

832 Price/Sales Catalog

FUNCTIONAL GROUP ID = **SC**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Price Sales Catalog Transaction Set (832) 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 furnishing or requesting the price of goods or services in the form of a catalog.

Header

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
3	010	ST	Transaction Set Header	M	1	
4	020	BCT	Beginning Segment for Price/Sales Catalog	M	1	
Not Used	030	NTE	Note/Special Instruction	F	100	
Not Used	040	CTP	Pricing Information	O	100	
5	050	REF	Reference Numbers	O	12	
6	060	PER	Administrative Communications Contact	O	3	
8	070	DTM	Date/Time Reference	O	10	
Not Used	080	CTB	Restrictions/ Conditions	O	25	
9	090	CUR	Currency	O	5	
11	100	SSS	Special Services	O	25	
12	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
14	120	LDT	Lead Time	O	>1	
15	130	ITA	Allowance, Charge or Service	O	5	
17	140	FOB	F.O.B. Related Instructions	O	1	
19	150	N1	Name	O	1	200
Not Used	160	N2	Additional Name Information	O	2	
Not Used	170	N3	Address Information	O	2	
Not Used	180	N4	Geographic Location	O	1	
Not Used	190	REF	Reference Numbers	O	12	
Not Used	200	PER	Administrative Communications Contact	O	3	
Not Used	201	DTM	Date/Time Reference	O	10	

Detail

20	010	LIN	Item Identification	O	1	700000
23	020	SLN	Subline Item Detail	O	100	
26	030	DTM	Date/Time Reference	O	10	
27	040	REF	Reference Numbers	O	12	
Not Used	050	PER	Administrative Communications Contact	O	3	
Not Used	060	CTB	Restrictions/ Conditions	O	25	

28	070	PID	Product/Item Description	O	200	
Not Used	080	MEA	Measurements	O	40	
Not Used	090	PKG	Marking, Packaging, Loading	O	25	
30	100	PO4	Item Physical Details	O	1	
Not Used	110	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	1	
32	120	SSS	Special Services	O	25	
33	130	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
35	140	LDT	Lead Time	O	1	
36	150	ITA	Allowance, Charge or Service	O	5	
38	160	FOB	F.O.B. Related Instructions	O	1	
Not Used	165	TC2	Commodity	O	2	
40	170	CTP	Pricing Information	O	1	100
Not Used	180	DTM	Date/Time Reference	O	10	
Not Used	190	LDT	Lead Time	O	1	
Not Used	200	CUR	Currency	O	5	
Not Used	210	PO4	Item Physical Details	O	1	
Not Used	220	CTB	Restrictions/ Conditions	O	5	
Not Used	225	REF	Reference Numbers	O	>1	
42	230	N1	Name	O	1	200
Not Used	240	N2	Additional Name Information	O	2	
Not Used	250	N3	Address Information	O	2	
Not Used	260	N4	Geographic Location	O	1	
Not Used	270	REF	Reference Numbers	O	12	
Not Used	280	PER	Administrative Communications Contact	O	3	
Not Used	281	DTM	Date/Time Reference	O	10	
Not Used	285	PKL	Multi-Pack Configuration	O	1	10
Not Used	290	CTP	Pricing Information	O	1	

Summary

43	010	CTT	Transaction Totals	M	1	
45	020	SE	Transaction Set Trailer	M	1	

Segment: **ST** Transaction Set Header
Level: Header
Loop: ____
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
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
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set.	M ID 3/3
		832 X12.13 Price/Sales Catalog	
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The transaction set control number assigned by the originator is sequentially assigned within each functional group. The same control number will also appear in the SE segment (SE02) in the summary area for the transaction set.	M AN 4/9

