	AN 1/80
Not Used	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
Not Used	ITD14	107	<b>Payment Method Code</b> Code identifying type of payment procedures.	O	ID 1/1
Not Used	ITD15	954	<b>Percent</b> Percentage expressed as a decimal	O	R 1/10

**Segment:** **DTM** Date/Time Reference

**Level:** Header

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

**Usage:** Optional

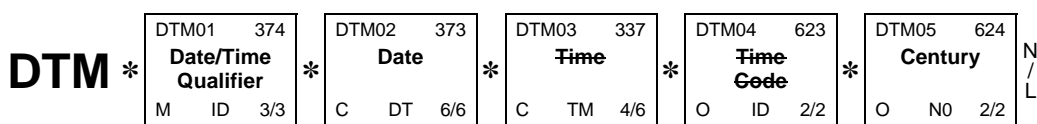
**Max Use:** 10

**Purpose:** To specify pertinent dates and times

**Syntax:** 1 R0203

At least one of DTM02 or DTM03 is required.

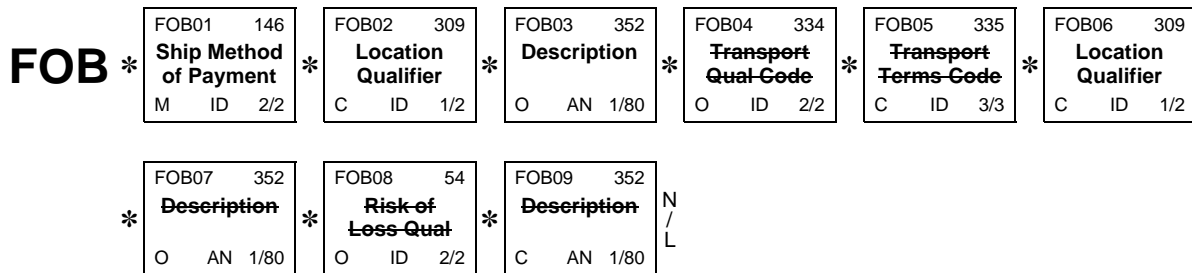
**Notes:** The DTM segment is not commonly used at both the header level and detail level. Best practices suggests that the DTM be used at either the header level or detail level, NOT BOTH.



**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.	<b>M ID 3/3</b>
		<b>CODE</b> <b>DEFINITION</b>	
		<b>011</b> <b>Shipped</b>	
		<b>150</b> <b>Service Period Start</b>	
		<b>151</b> <b>Service Period End</b>	
		<b>214</b> <b>Date of Repair/Service</b>	
	DTM02	<b>Date</b> Date (YYMMDD).	<b>C DT 6/6</b>
Not Used	DTM03	<b>Time</b> Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	<b>C TM 4/6</b>
Not Used	DTM04	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.	<b>O ID 2/2</b>
	DTM05	<b>Century</b> The first two characters in the designation of the year (CCYY).	<b>O NO 2/2</b>

**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 C0302**  
 If FOB03 is present, then FOB02 is required.  
**2 C0405**  
 If FOB04 is present, then FOB05 is required.  
**3 C0706**  
 If FOB07 is present, then FOB06 is required.  
**4 C0809**  
 If FOB08 is present, then FOB09 is required.  
**Semantic:** 1. FOB01 indicates which party will pay the carrier.  
 2. FOB02 is the code specifying transportation responsibility location.  
 3. FOB06 is the code specifying the title passage location.  
 4. FOB08 is the code specifying the point at which the risk of loss transfers.  
 This may be different than the location specified in FOB02/FOB03 and  
 FOB06/FOB07.



**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
		<b>CODE</b>	<b>DEFINITION</b>
		CC	Collect
		CF	Collect, Freight Credited Back to Customer
		DE	Per Contract
		DF	Defined by Buyer and Seller
		FO	FOB Port of Call
		NC	Service Freight, No Charge

<b>PB</b>	<b>Customer Pick-up/Backhaul</b>
<b>PC</b>	<b>Prepaid but Charged to Customer</b>
<b>PP</b>	<b>Prepaid (by Seller)</b>
<b>PU</b>	<b>Pickup</b>
<b>TP</b>	<b>Third Party Pay</b>

**FOB02 309 Location Qualifier C ID 1/2**  
Code identifying type of location.

CODE	DEFINITION
<b>AC</b>	<b>City and State</b>
<b>CC</b>	<b>Country</b>
<b>CY</b>	<b>County/Parish</b>
<b>DE</b>	<b>Destination (Shipping)</b>
<b>FA</b>	<b>Factory</b>
<b>FE</b>	<b>Freight Equalization Point</b>
<b>MI</b>	<b>Mill</b>
<b>OA</b>	<b>Origin (After Loading on Equipment)</b>
<b>OR</b>	<b>Origin (Shipping Point)</b>
<b>OV</b>	<b>On Vessel (Free On Board [FOB] point)</b>
<b>PL</b>	<b>Plant</b>
<b>WH</b>	<b>Warehouse</b>

**FOB03 352 Description O AN 1/80**  
A free-form description to clarify the related data elements and their content.

**Not Used FOB04 334 Transportation Terms Qualifier Code O ID 2/2**  
Code identifying the source of the transportation terms.

**Not Used FOB05 335 Transportation Terms Code C ID 3/3**  
Code identifying the trade terms which apply to the shipment transportation responsibility.

**FOB06 309 Location Qualifier C ID 1/2**  
Code identifying type of location.

CODE	DEFINITION
<b>DE</b>	<b>Destination (Shipping)</b>
<b>FE</b>	<b>Freight Equalization Point</b>
<b>OA</b>	<b>Origin (After Loading on Equipment)</b>
<b>OR</b>	<b>Origin (Shipping Point)</b>
<b>OV</b>	<b>On Vessel (Free On Board [FOB] point)</b>
<b>PL</b>	<b>Plant</b>

			<b>WH</b>	<b>Warehouse</b>			
<b>Not Used</b>	<b>FOB07</b>	<b>352</b>		<b>Description</b>	<b>O</b>	<b>AN</b>	<b>1/80</b>
				A free-form description to clarify the related data elements and their content.			
<b>Not Used</b>	<b>FOB08</b>	<b>54</b>		<b>Risk of Loss Qualifier</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
				Code specifying where responsibility for risk of loss passes.			
<b>Not Used</b>	<b>FOB09</b>	<b>352</b>		<b>Description</b>	<b>C</b>	<b>AN</b>	<b>1/80</b>
				A free-form description to clarify the related data elements and their content.			

**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 C0403**

If PID04 is present, then PID03 is required.

**2 R0405**

At least one of PID04 or PID05 is required.

**3 C0703**

If PID07 is present, then PID03 is required.

**4 C0803**

If PID08 is present, then PID03 is required.

- Semantic:**
1. Use PID03 to indicate the organization that publishes the code list being referred to.
  2. PID04 should be used for industry-specific product description codes.
  3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate.

- Comments:**
- A** If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.
  - B** Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - C** PID07 specifies the individual code list of the agency specified in PID03.

**Notes: FOR SERVICE INVOICES ONLY:**

**If PID segment is used in the header area to describe service(s) in the Detail Area, the following should be observed:**

**(1) Use PID01 code F (Free-Form) and PID05 "Text Description" together.**

<b>PID</b> *	PID01 349 <b>Item Desc Type</b> M ID 1/1	*	PID02 750 <b>Prod/Process Char Code</b> O ID 2/3	*	PID03 559 <b>Agency Qual Code</b> C ID 2/2	*	PID04 751 <b>Product Desc Code</b> C AN 1/12	*	PID05 352 <b>Description</b> C AN 1/80	*	PID06 752 <b>Layer/Posit Code</b> O ID 2/2
	*	PID07 822 <b>Source Subqual</b> O AN 1/15	*	PID08 1073 <b>Yes/No Cond Resp Code</b> O ID 1/1	N / L						

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
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Required	PID01	349	<b>Item Description Type</b> Code indicating the format of a description.	M	ID	1/1
			CODE	DEFINITION		
			<b>F</b>	<b>Free-form</b>		
Not Used	PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic	O	ID	2/3
Not Used	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values.	C	ID	2/2
Not Used	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic.	C	AN	1/12
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C	AN	1/80
			<b>Use this data field to describe the service(s) performed using free-form text.</b>			
Not Used	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	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier.	O	AN	1/15
Not Used	PID08	1073	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response.	O	ID	1/1

**Segment:** **PWK** Paperwork

**Level:** Header

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

**Usage:** Optional

**Max Use:** 25

**Purpose:** To identify the type and transmission of paperwork or supporting information

**Syntax:** 1 P0506

If either PWK05 or PWK06 is present, then the other is required.

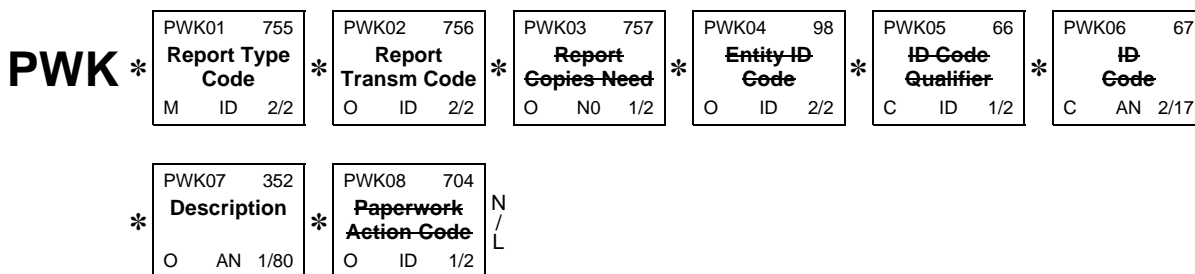
**Comments:** **A** PWK05 and PWK06 may be used to identify the addressee by a code number.

**B** PWK07 may be used to indicate special information to be shown on the specified report.

**C** PWK08 may be used to indicate action pertaining to a report.

**Notes:** The PWK segment should be used ONLY if "attached" paperwork is applicable.

If PWK segment is used at the Header Level, the referenced paperwork is for the entire document. If PWK is used at the detail level, the referenced paperwork is for that INVOICE LINE ITEM ONLY.



**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PWK01	755	<b>Report Type Code</b>	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		<u>CODE</u>	<u>DEFINITION</u>
		12	Mechanical Properties
		BM	Bill of Material
		CT	Certification
		IT	Certified Inspection and Test Results
		MS	Material Safety Data Sheet
		SI	Seller Inventory Report

	<b>PWK02</b>	<b>756</b>	<b>Report Transmission Code</b> Code defining timing, transmission method or format by which reports are to be sent	<b>O ID 2/2</b>
			<b>In most instances, the preferred report transmission vehicle is via an ASC X12 transaction set, if available. However, if a transaction set cannot be used, the report should be transmitted electronically nevertheless.</b>	
			<b>CODE</b>	<b>DEFINITION</b>
			<b>AE</b>	<b>Electronically After Shipping</b>
			<b>BM</b>	<b>By Mail</b>
			<b>EL</b>	<b>Electronically Only</b>
			<b>FX</b>	<b>By Fax</b>
<b>Not Used</b>	<b>PWK03</b>	<b>757</b>	<b>Report Copies Needed</b> The number of copies of a report that should be sent to the addressee.	<b>O NO 1/2</b>
<b>Not Used</b>	<b>PWK04</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual	<b>O ID 2/2</b>
<b>Not Used</b>	<b>PWK05</b>	<b>66</b>	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	<b>C ID 1/2</b>
<b>Not Used</b>	<b>PWK06</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code.	<b>C AN 2/17</b>
	<b>PWK07</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content.	<b>O AN 1/80</b>
<b>Not Used</b>	<b>PWK08</b>	<b>704</b>	<b>Paperwork/Report Action Code</b> Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required.	<b>O ID 1/2</b>

**Segment:** **IT1** Baseline Item Data (Invoice)

**Level:** Detail

**Loop:** IT1 **Repeat:** 200000

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions.

**Syntax:** **1 C0607**

If IT106 is present, then IT107 is required.

**2 C0809**

If IT108 is present, then IT109 is required.

**3 C1011**

If IT110 is present, then IT111 is required.

**4 C1213**

If IT112 is present, then IT113 is required.

**5 C1415**

If IT114 is present, then IT115 is required.

**6 C1617**

If IT116 is present, then IT117 is required.

**7 C1819**

If IT118 is present, then IT119 is required.

**8 C2021**

If IT120 is present, then IT121 is required.

**9 C2223**

If IT122 is present, then IT123 is required.

**10 C2425**

If IT124 is present, then IT125 is required.

**Semantic:** 1. IT101 is the purchase order line item identification.

**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** IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Notes:** **The general approach throughout this transaction set is that positive amounts indicates amounts to be paid by the customer (receiver) to the vendor (sender). Negative numbers will represent amounts credited against the invoice or to the customer's account.**

**Either IT102 (Quantity) or IT104 (Unit Price) may be negative, BUT NOT BOTH.**

**At least one of the IT106, IT108, and IT110 is required for all services and products to support pricing and verification.**

**Quantity x Unit Price in IT1 equals the extended line amount.**

<b>IT1</b> *	IT101 350 <b>Assigned ID</b> O AN 1/11	* IT102 358 <b>Quantity Invoiced</b> M R 1/10	* IT103 355 <b>Unit/Basis Meas Code</b> M ID 2/2	* IT104 212 <b>Unit Price</b> M R 1/14	* IT105 639 <del>Basis Unit Price Code</del> O ID 2/2	* IT106 235 <b>Prod/Serv ID Qual</b> O ID 2/2
	* IT107 234 <b>Product/Service ID</b> C AN 1/30	* IT108 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* IT109 234 <b>Product/Service ID</b> C AN 1/30	* IT110 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* IT111 234 <b>Product/Service ID</b> C AN 1/30	* IT112 235 <b>Prod/Serv ID Qual</b> O ID 2/2
	* IT113 234 <b>Product/Service ID</b> C AN 1/30	* IT114 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* IT115 234 <b>Product/Service ID</b> C AN 1/30	* IT116 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* IT117 234 <b>Product/Service ID</b> C AN 1/30	* IT118 235 <b>Prod/Serv ID Qual</b> O ID 2/2
	* IT119 234 <b>Product/Service ID</b> C AN 1/30	* IT120 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* IT121 234 <b>Product/Service ID</b> C AN 1/30	* IT122 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* IT123 234 <b>Product/Service ID</b> C AN 1/30	* IT124 235 <b>Prod/Serv ID Qual</b> O ID 2/2
	* IT125 234 <del>Product/Service ID</del> C AN 1/30	N / L				

**Data Element Summary**

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	IT101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set.	O AN 1/11
<b>If purchase order is received via EDI, purchase order line number is required in IT101. Otherwise, a sequential line number is required.</b>				
Required	IT102	358	<b>Quantity Invoiced</b> Number of units invoiced (supplier units).	M R 1/10
<b>Either IT102 or IT104 may be negative, but NOT BOTH.</b>				
Required	IT103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
<b>Please note that the following subset of DE 355 code values are the ones commonly used to convey unit of measurement information by the industry. However, the transaction set will not be rejected for non-compliance if other valid DE 355 code values are used from the full ASC X12 3030 Version/Release data element 355.</b>				
			<b>CODE</b>	<b>DEFINITION</b>
			14	Shot
			16	115 Kilogram Drum
			18	55 Gallon Drum
			1A	Car Mile

1I	Fixed Rate
1J	Ton Miles
23	Grams per Cubic Centimeter
28	Kilograms per Square Meter
2Z	Millivolts
3C	Manmonth
43	Super Bulk Bag
47	50 Pound Bag
4K	Milliamperes
4L	Megabyte
59	Parts Per Million
68	Ampere
70	Volt
84	Kilo Pounds Per Square Inch (KSI)
85	Foot Pounds
86	Joules
97	10 Kilogram Drum
A9	Rate
AC	Acre
AT	Atmosphere
B5	Billet
BA	Bale
BB	Base Box
BC	Bucket
BD	Bundle
BF	Board Feet
BG	Bag
BI	Bar
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel

BU	Bushel
BX	Box
BZ	Million BTU's
C7	Centipoise (CPS)
C8	Cubic Decimeter
CA	Case
CB	Carboy
CC	Cubic Centimeter
CD	Carat
CE	Centigrade, Celsius
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CL	Cylinder
CM	Centimeter
CN	Can
CP	Crate
CQ	Cartridge
CR	Cubic Meter
CS	Cassette
CT	Carton
CU	Cup
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
DA	Days
DD	Degree
DF	Dram
DH	Miles
DM	Decimeter
DR	Drum
DZ	Dozen

EA	Each
FA	Fahrenheit
FE	Track Foot
FP	Pounds per Sq. Ft.
FR	Feet Per Minute
FT	Foot
GA	Gallon
GE	Pounds per Gallon
GL	Grams per Liter
GR	Gram
GS	Gross
GX	Grain
GY	Gross Yard
H4	Hectoliter
HA	Hank
HF	Hundred Feet
HH	Hundred Cubic Feet
HJ	Horsepower
HO	Hundred Troy Ounces
HR	Hours
HV	Hundred Weight (Short)
HW	Hundred Weight (Long)
HZ	Hertz
IA	Inch Pound
IN	Inch
JO	Joint
JR	Jar
JU	Jug
K7	Kilowatt
KC	Kilograms per Cubic Meter
KE	Keg
KG	Kilogram

KH	Kilowatt Hour
KN	Kilometer
KP	Kilometers Per Hour
KQ	Kilopascal
KT	Kit
KV	Kelvin
LB	Pound
LF	Linear Foot
LG	Long Ton
LN	Length
LO	Lot
LS	Lump Sum
LT	Liter
M6	Millibar
ME	Milligram
MI	Metric
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MP	Metric Ton
MR	Meter
NB	Barge
NL	Load
NS	Short Ton
NW	Newton
OT	Overtime Hours
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PD	Pad

PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PS	Pounds per Sq. Inch
PT	Pint
QT	Quart
R3	Revolutions Per Minute
RD	Rod
RE	Reel
RL	Roll
RM	Ream
RU	Run
S2	Seconds (time)
S4	Square Meters per Second
SB	Square Mile
SF	Square Foot
SH	Sheet
SI	Square Inch
SJ	Sack
SM	Square Meter
SO	Spool
SR	Strip
ST	Set
SV	Skid
SY	Square Yard
TB	Tube
TC	Truckload
TE	Tote
TG	Gross Ton
TH	Thousand
TK	Tank

<b>TL</b>	<b>Thousand Feet (Linear)</b>
<b>TN</b>	<b>Net Ton (2,,000 LB).</b>
<b>TO</b>	<b>Troy Ounce</b>
<b>TQ</b>	<b>Thousand Feet</b>
<b>TS</b>	<b>Thousand Square Feet</b>
<b>UN</b>	<b>Unit</b>
<b>WK</b>	<b>Week</b>
<b>YD</b>	<b>Yard</b>
<b>YR</b>	<b>Years</b>

**Required**      **IT104**      **212**      **Unit Price**      **M**    **R**      **1/14**  
Price per unit of product, service, commodity, etc.

**Either IT102 or IT104 may be negative, but NOT BOTH.**

**Not Used**      **IT105**      **639**      **Basis of Unit Price Code**      **O**    **ID**      **2/2**  
Code identifying the type of unit price for an item.

**IT106**      **235**      **Product/Service ID Qualifier**      **O**    **ID**      **2/2**  
Code identifying the type/source of the descriptive number used in Product/Service ID (234).

CODE	DEFINITION
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<b>CB</b>	<b>Buyer's Catalog Number</b>
<b>CG</b>	<b>Commodity Grouping</b> Use this code value to denote WORLD CODE (CIMIS Number).
<b>CQ</b>	<b>Equipment Code per COPAS standard</b> Refer to Code Source 61 in the Appendix of this publication.
<b>MG</b>	<b>Manufacturer's Part Number</b>
<b>MN</b>	<b>Model Number</b>
<b>SN</b>	<b>Serial Number</b>
<b>TP</b>	<b>Product Type Code</b>
<b>VN</b>	<b>Vendor's (Seller's) Item Number</b>

**IT107**      **234**      **Product/Service ID**      **C**    **AN**      **1/30**  
Identifying number for a product or service.

**IT108**      **235**      **Product/Service ID Qualifier**      **O**    **ID**      **2/2**  
Code identifying the type/source of the descriptive number used in Product/Service ID (234).

**See IT106 for applicable code values.**

**IT109**      **234**      **Product/Service ID**      **C**    **AN**      **1/30**  
Identifying number for a product or service.

	IT110	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
	<b>See IT106 for applicable code values.</b>					
	IT111	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
	IT112	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
	<b>See IT106 for applicable code values.</b>					
	IT113	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
	IT114	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
	<b>See IT106 for applicable code values.</b>					
	IT115	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
	IT116	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
	<b>See IT106 for applicable code values.</b>					
	IT117	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
	IT118	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
	<b>See IT106 for applicable code values.</b>					
	IT119	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
	IT120	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
	<b>See IT106 for applicable code values.</b>					
	IT121	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
Not Used	IT122	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
Not Used	IT123	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
Not Used	IT124	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
Not Used	IT125	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30

**Segment:** **IT3** Additional Item Data

**Level:** Detail

**Loop:** IT1

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities.

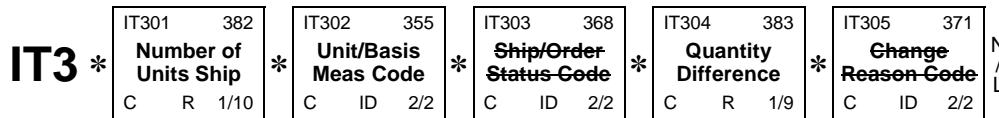
**Syntax:** **1 C0102**

If IT301 is present, then IT302 is required.