Segment: **BCT** Beginning Segment for Price/Sales Catalog
Level: Header
Loop: ____
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the price/sales catalog transaction set and to specify catalog purpose and number information.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
BCT01	683	Catalog Purpose Code Code indicating purpose of catalog. PC Price Catalog SC Sales Catalog	M ID 2/2
BCT02	684	Catalog Number Identifying number for catalog or superseded catalog. Required by PIDX Primary catalog number as agreed upon between buyer and seller.	O AN 1/15
BCT03	685	Catalog Version Number Identifying version number of catalog or superseded catalog.	O AN 1/15
BCT04	686	Catalog Revision Number Identifying revision number of catalog or superseded catalog.	O AN 1/6
BCT05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Not Used by PIDX	O ID 2/2
BCT06	684	Catalog Number Identifying number for catalog or superseded catalog. Alternate catalog number as agreed upon between buyer and seller.	O AN 1/15
BCT07	685	Catalog Version Number Identifying version number of catalog or superseded catalog.	O AN 1/15
BCT08	686	Catalog Revision Number Identifying revision number of catalog or superseded catalog.	O AN 1/6
BCT09	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80
BCT10	353	Transaction Set Purpose Code Code identifying purpose of transaction set. Recommended by PIDX 00 Original 01 Cancellation 02 Add 03 Delete 04 Change	O ID 2/2

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: When used at the Header level, the REF is the default value for the entire Price File and any exceptions will be noted 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
		CT Contract Number	
		P4 Project Code	
		PA Price Area Number	
		PR Price Quote Number	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30
		Required by PIDX	
REF03	352	Description A free-form description to clarify the related data elements and their content.	C AN 1/80

Segment: PER Administrative Communications Contact
Level: Header
Loop: ____
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax: 1 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
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named.	M ID 2/2
		BD Buyer Name or Department	
		SU Supplier Contact	
PER02	93	Name Free-form name.	O AN 1/35
		Recommended by PIDX	
PER03	365	Communication Number Qualifier Code identifying the type of communication number.	C ID 2/2
		ED Electronic Data Interchange Access Number "ED" Qualifier is used pending the approval of a new qualifier for Employee ID code.	
		EM Electronic Mail	
		FX Facsimile	
		TE Telephone	
		TL Telex	
PER04	364	Communication Number Complete communications number including country or area code when applicable.	C AN 1/25
PER05	365	Communication Number Qualifier Code identifying the type of communication number.	C ID 2/2
		ED Electronic Data Interchange Access Number "ED" Qualifier is used pending the approval of a new qualifier for Employee ID code.	
		EM Electronic Mail	
		FX Facsimile	
		TE Telephone	
		TL Telex	

PER06 364 Communication Number C AN 1/25
Complete communications number including country or area code when applicable.

FINAL

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: Recommended by PIDX

When used at the Header level, the DTM is the default value for the entire Price File and any exception will be noted at the Detail level.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	M ID 3/3
		007 Effective	
		036 Expiration	
DTM02	373	Date Date (YYMMDD).	C DT 6/6
		Required by PIDX	
DTM03	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	C TM 4/6
		Not Used by PIDX	
DTM04	623	Time Code 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
		Not Used by PIDX	
DTM05	624	Century The first two characters in the designation of the year (CCYY).	O NO 2/2

Segment: **CUR** Currency
Level: Header
Loop: _____
Usage: Optional
Max Use: 5
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.