**2 R01030405**

At least one of IT301, IT303, IT304 or IT305 is required.

**Notes:** PIDX uses this segment only to specify additional item details relating to variations between ordered and shipped quantities. Other information is to be shown in the SLN segment.



**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
IT301	382	<b>Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.	C R 1/10
IT302	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2

Please note that the following subset of DE 355 code values are the ones commonly used to convey unit of measurement information by the industry. However, the transaction set will not be rejected for non-compliance if other valid DE 355 code values are used from the full ASC X12 3030 Version/Release data element 355.

CODE	DEFINITION
14	Shot
16	115 Kilogram Drum
18	55 Gallon Drum
1A	Car Mile
1I	Fixed Rate
23	Grams per Cubic Centimeter
28	Kilograms per Square Meter
2Z	Millivolts

3C	Manmonth
43	Super Bulk Bag
47	50 Pound Bag
4K	Milliamperes
4L	Megabyte
59	Parts Per Million
68	Ampere
70	Volt
84	Kilo Pounds Per Square Inch (KSI)
85	Foot Pounds
86	Joules
97	10 Kilogram Drum
A9	Rate
AC	Acre
AT	Atmosphere
B5	Billet
BA	Bale
BB	Base Box
BC	Bucket
BD	Bundle
BF	Board Feet
BG	Bag
BI	Bar
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
BX	Box
BZ	Million BTU's
C7	Centipoise (CPS)
C8	Cubic Decimeter

CA	Case
CB	Carboy
CC	Cubic Centimeter
CD	Carat
CE	Centigrade, Celsius
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CL	Cylinder
CM	Centimeter
CN	Can
CP	Crate
CQ	Cartridge
CR	Cubic Meter
CS	Cassette
CT	Carton
CU	Cup
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
DA	Days
DD	Degree
DF	Dram
DH	Miles
DM	Decimeter
DR	Drum
DZ	Dozen
EA	Each
FA	Fahrenheit
FE	Track Foot
FP	Pounds per Sq. Ft.
FR	Feet Per Minute

FT	Foot
GA	Gallon
GE	Pounds per Gallon
GL	Grams per Liter
GR	Gram
GS	Gross
GX	Grain
GY	Gross Yard
H4	Hectoliter
HA	Hank
HF	Hundred Feet
HH	Hundred Cubic Feet
HJ	Horsepower
HO	Hundred Troy Ounces
HR	Hours
HV	Hundred Weight (Short)
HW	Hundred Weight (Long)
HZ	Hertz
IA	Inch Pound
IN	Inch
JO	Joint
JR	Jar
JU	Jug
K7	Kilowatt
KC	Kilograms per Cubic Meter
KE	Keg
KG	Kilogram
KH	Kilowatt Hour
KN	Kilometer
KP	Kilometers Per Hour
KQ	Kilopascal
KT	Kit

KV	Kelvin
LB	Pound
LF	Linear Foot
LG	Long Ton
LN	Length
LO	Lot
LS	Lump Sum
LT	Liter
M6	Millibar
ME	Milligram
MI	Metric
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MP	Metric Ton
MR	Meter
NB	Barge
NL	Load
NS	Short Ton
NW	Newton
OT	Overtime Hours
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PD	Pad
PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PS	Pounds per Sq. Inch

PT	Pint
QT	Quart
R3	Revolutions Per Minute
RD	Rod
RE	Reel
RL	Roll
RM	Ream
RU	Run
S2	Seconds (time)
S4	Square Meters per Second
SB	Square Mile
SF	Square Foot
SH	Sheet
SI	Square Inch
SJ	Sack
SM	Square Meter
SO	Spool
SR	Strip
ST	Set
SV	Skid
SY	Square Yard
TB	Tube
TC	Truckload
TE	Tote
TG	Gross Ton
TH	Thousand
TK	Tank
TL	Thousand Feet (Linear)
TN	Net Ton (2,,000 LB).
TO	Troy Ounce
TQ	Thousand Feet
TS	Thousand Square Feet

<b>UN</b>	<b>Unit</b>
<b>WK</b>	<b>Week</b>
<b>YD</b>	<b>Yard</b>
<b>YR</b>	<b>Years</b>

<b>Not Used</b>	<b>IT303</b>	<b>368</b>	<b>Shipment/Order Status Code</b>	<b>C</b>	<b>ID</b>	<b>2/2</b>
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.			
	<b>IT304</b>	<b>383</b>	<b>Quantity Difference</b>	<b>C</b>	<b>R</b>	<b>1/9</b>
			Numeric value of variance between ordered and shipped quantities.			
<b>Not Used</b>	<b>IT305</b>	<b>371</b>	<b>Change Reason Code</b>	<b>C</b>	<b>ID</b>	<b>2/2</b>
			Code specifying the reason for price or quantity change.			

**Segment:** **TXI** Tax Information

**Level:** Detail

**Loop:** IT1

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify tax information.

**Syntax:** **1 R020306**

At least one of TXI02, TXI03 or TXI06 is required.

**2 P0405**

If either TXI04 or TXI05 is present, then the other is required.

**3 C0803**

If TXI08 is present, then TXI03 is required.

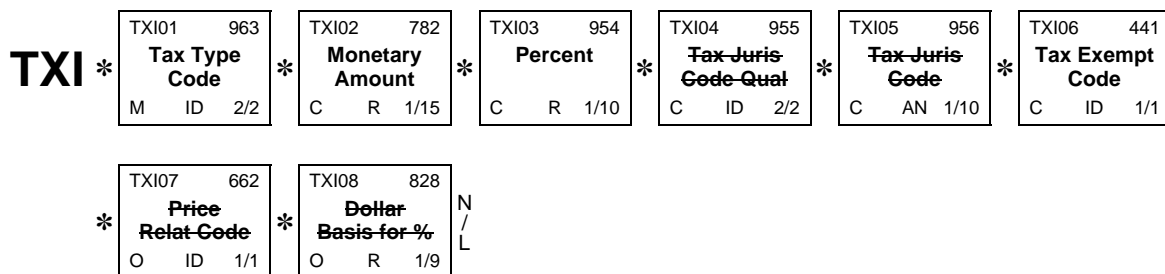
**Comments:** **A** TXI02 is the monetary amount of the tax.

**B** TXI03 is the tax percent expressed as a decimal.

**C** If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.

**Notes:** The general approach throughout this transaction set is that positive amounts indicates amounts to be paid by the customer (receiver) to the vendor (sender). Negative numbers will represent amounts credited against the invoice or to the customer's account.

It is the PMMUG recommendation that the TXI segment be provided at the summary or detail level, BUT NOT BOTH. Many systems cannot currently provide detail level TXI segments.



**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax.	M ID 2/2
		<u>CODE</u> <u>DEFINITION</u>	
		CP      County/Parish Sales Tax	
		CS      City Sales Tax	
		CT      County Tax	
		FT      Federal Excise Tax	

<b>GR</b>	<b>Gross Receipts Tax</b>
<b>GS</b>	<b>Goods and Services Tax</b>
<b>LO</b>	<b>Local Tax (Not Sales Tax)</b>
<b>LS</b>	<b>State and Local Sales Tax</b>
<b>MT</b>	<b>Metropolitan Transit Tax</b>
<b>SP</b>	<b>State/Provincial Tax</b>
<b>ST</b>	<b>State Sales Tax</b> The ST qualifier is to be used to denote the Well Service Tax Code which was approved by the ASC X12 Standards Body after the publication of Version/Release 003030 upon which this industry implementation is based. The new code value, WS - Well Service Tax, became available after the publication of Version/Release 003050.

	<b>TXI02</b>	<b>782</b>	<b>Monetary Amount</b> Monetary amount.	<b>C</b>	<b>R</b>	<b>1/15</b>
	<b>TXI03</b>	<b>954</b>	<b>Percent</b> Percentage expressed as a decimal	<b>C</b>	<b>R</b>	<b>1/10</b>
<b>Not Used</b>	<b>TXI04</b>	<b>955</b>	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code.	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>Not Used</b>	<b>TXI05</b>	<b>956</b>	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction.	<b>C</b>	<b>AN</b>	<b>1/10</b>
	<b>TXI06</b>	<b>441</b>	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax.	<b>C</b>	<b>ID</b>	<b>1/1</b>

**Use these code values to identify the taxability of services related to material items.**

**For example: Use code = 1 for Federal Offshore Water Properties. Use code = 7 when a direct pay authorization is held by purchaser.**

<u>CODE</u>	<u>DEFINITION</u>
<b>1</b>	<b>Yes (Tax Exempt)</b>
<b>2</b>	<b>No (Not Tax Exempt)</b>
<b>7</b>	<b>Direct Pay ID</b>

<b>Not Used</b>	<b>TXI07</b>	<b>662</b>	<b>Price Relationship Code</b> Code indicating the relationship of the price or amount to the associated segment.	<b>O</b>	<b>ID</b>	<b>1/1</b>
<b>Not Used</b>	<b>TXI08</b>	<b>828</b>	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	<b>O</b>	<b>R</b>	<b>1/9</b>

**Segment:** CTP Pricing Information

**Level:** Detail

**Loop:** IT1

**Usage:** Optional

**Max Use:** 25

**Purpose:** To specify pricing information

**Syntax:** 1 C0405

If CTP04 is present, then CTP05 is required.

2 C0607

If CTP06 is present, then CTP07 is required.

**Semantic:** 1. 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.

2. CTP08 is the rebate amount.

**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

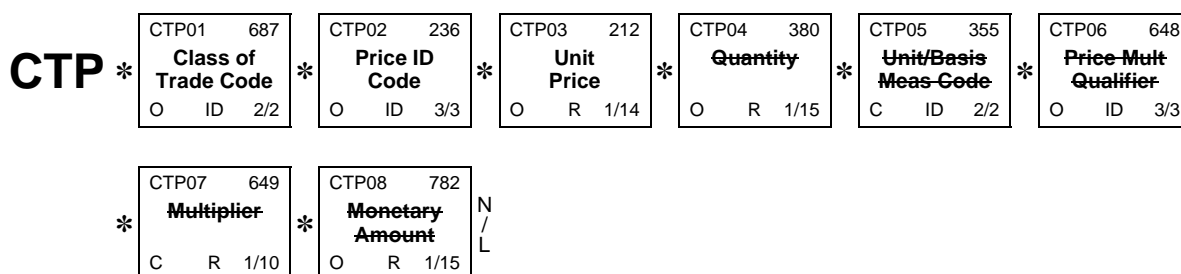
1.00 0 0.90

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
		<u>CODE</u> <u>DEFINITION</u>			
		<b>MF</b> <b>Manufacturer</b>			
CTP02	236	<b>Price Identifier Code</b> Code identifying pricing specification.	O	ID	3/3
		<u>CODE</u> <u>DEFINITION</u>			
		<b>TOT</b> <b>Total Invoice Amount Due</b>			
CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	O	R	1/14
Not Used	CTP04	<b>Quantity</b> Numeric value of quantity.	O	R	1/15
Not Used	CTP05	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2
Not Used	CTP06	<b>Price Multiplier Qualifier</b> Code indicating the type of price multiplier.	O	ID	3/3
Not Used	CTP07	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	C	R	1/10
Not Used	CTP08	<b>Monetary Amount</b> Monetary amount.	O	R	1/15

**Segment:** **PID** Product/Item Description

**Level:** Detail

**Loop:** IT1/PID **Repeat:** 1000

**Usage:** Optional

**Max Use:** 1

**Purpose:** To describe a product or process in coded or free-form format

**Syntax:** **1 C0403**

If PID04 is present, then PID03 is required.

**2 R0405**

At least one of PID04 or PID05 is required.

**3 C0703**

If PID07 is present, then PID03 is required.

**4 C0803**

If PID08 is present, then PID03 is required.

- Semantic:**
1. Use PID03 to indicate the organization that publishes the code list being referred to.
  2. PID04 should be used for industry-specific product description codes.
  3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate.

**Comments:** **A** If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.

**B** Use PID06 when necessary to refer to the product surface or layer being described in the segment.

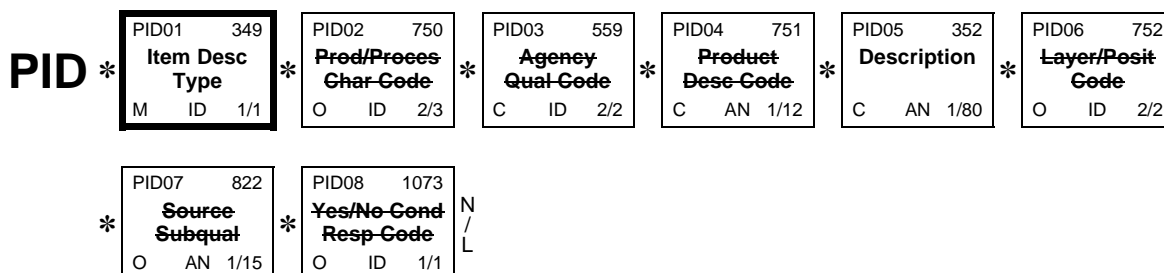
**C** PID07 specifies the individual code list of the agency specified in PID03.

**Notes:** **FOR SERVICE INVOICES ONLY:**

**If PID segment is used in the header area to describe service(s) in the Detail Area, the following should be observed:**

**(1) Use PID01 code F (Free-Form) and PID05 "Text Description" together.**

**Use the PID segment to describe the product referenced in the IT1 segment only if no mutually understood product identifier (e.g., Model Number) is present in the IT106 - IT121 for the item or additional descriptive information is required.**



**Data Element Summary**

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Required	PID01	349	<b>Item Description Type</b> Code indicating the format of a description.	M	ID	1/1
			CODE	DEFINITION		
			<b>F</b>	<b>Free-form</b>		
Not Used	PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic	O	ID	2/3
Not Used	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values.	C	ID	2/2
Not Used	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic.	C	AN	1/12
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C	AN	1/80
			<b>PID05 should be used to reference line item description.</b>			
Not Used	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	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier.	O	AN	1/15
Not Used	PID08	1073	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response.	O	ID	1/1

**Segment:** **PWK** Paperwork

**Level:** Detail

**Loop:** IT1

**Usage:** Optional

**Max Use:** 25

**Purpose:** To identify the type and transmission of paperwork or supporting information

**Syntax:** 1 P0506

If either PWK05 or PWK06 is present, then the other is required.

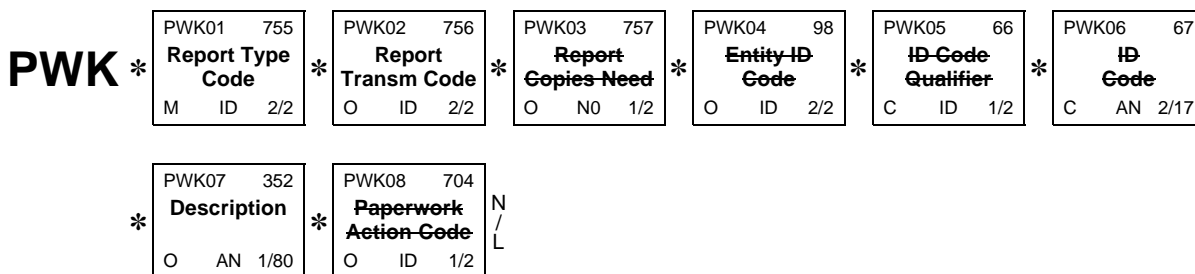
**Comments:** **A** PWK05 and PWK06 may be used to identify the addressee by a code number.

**B** PWK07 may be used to indicate special information to be shown on the specified report.

**C** PWK08 may be used to indicate action pertaining to a report.

**Notes:** The PWK segment should be used ONLY if "attached" paperwork is applicable.

If PWK segment is used at the Header Level, the referenced paperwork is for the entire document. If PWK is used at the detail level, the referenced paperwork is for that INVOICE LINE ITEM ONLY.



### Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PWK01	755	<b>Report Type Code</b>	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		<u>CODE</u>	<u>DEFINITION</u>
		12	Mechanical Properties
		BM	Bill of Material
		CT	Certification
		IT	Certified Inspection and Test Results
		MS	Material Safety Data Sheet
		SI	Seller Inventory Report

	<b>PWK02</b>	<b>756</b>	<b>Report Transmission Code</b> Code defining timing, transmission method or format by which reports are to be sent	<b>O ID 2/2</b>
			<b>In most instances, the preferred report transmission vehicle is via an ASC X12 transaction set, if available. However, if a transaction set cannot be used, the report should be transmitted electronically nevertheless.</b>	
			<b>CODE</b>	<b>DEFINITION</b>
			<b>AE</b>	<b>Electronically After Shipping</b>
			<b>BM</b>	<b>By Mail</b>
			<b>EL</b>	<b>Electronically Only</b>
			<b>FX</b>	<b>By Fax</b>
<b>Not Used</b>	<b>PWK03</b>	<b>757</b>	<b>Report Copies Needed</b> The number of copies of a report that should be sent to the addressee.	<b>O NO 1/2</b>
<b>Not Used</b>	<b>PWK04</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual	<b>O ID 2/2</b>
<b>Not Used</b>	<b>PWK05</b>	<b>66</b>	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67).	<b>C ID 1/2</b>
<b>Not Used</b>	<b>PWK06</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code.	<b>C AN 2/17</b>
	<b>PWK07</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content.	<b>O AN 1/80</b>
<b>Not Used</b>	<b>PWK08</b>	<b>704</b>	<b>Paperwork/Report Action Code</b> Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required.	<b>O ID 1/2</b>

**Segment:** REF Reference Numbers

**Level:** Detail

**Loop:** IT1

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying numbers.

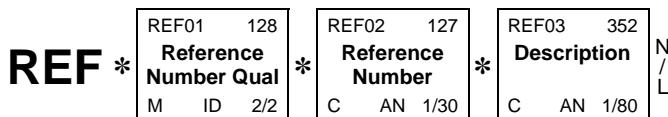
**Syntax:** 1 R0203

At least one of REF02 or REF03 is required.

**Notes:** If a purchase order\release number is not issued by a trading partner, then at least one of the following code values must be used: AE, CR, JB, WN, OR LU.

PMMUG recommends using a maximum of three (3) qualifiers or less per transaction set.

The information relayed in this REF segment applies to the entire transaction. If this information differs for a particular line item, use the REF segment at the detail level.



### Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		CODE	DEFINITION
		19	Division Identifier Canada Only
		AE	Authorization for Expense (AFE) Number
		CR	Customer Reference Number Use this code value to represent the Customer Accounting Reference Number.
		DJ	Delivery Ticket Number
		IT	Internal Customer Number
		JB	Job (Project) Number Use this code value to denote the Job/Work Order Number.
		LU	Location Number Use this code value to represent either the well or field identification number.
		OI	Original Invoice Number

The original invoice number should be noted in the REF02 if a credit memo is sent with a unique invoice number.

**PA Price Area Number**

**WN Well Number**

Use this code value to represent either the well or field name.

**REF02 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.

**REF03 352 Description C AN 1/80**  
A free-form description to clarify the related data elements and their content.

**Segment:** **DTM** Date/Time Reference

**Level:** Detail

**Loop:** IT1

**Usage:** Optional

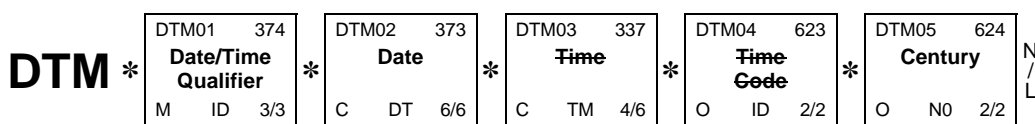
**Max Use:** 10

**Purpose:** To specify pertinent dates and times

**Syntax:** 1 R0203

At least one of DTM02 or DTM03 is required.

**Notes:** The DTM segment is not commonly used at both the header level and detail level. Best practices suggests that the DTM be used at either the header level or detail level, NOT BOTH.



**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
		<b>CODE</b>	<b>DEFINITION</b>		
		011	Shipped		
		150	Service Period Start		
		151	Service Period End		
		214	Date of Repair/Service		
	DTM02	<b>Date</b> Date (YYMMDD).	C	DT	6/6
Not Used	DTM03	<b>Time</b> Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	C	TM	4/6
Not Used	DTM04	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.	O	ID	2/2
	DTM05	<b>Century</b> The first two characters in the designation of the year (CCYY).	O	NO	2/2

- Segment:** **ITA** Allowance, Charge or Service
- Level:** Detail
- Loop:** IT1/ITA **Repeat:** 10
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify allowances, charges or services
- Syntax:** **1 L02031314**  
If ITA02 is present, then at least one of ITA03, ITA13 or ITA14 are required.
- 2 C0809**  
If ITA08 is present, then ITA09 is required.
- 3 C1011**  
If ITA10 is present, then ITA11 is required.
- 4 C1502**  
If ITA15 is present, then ITA02 is required.
- Semantic:** 1. ITA12 is the quantity of free goods.
- Comments:** **A** If ITA01 = A-Allowance or C-Charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- B** ITA02 identifies the source of the code value in ITA03 or ITA14.
- C** If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- D** ITA13 is used to clarify the allowance, charge or service.
- E** ITA15 specifies the individual code list of the agency specified in ITA02.
- F** ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.
- Notes:** **The ITA segment appearing in the summary area applies to all line items on the invoice. The use of this segment in the detail area applies to the specific product or line item (IT1 segment) only. The use of the ITA segment in the summary area is exclusive of the use of the ITA segment in the detail area; the ITA segment in the summary area is not the sum of the ITA segments in the detail area.**
- The general approach throughout this transaction set is that positive amounts indicates amounts to be paid by the customer (receiver) to the vendor (sender). Negative numbers will represent amounts credited against the invoice or to the customer's account.**
- For any given Special Charge or Allowance Code (ITA14), ITA14 should appear at either the detail or summary level, but NOT BOTH.**