Data Element Summary

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

CUR09	337	Time	O TM 4/6 Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)
CUR10	374	Date/Time Qualifier	C ID 3/3 Code specifying type of date or time, or both date and time.
CUR11	373	Date	O DT 6/6 Date (YYMMDD).
CUR12	337	Time	O TM 4/6 Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)
CUR13	374	Date/Time Qualifier	C ID 3/3 Code specifying type of date or time, or both date and time.
CUR14	373	Date	O DT 6/6 Date (YYMMDD).
CUR15	337	Time	O TM 4/6 Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)
CUR16	374	Date/Time Qualifier	C ID 3/3 Code specifying type of date or time, or both date and time.
CUR17	373	Date	O DT 6/6 Date (YYMMDD).
CUR18	337	Time	O TM 4/6 Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)
CUR19	374	Date/Time Qualifier	C ID 3/3 Code specifying type of date or time, or both date and time.
CUR20	373	Date	O DT 6/6 Date (YYMMDD).
CUR21	337	Time	O TM 4/6 Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Segment: **SSS** Special Services
Level: Header
Loop: ____
Usage: Optional
Max Use: 25
Purpose: To specify special conditions or services associated with the purchased product
Comments: **A** SSS02 identifies the source of the code value in SSS03.
B SSS07 (Description) is normally used to clarify/expand on the services to be provided.
C SSS09 specifies the individual code list of the agency specified in SSS02.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SSS01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified.	M ID 1/1
SSS02	559	Agency Qualifier Code Code identifying the agency assigning the code values.	M ID 2/2
SSS03	560	Special Services Code Code identifying the special service.	M ID 2/10
SSS04	561	Service Marks and Numbers Data used to identify the performance of the service specified by Special Services Code (560).	O AN 1/45
SSS05	359	Allowance or Charge Rate Allowance or Charge Rate per Unit.	O R 1/9
SSS06	360	Allowance or Charge Total Amount Total dollar amount for the allowance or charge.	O N2 1/9
SSS07	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80
SSS08	380	Quantity Numeric value of quantity.	O R 1/15
SSS09	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN 1/15

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Level: Header
Loop: ____
Usage: Optional
Max Use: 2
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" is payment discount, not pricing discount. A payment discount is the discount used as part of the terms and conditions of the order, such as 2/10/net30 where a 2% discount can be taken of the payment is made within 10 days. A pricing discount is a discount taken off the list price; if an item was priced at \$10 and there was a 15% price discount, you would be paying \$8.50.
 When used at the Header level, the ITD is the default value for the entire Price File. Any exceptions will be noted at the Detail level.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	Terms Type Code Code identifying type of payment terms. 01 Basic 09 Proximo 12 10 Days After End of Month (10 EOM)	O ID 2/2
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period. Required by PIDX 2 Delivery Date	O ID 1/2

		3 Invoice Date		
		5 Invoice Receipt Date		
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. Must be greater than zero when used.	O R	1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned. Not Used by PIDX	C DT	6/6
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned. If ITD03 is sent, ITD05 is required.	C N0	1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due. Not Used by PIDX	O DT	6/6
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable).	O N0	1/3
ITD08	362	Terms Discount Amount Total amount of terms discount. Not Used by PIDX	O N2	1/10
ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due. Not Used by PIDX	O DT	6/6
ITD10	389	Deferred Amount Due Deferred amount due for payment.	C N2	1/10
ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent.	C R	1/5
ITD12	352	Description A free-form description to clarify the related data elements and their content. ITD10 - ITD12 are to be used for any special terms; ie. Retainage.	O AN	1/80
ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced.	C N0	1/2
ITD14	107	Payment Method Code Code identifying type of payment procedures. Not Used by PIDX	O ID	1/1
ITD15	954	Percent Percentage expressed as a decimal Not Used by PIDX	O R	1/10

Segment: LDT Lead Time
Level: Header
Loop: _____
Usage: Optional
Max Use: >1
Purpose: To specify lead time for availability of products and services.
Semantic: 1 LDT04 is the effective date of lead time information.
Notes: **When used at the Header level, the LDT is the default value for the entire Price File. Any exceptions will be noted at the Detail level.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
LDT01	345	Lead Time Code Code indicating the time range. AE From date of PO receipt to shipment. AF From date of PO receipt to delivery.	M ID 2/2
LDT02	380	Quantity Numeric value of quantity.	M R 1/15
LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval DA Calendar Days DW Work Days HR Hours	M ID 2/2
LDT04	373	Date Date (YYMMDD). Not Used by PIDX	O DT 6/6

Segment: **ITA** Allowance, Charge or Service
Level: Header
Loop: ____
Usage: Optional
Max Use: 5
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: **When used at the Header level, the ITA is the default value for the entire Price File and any exception will be noted at the Detail level.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified.	M ID 1/1
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values.	C ID 2/2
ITA03	560	Special Services Code Code identifying the special service.	C ID 2/10
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge.	M ID 2/2
ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge.	O AN 1/16