<b>ITA</b> *	ITA01 248 <b>Allow/Chrg Indicator</b> M ID 1/1	ITA02 559 <b>Agency Qual Code</b> C ID 2/2	ITA03 560 <b>Special Serv Code</b> C ID 2/10	ITA04 331 <b>Allow/Chrg Handl Code</b> M ID 2/2	ITA05 341 <b>Allow/Chrg Number</b> O AN 1/16	ITA06 359 <b>Allow/Chrg Rate</b> O R 1/9
	ITA07 360 <b>Allow/Chrg Total Amt</b> O N2 1/9	ITA08 378 <b>Allow/Chrg % Qualifier</b> O ID 1/1	ITA09 332 <b>Allow/Chrg Percent</b> C R 1/6	ITA10 339 <b>Allow/Chrg Quantity</b> O R 1/10	ITA11 355 <b>Unit/Basis Meas Code</b> C ID 2/2	ITA12 380 <b>Quantity</b> O R 1/15
	ITA13 352 <b>Description</b> C AN 1/80	<b>ITA14 150 Spec Charge /Allow Code</b> C ID 3/3	ITA15 822 <b>Source Subqual</b> O AN 1/15	ITA16 662 <b>Price Relat Code</b> O ID 1/1	N / L	

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
	<b>ITA01</b>	<b>248 Allowance or Charge Indicator</b>	<b>M ID 1/1</b>
		Code which indicates an allowance or charge for the service specified.	
		CODE      DEFINITION	
		<b>A      Allowance</b>	
		<b>C      Charge</b>	
<b>Not Used</b>	<b>ITA02</b>	<b>559 Agency Qualifier Code</b>	<b>C ID 2/2</b>
		Code identifying the agency assigning the code values.	
<b>Not Used</b>	<b>ITA03</b>	<b>560 Special Services Code</b>	<b>C ID 2/10</b>
		Code identifying the special service.	
	<b>ITA04</b>	<b>331 Allowance or Charge Method of Handling Code</b>	<b>M ID 2/2</b>
		Code indicating method of handling for an allowance or charge.	
		CODE      DEFINITION	
		<b>02      Off Invoice</b>	
		<b>06      Charge to be Paid by Customer</b>	
<b>Not Used</b>	<b>ITA05</b>	<b>341 Allowance or Charge Number</b>	<b>O AN 1/16</b>
		The number assigned by a vendor referencing an allowance, promotion, deal or charge.	
<b>Not Used</b>	<b>ITA06</b>	<b>359 Allowance or Charge Rate</b>	<b>O R 1/9</b>
		Allowance or Charge Rate per Unit.	
	<b>ITA07</b>	<b>360 Allowance or Charge Total Amount</b>	<b>O N2 1/9</b>
		Total dollar amount for the allowance or charge.	
	<b>ITA08</b>	<b>378 Allowance/ Charge Percent Qualifier</b>	<b>O ID 1/1</b>
		Code indicating on what basis allowance or charge percent is calculated.	
	<b>ITA09</b>	<b>332 Allowance or Charge Percent</b>	<b>C R 1/6</b>
		Allowance or charge expressed as a percent.	
	<b>ITA10</b>	<b>339 Allowance or Charge Quantity</b>	<b>O R 1/10</b>
		Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.	

	ITA11	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2																																
	ITA12	380	<b>Quantity</b> Numeric value of quantity.	O	R	1/15																																
	ITA13	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C	AN	1/80																																
			<b>If additional information is available on ITA14, ITA13 should contain that description.</b>																																			
Required	ITA14	150	<b>Special Charge or Allowance Code</b> Code identifying type of special charge or allowance.	C	ID	3/3																																
			<table border="1"> <thead> <tr> <th>CODE</th> <th>DEFINITION</th> </tr> </thead> <tbody> <tr><td>400</td><td>Freight</td></tr> <tr><td>405</td><td>Fuel Surcharge</td></tr> <tr><td>690</td><td>Special Handling Service</td></tr> <tr><td>DSC</td><td>Discount</td></tr> <tr><td>EEH</td><td>Engineering Charge</td></tr> <tr><td>FFR</td><td>Flat Rate</td></tr> <tr><td>IIA</td><td>Invoice Adjustment</td></tr> <tr><td>INC</td><td>Insurance Surcharge</td></tr> <tr><td>LAE</td><td>One-Time License Fee</td></tr> <tr><td>MSG</td><td>Miscellaneous Charge</td></tr> <tr><td>PAB</td><td>Postage Charge</td></tr> <tr><td>RAK</td><td>Royalties</td></tr> <tr><td>TRC</td><td>Trailer Rental Charge</td></tr> <tr><td>TTB</td><td>Transportation-Direct Billing</td></tr> <tr><td>TTV</td><td>Transportation - Vendor Provided</td></tr> </tbody> </table>	CODE	DEFINITION	400	Freight	405	Fuel Surcharge	690	Special Handling Service	DSC	Discount	EEH	Engineering Charge	FFR	Flat Rate	IIA	Invoice Adjustment	INC	Insurance Surcharge	LAE	One-Time License Fee	MSG	Miscellaneous Charge	PAB	Postage Charge	RAK	Royalties	TRC	Trailer Rental Charge	TTB	Transportation-Direct Billing	TTV	Transportation - Vendor Provided			
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DSC	Discount																																					
EEH	Engineering Charge																																					
FFR	Flat Rate																																					
IIA	Invoice Adjustment																																					
INC	Insurance Surcharge																																					
LAE	One-Time License Fee																																					
MSG	Miscellaneous Charge																																					
PAB	Postage Charge																																					
RAK	Royalties																																					
TRC	Trailer Rental Charge																																					
TTB	Transportation-Direct Billing																																					
TTV	Transportation - Vendor Provided																																					
	ITA15	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier.	O	AN	1/15																																
			<b>NOT USED BY PIDX</b>																																			
	ITA16	662	<b>Price Relationship Code</b> Code indicating the relationship of the price or amount to the associated segment.	O	ID	1/1																																

**Segment:** **SLN** Subline Item Detail

**Level:** Detail

**Loop:** IT1/SLN **Repeat:** 1000

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify product subline detail item data

**Syntax:** **1 C0706**

If SLN07 is present, then SLN06 is required.

**2 C0806**

If SLN08 is present, then SLN06 is required.

**3 C0910**

If SLN09 is present, then SLN10 is required.

**4 C1112**

If SLN11 is present, then SLN12 is required.

**5 C1314**

If SLN13 is present, then SLN14 is required.

**6 C1516**

If SLN15 is present, then SLN16 is required.

**7 C1718**

If SLN17 is present, then SLN18 is required.

**8 C1920**

If SLN19 is present, then SLN20 is required.

**9 C2122**

If SLN21 is present, then SLN22 is required.

**10 C2324**

If SLN23 is present, then SLN24 is required.

**11 C2526**

If SLN25 is present, then SLN26 is required.

**12 C2728**

If SLN27 is present, then SLN28 is required.

**Semantic:** **1.** SLN01 is the identifying number for the subline item.

**2.** SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

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

**B** SLN01 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** SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Notes:** The general approach throughout this transaction set is that positive amounts indicates amounts to be paid by the customer (receiver) to the vendor (sender). Negative numbers will represent amounts credited against the invoice or to the customer's account.

The SLN segment is to be used for communication additional information to support quantity and unit price in the IT1 segment.

Either SLN04 (Quantity) or SLN06 (Unit Price) may be negative, but NOT BOTH.

<b>SLN</b> *	SLN01 350 <b>Assigned ID</b> M AN 1/11	* SLN02 350 <b>Assigned ID</b> O AN 1/11	* SLN03 661 <b>Configur Code</b> M ID 1/1	* SLN04 380 <b>Quantity</b> M R 1/15	* SLN05 355 <b>Unit/Basis Meas Code</b> M ID 2/2	* SLN06 212 <b>Unit Price</b> C R 1/14
	* SLN07 639 <b>Basis Unit Price Code</b> O ID 2/2	* SLN08 662 <b>Price Relat Code</b> O ID 1/1	* SLN09 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN10 234 <b>Product/Service ID</b> C AN 1/30	* SLN11 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN12 234 <b>Product/Service ID</b> C AN 1/30
	* SLN13 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN14 234 <b>Product/Service ID</b> C AN 1/30	* SLN15 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN16 234 <b>Product/Service ID</b> C AN 1/30	* SLN17 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN18 234 <b>Product/Service ID</b> C AN 1/30
	* SLN19 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN20 234 <b>Product/Service ID</b> C AN 1/30	* SLN21 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN22 234 <b>Product/Service ID</b> C AN 1/30	* SLN23 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN24 234 <b>Product/Service ID</b> C AN 1/30
	* SLN25 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN26 234 <b>Product/Service ID</b> C AN 1/30	* SLN27 235 <b>Prod/Serv ID Qual</b> O ID 2/2	* SLN28 234 <b>Product/Service ID</b> C AN 1/30	N / L	

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
	SLN01	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set.	M AN 1/11
		<b>SLN01 must be the same assigned identification number given in IT101.</b>	
Not Used	SLN02	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set.	O AN 1/11
	SLN03	<b>Configuration Code</b> Code indicating the relationship of the subline item to the baseline item.	M ID 1/1
		CODE	DEFINITION
		I	Included
	SLN04	<b>Quantity</b> Numeric value of quantity.	M R 1/15

	SLN05	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2
	SLN06	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C	R	1/14
Not Used	SLN07	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item.	O	ID	2/2
Not Used	SLN08	662	<b>Price Relationship Code</b> Code indicating the relationship of the price or amount to the associated segment.	O	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
			<b>CODE</b>	<b>DEFINITION</b>		
			<b>CB</b>	<b>Buyer's Catalog Number</b>		
			<b>CG</b>	<b>Commodity Grouping</b> Use this code value to denote WORLD CODE (CIMIS Number).		
			<b>CQ</b>	<b>Equipment Code per COPAS standard</b> Refer to Code Source 61 in the Appendix of this publication.		
			<b>MG</b>	<b>Manufacturer's Part Number</b>		
			<b>MN</b>	<b>Model Number</b>		
			<b>SN</b>	<b>Serial Number</b>		
			<b>TP</b>	<b>Product Type Code</b>		
			<b>VN</b>	<b>Vendor's (Seller's) Item Number</b>		
	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
			<b>See SLN09 for applicable code values.</b>			
	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
			<b>See SLN09 for applicable code values.</b>			
	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
			<b>See SLN09 for applicable code values.</b>			
	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
<b>See SLN09 for applicable code values.</b>						
	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
<b>See SLN09 for applicable code values.</b>						
	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
<b>See SLN09 for applicable code values.</b>						
Not Used	SLN24	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
Not Used	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
Not Used	SLN26	234	<b>Product/Service ID</b> Identifying number for a product or service.	C	AN	1/30
Not Used	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
Not Used	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:** IT1/SLN

**Usage:** Optional

**Max Use:** 1000

**Purpose:** To describe a product or process in coded or free-form format

**Syntax:** **1 C0403**

If PID04 is present, then PID03 is required.

**2 R0405**

At least one of PID04 or PID05 is required.

**3 C0703**

If PID07 is present, then PID03 is required.

**4 C0803**

If PID08 is present, then PID03 is required.

- Semantic:**
1. Use PID03 to indicate the organization that publishes the code list being referred to.
  2. PID04 should be used for industry-specific product description codes.
  3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate.

- Comments:**
- A** If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.
- B** Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- C** PID07 specifies the individual code list of the agency specified in PID03.

**Notes: FOR SERVICE INVOICES ONLY:**

**If PID segment is used in the header area to describe service(s) in the Detail Area, the following should be observed:**

**(1) Use PID01 code F (Free-Form) and PID05 "Text Description" together.**

<b>PID</b> *	PID01 349 <b>Item Desc Type</b> M ID 1/1	* PID02 750 <b>Prod/Process Char Code</b> O ID 2/3	* PID03 559 <b>Agency Qual Code</b> C ID 2/2	* PID04 751 <b>Product Desc Code</b> C AN 1/12	* PID05 352 <b>Description</b> C AN 1/80	* PID06 752 <b>Layer/Posit Code</b> O ID 2/2
	* PID07 822 <b>Source Subqual</b> O AN 1/15	* PID08 1073 <b>Yes/No Cond Resp Code</b> O ID 1/1	N / L			

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
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Required	PID01	349	<b>Item Description Type</b> Code indicating the format of a description.	M	ID	1/1
			CODE	DEFINITION		
			<b>F</b>	<b>Free-form</b>		
Not Used	PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic	O	ID	2/3
Not Used	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values.	C	ID	2/2
Not Used	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic.	C	AN	1/12
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C	AN	1/80
			<b>Use PID05 to describe the subline item.</b>			
Not Used	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	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier.	O	AN	1/15
Not Used	PID08	1073	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response.	O	ID	1/1

**Segment:** TDS Total Monetary Value Summary

**Level:** Summary

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

**Usage:** Mandatory

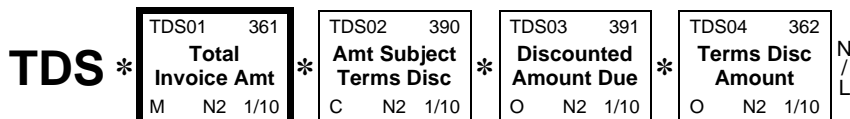
**Max Use:** 1

**Purpose:** To specify the total invoice discounts and amounts

**Comments:** A TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

**Notes:** The general approach throughout this transaction set is that positive amounts indicates amounts to be paid by the customer (receiver) to the vendor (sender). Negative numbers will represent amounts credited against the invoice or to the customer's account.

TDS02 - TDS04 are required if discount information is sent in ITD03 - ITD05.



**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	TDS01	<b>Total Invoice Amount</b> Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).	M N2 1/10
		<p>The Total Invoice Amount (TDS01) is the sum of all amounts relayed in the detail area (including changes/allowances in ITA segments and taxes in TXI segments) plus all charges/allowances and taxes reflected in the ITA and TXI segments in the summary area.</p>	
	TDS02	<b>Amount Subject to Terms Discount</b> Amount upon which the terms discount amount is calculated.	C N2 1/10
	TDS03	<b>Discounted Amount Due</b> Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount.)	O N2 1/10
	TDS04	<b>Terms Discount Amount</b> Total amount of terms discount.	O N2 1/10

**Segment:** **TXI** Tax Information

**Level:** Summary

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

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify tax information.

**Syntax:** **1 R020306**

At least one of TXI02, TXI03 or TXI06 is required.

**2 P0405**

If either TXI04 or TXI05 is present, then the other is required.

**3 C0803**

If TXI08 is present, then TXI03 is required.

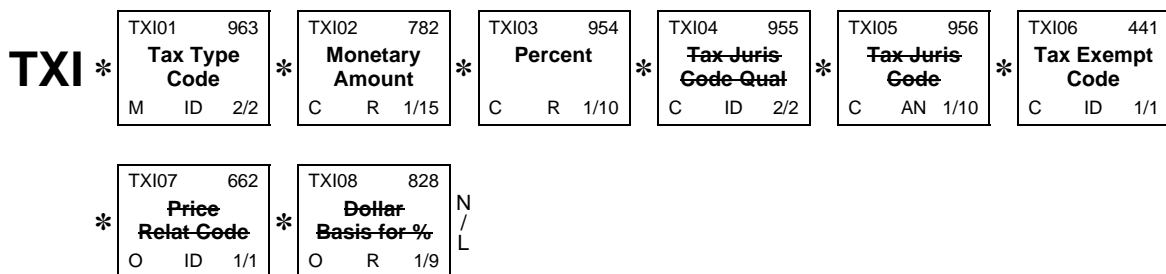
**Comments:** **A** TXI02 is the monetary amount of the tax.

**B** TXI03 is the tax percent expressed as a decimal.

**C** If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.

**Notes:** The general approach throughout this transaction set is that positive amounts indicates amounts to be paid by the customer (receiver) to the vendor (sender). Negative numbers will represent amounts credited against the invoice or to the customer's account.

PMMUG recommends that the TXI segment be used at the summary or detail level, but NOT BOTH. Many systems cannot currently provide detail level TXI segments.

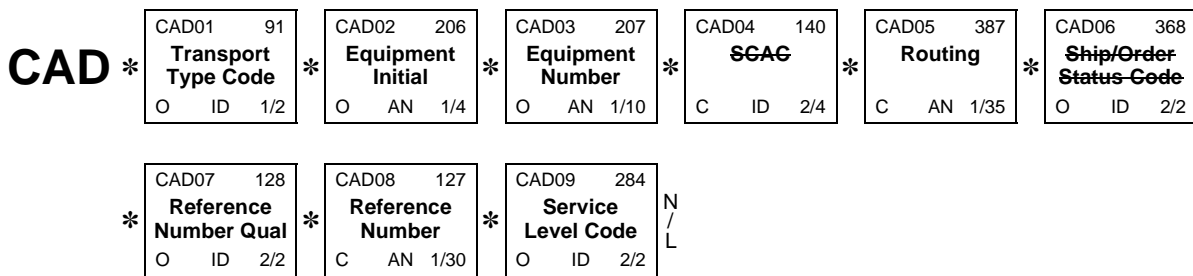


**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax.	M ID 2/2
		<u>CODE</u> <u>DEFINITION</u>	
		CP      County/Parish Sales Tax	
		CS      City Sales Tax	
		CT      County Tax	
		FT      Federal Excise Tax	

		<b>GR</b>	<b>Gross Receipts Tax</b>			
		<b>GS</b>	<b>Goods and Services Tax</b>			
		<b>LO</b>	<b>Local Tax (Not Sales Tax)</b>			
		<b>LS</b>	<b>State and Local Sales Tax</b>			
		<b>LT</b>	<b>Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)</b>			
		<b>MT</b>	<b>Metropolitan Transit Tax</b>			
		<b>SP</b>	<b>State/Provincial Tax</b>			
		<b>ST</b>	<b>State Sales Tax</b> The ST qualifier is to be used to denote the Well Service Tax Code which was approved by the ASC X12 Standards Body after the publication of Version/Release 003030 upon which this industry implementation is based. The new code value, WS - Well Service Tax, became available after the publication of Version/Release 003050.			
		<b>TX</b>	<b>All Taxes</b>			
		<b>ZZ</b>	<b>Mutually Defined</b>			
	<b>TXI02</b>	<b>782</b>	<b>Monetary Amount</b> Monetary amount.	<b>C</b>	<b>R</b>	<b>1/15</b>
	<b>TXI03</b>	<b>954</b>	<b>Percent</b> Percentage expressed as a decimal	<b>C</b>	<b>R</b>	<b>1/10</b>
<b>Not Used</b>	<b>TXI04</b>	<b>955</b>	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code.	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>Not Used</b>	<b>TXI05</b>	<b>956</b>	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction.	<b>C</b>	<b>AN</b>	<b>1/10</b>
	<b>TXI06</b>	<b>441</b>	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax.	<b>C</b>	<b>ID</b>	<b>1/1</b>
			<b>CODE</b>	<b>DEFINITION</b>		
			<b>1</b>	<b>Yes (Tax Exempt)</b>		
			<b>2</b>	<b>No (Not Tax Exempt)</b>		
			<b>7</b>	<b>Direct Pay ID</b> Use these code values to identify the taxability of services related to material items.  For example: Use code = 1 for Federal Offshore Water Properties. Use code = 7 when a direct pay authorization is held by purchaser.		
<b>Not Used</b>	<b>TXI07</b>	<b>662</b>	<b>Price Relationship Code</b> Code indicating the relationship of the price or amount to the associated segment.	<b>O</b>	<b>ID</b>	<b>1/1</b>
<b>Not Used</b>	<b>TXI08</b>	<b>828</b>	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	<b>O</b>	<b>R</b>	<b>1/9</b>

**Segment:** **CAD** Carrier Detail  
**Level:** Summary  
**Loop:** \_\_\_\_\_  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation details for the transaction  
**Syntax:** **1 R0504**  
 At least one of CAD05 or CAD04 is required.  
**2 C0708**  
 If CAD07 is present, then CAD08 is required.



**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CAD01	91	<b>Transportation Method/Type Code</b>	O ID 1/2
		Code specifying the method or type of transportation for the shipment.	
		<b>CODE</b>	<b>DEFINITION</b>
		A	Air
		AE	Air Express
		D	Parcel Post
		E	Expedited Truck
		FL	Motor (Flatbed)
		H	Customer Pickup
		J	Motor
		M	Motor (Common Carrier)
		R	Rail
		S	Ocean
		SR	Supplier Truck
		T	Best Way (Shippers Option)
		U	Private Parcel Service

	<b>CAD02</b>	<b>206</b>	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number.	<b>O AN</b>	<b>1/4</b>
	<b>CAD03</b>	<b>207</b>	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	<b>O AN</b>	<b>1/10</b>
<b>Not Used</b>	<b>CAD04</b>	<b>140</b>	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	<b>C ID</b>	<b>2/4</b>
	<b>CAD05</b>	<b>387</b>	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	<b>C AN</b>	<b>1/35</b>
<b>Not Used</b>	<b>CAD06</b>	<b>368</b>	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.	<b>O ID</b>	<b>2/2</b>
	<b>CAD07</b>	<b>128</b>	<b>Reference Number Qualifier</b> Code qualifying the Reference Number.	<b>O ID</b>	<b>2/2</b>
	<b>CAD08</b>	<b>127</b>	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>C AN</b>	<b>1/30</b>
	<b>CAD09</b>	<b>284</b>	<b>Service Level Code</b> Code defining service	<b>O ID</b>	<b>2/2</b>

**Segment:** **ITA** Allowance, Charge or Service

**Level:** Summary

**Loop:** ITA **Repeat:** 10

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify allowances, charges or services

**Syntax:** **1 L02031314**

If ITA02 is present, then at least one of ITA03, ITA13 or ITA14 are required.

**2 C0809**

If ITA08 is present, then ITA09 is required.

**3 C1011**

If ITA10 is present, then ITA11 is required.

**4 C1502**

If ITA15 is present, then ITA02 is required.

**Semantic:** 1. ITA12 is the quantity of free goods.

**Comments:** **A** If ITA01 = A-Allowance or C-Charge, then at least one of ITA06, ITA07, or ITA08 must be present.

**B** ITA02 identifies the source of the code value in ITA03 or ITA14.

**C** If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.

**D** ITA13 is used to clarify the allowance, charge or service.

**E** ITA15 specifies the individual code list of the agency specified in ITA02.

**F** ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

**Notes:** **The ITA segment appearing in the summary area applies to all line items on the invoice. The use of this segment in the detail area applies to the specific product or line item (IT1 segment) only. The use of the ITA segment in the summary area is exclusive of the use of the ITA segment in the detail area; the ITA segment in the summary area is not the sum of the ITA segments in the detail area.**

**The general approach throughout this transaction set is that positive amounts indicates amounts to be paid by the customer (receiver) to the vendor (sender). Negative numbers will represent amounts credited against the invoice or to the customer's account.**

**For any given Special Charge or Allowance Code (ITA14), ITA14 should appear at either the detail or summary level, but NOT BOTH.**

<b>ITA</b>	*	ITA01 248 <b>Allow/Chrg Indicator</b> M ID 1/1	*	ITA02 559 <b>Agency Qual Code</b> C ID 2/2	*	ITA03 560 <b>Special Serv Code</b> C ID 2/10	*	ITA04 331 <b>Allow/Chrg Handl Code</b> M ID 2/2	*	ITA05 341 <b>Allow/Chrg Number</b> O AN 1/16	*	ITA06 359 <b>Allow/Chrg Rate</b> O R 1/9
	*	ITA07 360 <b>Allow/Chrg Total Amt</b> O N2 1/9	*	ITA08 378 <b>Allow/Chrg % Qualifier</b> O ID 1/1	*	ITA09 332 <b>Allow/Chrg Percent</b> C R 1/6	*	ITA10 339 <b>Allow/Chrg Quantity</b> O R 1/10	*	ITA11 355 <b>Unit/Basis Meas Code</b> C ID 2/2	*	ITA12 380 <b>Quantity</b> O R 1/15
	*	ITA13 352 <b>Description</b> C AN 1/80	*	ITA14 150 <b>Spec Charge /Allow Code</b> C ID 3/3	*	ITA15 822 <b>Source Subqual</b> O AN 1/15	*	ITA16 662 <b>Price Relat Code</b> O ID 1/1	N / L			

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
	<b>ITA01</b>	<b>248 Allowance or Charge Indicator</b>	<b>M ID 1/1</b>
		Code which indicates an allowance or charge for the service specified.	
		CODE	DEFINITION
		<b>A</b>	<b>Allowance</b>
		<b>C</b>	<b>Charge</b>
<b>Not Used</b>	<b>ITA02</b>	<b>559 Agency Qualifier Code</b>	<b>C ID 2/2</b>
		Code identifying the agency assigning the code values.	
<b>Not Used</b>	<b>ITA03</b>	<b>560 Special Services Code</b>	<b>C ID 2/10</b>
		Code identifying the special service.	
	<b>ITA04</b>	<b>331 Allowance or Charge Method of Handling Code</b>	<b>M ID 2/2</b>
		Code indicating method of handling for an allowance or charge.	
		CODE	DEFINITION
		<b>02</b>	<b>Off Invoice</b>
		<b>06</b>	<b>Charge to be Paid by Customer</b>
<b>Not Used</b>	<b>ITA05</b>	<b>341 Allowance or Charge Number</b>	<b>O AN 1/16</b>
		The number assigned by a vendor referencing an allowance, promotion, deal or charge.	
<b>Not Used</b>	<b>ITA06</b>	<b>359 Allowance or Charge Rate</b>	<b>O R 1/9</b>
		Allowance or Charge Rate per Unit.	
	<b>ITA07</b>	<b>360 Allowance or Charge Total Amount</b>	<b>O N2 1/9</b>
		Total dollar amount for the allowance or charge.	
	<b>ITA08</b>	<b>378 Allowance/ Charge Percent Qualifier</b>	<b>O ID 1/1</b>
		Code indicating on what basis allowance or charge percent is calculated.	
	<b>ITA09</b>	<b>332 Allowance or Charge Percent</b>	<b>C R 1/6</b>
		Allowance or charge expressed as a percent.	
	<b>ITA10</b>	<b>339 Allowance or Charge Quantity</b>	<b>O R 1/10</b>
		Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.	

ITA11	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
ITA12	380	<b>Quantity</b> Numeric value of quantity.	O R 1/15
ITA13	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	C AN 1/80
<b>If additional information is available on ITA14, ITA13 should contain that description.</b>			
ITA14	150	<b>Special Charge or Allowance Code</b> Code identifying type of special charge or allowance.	C ID 3/3
		CODE	DEFINITION
		400	Freight
		405	Fuel Surcharge
		690	Special Handling Service
		DSC	Discount
		INC	Insurance Surcharge
		LAE	One-Time License Fee
		RAK	Royalties
ITA15	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier.	O AN 1/15
ITA16	662	<b>Price Relationship Code</b> Code indicating the relationship of the price or amount to the associated segment.	O ID 1/1

**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

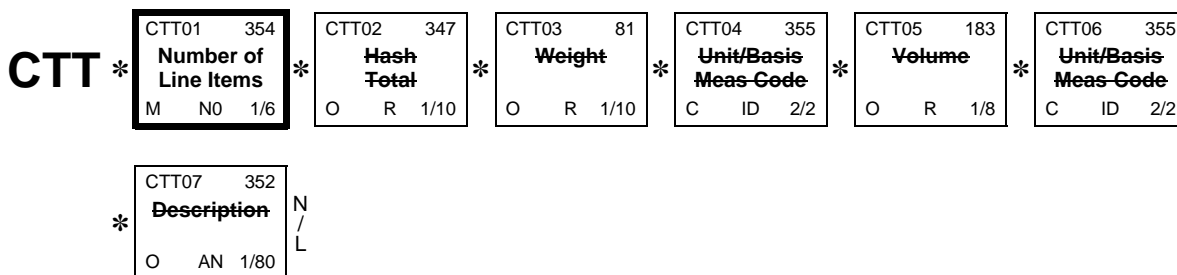
**Trans. Set Notes:** 1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

**Syntax:** 1 C0304  
If CTT03 is present, then CTT04 is required.

2 C0506  
If CTT05 is present, then CTT06 is required.

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

**Notes:** Required by PIDX



**Data Element Summary**

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set.	M NO 1/6
Not Used	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
Not Used	CTT03	81	<b>Weight</b> Numeric value of weight.	O R 1/10
Not Used	CTT04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2

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Not Used	CTT05	183	<b>Volume</b> Value of volumetric measure.	O	R	1/8
Not Used	CTT06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2
Not Used	CTT07	352	<b>Description</b> A free-form description to clarify the related data elements and their content.	O	AN	1/80

**Segment:** **SE** Transaction Set Trailer

**Level:** Summary

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

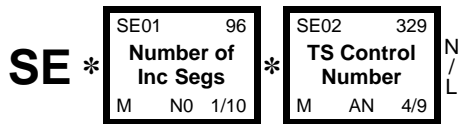
**Usage:** Mandatory

**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.

**Notes:** Required by PIDX



**Data Element Summary**

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Required	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments.	M NO 1/10
Required	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**This must be the same number as is in the ST segment (ST02) for the transaction set.**



# APPENDIX A

## ISO COUNTRY AND CURRENCY CODES

Note: The 2-digit code is the ISO country code  
The 3-digit code is the ISO currency code

Country	Country code	Currency code
AFGHANISTAN	AF	AFA
ALBANIA	AL	ALL
ALGERIA	DZ	DZD
AMERICAN SAMOA	AS	USD
ANDORRA	AD	ESP,FRF
ANGOLA	AO	AOK
ANTARCTICA	AQ	NOK
ANTIGUA	AG	XCD
ARGENTINA	AR	ARP
ARMENIA	AM	RUR
AUSTRALIA	AU	AUD
AUSTRIA	AT	ATS
AZERBAIJAN	AZ	RUR
BAHAMAS	Bs	BSD
BAHREIN	BH	BHD
BANGLADESH	BD	BDT
BARBADOS	BB	BBD
BELARUS	BY	RUR
BELGIUM	BE	BEF
BELIZE	BZ	BZD
BENIN	BJ	XOF
BERMUDA	BM	BMD
BHUTAN	BT	INR
BOLIVIA	BO	BOP
BOSNIA AND HERZEGOVINA	BA	*
BOTSWANA	BW	BWP
BOUVET ISLAND	BV	NOK
BRAZIL	BR	BRC
BRITISH INDIAN OCEAN TERRITORY	IO	MUR,SCR
BRITISH VIRGIN ISLANDS	VG	USD
BRUNEI	BN	BND

<u>Country</u>	<u>Country code</u>	<u>Currency code</u>
BULGARIA	BG	BGL
BURMA	BU	BUK
BURUNDI	BI	BIF
CAMEROON	CM	XAF
CANADA	CA	CAD
CANTON AND ENDESBURY ISLANDS	CT	GBP,USD
CAPE VERDE ISLANDS	CV	CVE
CAYMAN ISLANDS	KY	KYD
CENTRAL AFRICAN EMPIRE	CF	XAF
CHAD	TD	XAF
CHILE	CL	CLP
CHINA	CN	CNY
CHRISTMAS ISLAND	CX	AUD
COCOS (KEELING) ISLANDS	CC	AUD
COLOMBIA	CO	COP
COMOROS	KM	KMF
CONGO	CG	XAF
COOK ISLANDS	CK	NZD
COSTA RICA	CR	CRC
CROATIA	HR	*
CUBA	CU	CUP
CYPRUS	CY	CYP
CZECHOSLOVAKIA	CS	CSK
DAHOMY	DY	*
DENMARK	DK	DKK
DJIBOUTI	DJ	DJF
DOMINICA	DM	XCD
DOMINICAN REPUBLIC	DO	DOP
DROMMING MAUD LAND	NQ	NOK
ECUADOR	EC	ECS
EGYPT	EG	EGP
EL SALVADOR	SV	SVC
EQUATORIAL GUINEA	GQ	GQE
ESTONIA	EE	*
ETHIOPIA	ET	ETB
FAEROE ISLANDS	FO	DKK
FALKLAND ISLANDS (MALVINAS)	FK	FKP

<u>Country</u>	<u>Country code</u>	<u>Currency code</u>
FIJI	FJ	FJD
FINLAND	FI	FIM
FRANCE	FR	FRF
FRENCH GUIANA	GF	FRF
FRENCH POLYNESIA	PF	XPF
FRENCH SOUTH. & ANTARCTIC TERRITORY	FQ	FRF
GABON	GA	XAF
GAMBIA	GM	GMD
GEORGIA	GE	RUR
GERMANY	DE	DEM
GHANA	GH	GHC
GIBRALTAR	GI	GIP
GILBERT ISLANDS	GE	AUD
GREECE	GR	GRD
GREENLAND	GL	DKK
GRENADA	GD	XCD
GUADELOUPE	GP	FRF
GUAM	GU	USD
GUATAMALA	GT	GTQ
GUINEA	GN	GNS
GUINEA BISSAU	GW	GWE
GUYANA	GY	GYD
HAITI	HT	HTG,USD
HEARD AND MCDONALD ISLANDS	HM	AUD
HONDURAS	HN	HNL
HONG KONG	HK	HKD
HUNGARY	HU	HUF
ICELAND	IS	ISK
INDIA	IN	INR
INDONESIA	ID	IDR
IRAN	IR	IRR
IRAQ	IQ	IQD
IRELAND	IE	IEP
ISRAEL	IL	ILP
ITALY	IT	ITL
IVORY COAST	CI	XOF
JAMAICA	JM	JMD

<u>Country</u>	<u>Country code</u>	<u>Currency code</u>
JAPAN	JP	JPY
JOHNSTON ISLAND	JT	USD
JORDAN	JO	JOD
KAMPUCHEA (CAMBODIA)	KH	KHR
KAZAKHSTAN	KZ	RUR
KENYA	KE	KES
KIRIBATI	KI	*
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	KP	KPW
KOREA, REPUBLIC OF	KR	KRW
KUWAIT	KW	KWD
KYRGYZSTAN	KG	*
LAO, PEOPLE'S DEMOCRATIC REPUBLIC	LA	LAK
LATVIA	LV	*
LEBANON	LB	LBP
LESOTHO	LS	ZAR
LIBERIA	LR	LRD
LIBYAN ARAB JAMAHIRIYA	LY	LYD
LIECHTENSTEIN	LI	CHF
LITHUANIA	LT	*
LUXEMBOURG	LU	LUF
MACAU	MO	MOP
MADAGASCAR	MG	MGF
MALAWI	MW	MWK
MALAYSIA	MY	MYR
MALDIVES	MV	MVR
MALI	ML	MLF
MALTA	MT	MTP
MARTINIQUE	MQ	FRF
MAURITANIA	MR	MRO
MAURITIUS	MU	MUR
MEXICO	MX	MXP
MIDWAY ISLANDS	MI	USD
MOLDOVA, REP. OF	MD	*
MONACO	MC	FRF
MONGOLIA	MN	MNT
MONTSERRAT	MS	XCD

<u>Country</u>	<u>Country code</u>	<u>Currency code</u>
MOROCCO	MA	MAD
MOZAMBIQUE	MZ	MZE
NAMIBIA	NA	ZAR
NAURU	NR	AUD
NEPAL	NP	NPR
NETHERLANDS	NL	NLG
NETHERLANDS ANTILLES	AN	ANG
NEUTRAL ZONE	NT	SAR,KWD,IQD
NEW CALEDONIA	NC	XPF
NEW HEBRIDES	NH	NHF
NEW ZEALAND	NZ	NZD
NICARAGUA	NI	NIC
NIGER	NE	XOF
NIGERIA	NG	NGN
NIUE	NU	NZD
NORFOLK ISLAND	NF	AUD
NORWAY	NO	NOR
OMAN	OM	OMR
PACIFIC ISLANDS TRUST TERRITORY	PC	USD
PAKISTAN	PK	PKR
PANAMA	PA	PAB,USD
PANAMA CANAL ZONE	PZ	USD
PAPUA NEW GUINEA	PG	PGK
PARAGUAY	PY	PYG
PERU	PE	PES
PHILIPPINES	PH	PHP
PITCAIRN ISLAND	PN	NZD
POLAND	PL	PLZ
PORTUGAL	PT	PTE
PUERTO RICO	PR	USD
QATAR	QA	QAR
REUNION	RE	FRF
ROMANIA	RO	ROL
RUSSIAN FEDERATION	RU	RUR
RWANDA	RW	RWF
ST. HELENA	SH	SHP
ST. KITTS-NEVIS-ANGUILLA	KN	XCD

<u>Country</u>	<u>Country code</u>	<u>Currency code</u>
ST. LUCIA	LC	XCD
ST. PIERRE ET MIQUELON	PM	FRF
ST. VINCENT	VC	XCD
SAMOA	WS	WST
SAN MARINO	SM	ITL
SAO TOME AND PRINCIPE	ST	GWE
SAUDI ARABIA	SA	SAR
SENEGAL	SN	XOF
SEYCHELLES	SC	SCR
SIERRA LEONE	SL	SLL
SINGAPORE	SG	SGD
SLOVENIA	SI	*
SOLOMON ISLANDS	SB	SBD
SOMALIA	SO	SOS
SOUTH AFRICA	ZA	ZAR
SPAIN	ES	ESP
SRI LANKA	LK	LKR
SUDAN	SD	SDP
SURINAM	SR	SRG
SVALBARD AND JAN MAYEN ISLANDS	SJ	NOK
SWAZILAND	SZ	SZL
SWEDEN	SE	SEK
SWITZERLAND	CH	CHF
SYRIAN ARAB REPUBLIC	SY	SYP
TAIWAN, PROVINCE OF CHINA	TW	TWD
TANZANIA, UNITED REPUBLIC OF	TZ	TZS
TAJIKISTAN	TJ	RUR
THAILAND	TH	THB
TOGO	TG	XOF
TOKELAU	TK	NZD
TONGA	TO	TOP
TRINIDAD AND TOBAGO	TT	TTD
TUNESIA	TN	TND
TURKEY	TR	TRL
TURKMENISTAN	TM	RUR
TURKS AND CAICOS ISLANDS	TC	USD
TUVALU	TV	AUD

<u>Country</u>	<u>Country code</u>	<u>Currency code</u>
UGANDA	UG	UGS
UKRAINE	UA	RUR
UNITED ARAB EMIRATE	AE	AED
UNITED KINGDOM	GB	GBP
UNITED STATES	US	USD
UPPER VOLTA	HV	XOF
URUGAY	UY	UYP
U.S. MISCELLANEOUS PACIFIC ISLANDS	PU	USD
U.S. VIRGIN ISLANDS	VI	USD
UZBEKISTAN	UZ	RUR
VANUATU	VU	*
VATICAN CITY STATE (HOLY SEE)	VA	ITL
VENEZUELA	VE	VEB
VIET NAM	VN	*
WAKE ISLAND	WK	USD
WALLIS AND FUTUNA ISLANDS	WF	XPF
WESTERN SAHARA	EH	ESP,MRO,MAD
YEMEN	YE	YER
YEMEN, DEMOCRATIC	YD	YDD
YUGOSLAVIA	YU	YUD
ZAIRE	ZR	ZRZ
ZAMBA	ZM	ZMK
ZIMBABWE	ZW	ZWD

\*Currency code unknown



## 5 Countries, Currencies and Funds

### SIMPLE DATA ELEMENT/CODE REFERENCES

235/CH, 26, 100

### SOURCE

Codes for Representation of Names of Countries, ISO 3166-(Latest Release)  
Codes for Representation of Currencies and Funds, ISO 4217-(Latest Release)

### AVAILABLE FROM

American National Standards Institute  
11 West 42nd Street, 13th Floor  
New York, NY 10036

### ABSTRACT

This international standard provides a two-letter alphabetic code for representing the names of countries, dependencies, and other areas of special geopolitical interest for purposes of international exchange and general directions for the maintenance of the code. The standard is intended for use in any application requiring expression of entities in coded form. Most currencies are those of the geopolitical entities that are listed in ISO 3166, Codes for the Representation of Names of Countries. The code may be a three-character alphabetic or three-digit numeric. The two leftmost characters of the alphabetic code identify the currency authority to which the code is assigned (using the two character alphabetic code from ISO 3166, if applicable). The rightmost character is a mnemonic derived from the name of the major currency unit or fund. For currencies not associated with a single geographic entity, a specially-allocated two-character alphabetic code, in the range XA to XZ identifies the currency authority. The rightmost character is derived from the name of the geographic area concerned, and is mnemonic to the extent possible. The numeric codes are identical to those assigned to the geographic entities listed in ISO 3166. The range 950-998 is reserved for identification of funds and currencies not associated with a single entity listed in ISO 3166.

## 22 States and Outlying Areas of the U.S.

### SIMPLE DATA ELEMENT/CODE REFERENCES

66/SJ, 771/009, 235/A5, 156

### SOURCE

National Zip Code and Post Office Directory

### AVAILABLE FROM

U.S. Postal Service  
National Information Data Center  
P.O. Box 2977  
Washington, DC 20013

### ABSTRACT

Provides names, abbreviations, and codes for the 50 states, the District of Columbia, and the outlying areas of the U.S. The entities listed are considered to be the first order divisions of the U.S.

Microfiche available from NTIS (same as address above).

The Canadian Post Office lists the following as "official" codes for Canadian Provinces:

AB - Alberta  
BC - British Columbia  
MB - Manitoba  
NB - New Brunswick  
NF - Newfoundland  
NS - Nova Scotia  
NT - North West Territories  
ON - Ontario  
PE - Prince Edward Island  
PQ - Quebec  
SK - Saskatchewan  
YT - Yukon

## 51 ZIP Code

### SIMPLE DATA ELEMENT/CODE REFERENCES

66/16, 309/PQ, 309/PR, 309/PS, 771/010, 116

### SOURCE

National ZIP Code and Post Office Directory, Publication 65

The USPS Domestic Mail Manual

### AVAILABLE FROM

U.S. Postal Service  
Washington, DC 20260

New Orders  
Superintendent of Documents  
P.O. Box 371954  
Pittsburgh, PA 15250-7954

### ABSTRACT

The ZIP Code is a geographic identifier of areas within the United States and its territories for purposes of expediting mail distribution by the U.S. Postal Service. It is five or nine numeric digits. The ZIP Code structure divides the U.S. into ten large groups of states. The leftmost digit identifies one of these groups. The next two digits identify a smaller geographic area within the large group. The two rightmost digits identify a local delivery area. In the nine-digit ZIP Code, the four digits that follow the hyphen further subdivide the delivery area. The two leftmost digits identify a sector which may consist of several large buildings, blocks or groups of streets. The rightmost digits divide the sector into segments such as a street, a block, a floor of a building, or a cluster of mailboxes.

The USPS Domestic Mail Manual includes information on the use of the new 11-digit zip code.

**61** | **Council of Petroleum Accountants Societies**

**SIMPLE DATA ELEMENT/CODE REFERENCES**

66/22, 235/CQ, 235/CS, 781

**SOURCE**

Computerized Equipment Pricing System (CEPS)

**AVAILABLE FROM**

Council of Petroleum Accountants Societies

CEPS Control Panel

P.O. Box 12131

Dallas, TX 75225

**ABSTRACT**

Pricing database of oil field equipment and tubular goods used by joint operators in the petroleum industry.