ITA06 359 **Allowance or Charge Rate** O R 1/9
 Allowance or Charge Rate per Unit.
 ITA07 360 **Allowance or Charge Total Amount** O N2 1/9
 Total dollar amount for the allowance or charge.
 ITA08 378 **Allowance/ Charge Percent Qualifier** O ID 1/1
 Code indicating on what basis allowance or charge percent is calculated.
 ITA09 332 **Allowance or Charge Percent** C R 1/6
 Allowance or charge expressed as a percent.
 ITA10 339 **Allowance or Charge Quantity** O R 1/10
 Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.
 ITA11 355 **Unit or Basis for Measurement Code** C ID 2/2
 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
 ITA12 380 **Quantity** O R 1/15
 Numeric value of quantity.
 ITA13 352 **Description** C AN 1/80
 A free-form description to clarify the related data elements and their content.
 ITA14 150 **Special Charge or Allowance Code** C ID 3/3
 Code identifying type of special charge or allowance.
 ITA15 822 **Source Subqualifier** O AN 1/15
 A reference that indicates the table or text maintained by the Source Qualifier.
 ITA16 662 **Price Relationship Code** O ID 1/1
 Code indicating the relationship of the price or amount to the associated segment.

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.
Notes: When used at the Header level, the FOB is the default value for the entire Price File. Any exceptions will be noted at the Detail level.

Data Element Summary

REF. DIS.	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges.	M ID 2/2
		CC Collect	
		CF Collect, Freight Credited Back to Customer	
		NC Service Freight, No Charge	
		PB Customer Pick-up/Backhaul	
		PC Prepaid but Charged to Customer	
		PP Prepaid (by Seller)	
		PU Pickup	
		TP Third Party Pay	
FOB02	309	Location Qualifier Code identifying type of location. Transportation responsibility location.	C ID 1/2
		DE Destination (Shipping)	

		FE Freight Equalization Point	
		OA Origin (After Loading on Equipment)	
		OR Origin (Shipping Point)	
		OV On Vessel (Free On Board [FOB] point)	
		PL Plant	
		WH Warehouse	
FOB03	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB04	334	Transportation Terms Qualifier Code Code identifying the source of the transportation terms.	O ID 2/2
		Not Used by PIDX	
FOB05	335	Transportation Terms Code Code identifying the trade terms which apply to the shipment transportation responsibility.	C ID 3/3
		Not Used by PIDX	
FOB06	309	Location Qualifier Code identifying type of location. Title passage location	C ID 1/2
		DE Destination (Shipping)	
		FE Freight Equalization Point	
		OA Origin (After Loading on Equipment)	
		OR Origin (Shipping Point)	
		OV On Vessel (Free On Board [FOB] point)	
		PL Plant	
		WH Warehouse	
FOB07	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80
FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes.	O ID 2/2
		Not Used by PIDX	
FOB09	352	Description A free-form description to clarify the related data elements and their content.	C AN 1/80
		Not Used by PIDX	

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.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		BY Buying Party (Purchaser)	
		MF Manufacturer of Goods	
		SE Selling Party	
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).	
		Required by PIDX	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		91 Assigned by Seller or Seller's Agent	
		92 Assigned by Buyer or Buyer's Agent	
N104	67	Identification Code	C AN 2/17
		Code identifying a party or other code.	
		Required by PIDX	

Segment: **LIN** Item Identification
Level: Detail
Loop: LIN **Repeat:** 700000
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data.
Syntax: 1 **C0405**
 If LIN04 is present, then LIN05 is required.
 2 **C0607**
 If LIN06 is present, then LIN07 is required.
 3 **C0809**
 If LIN08 is present, then LIN09 is required.
 4 **C1011**
 If LIN10 is present, then LIN11 is required.
 5 **C1213**
 If LIN12 is present, then LIN13 is required.
 6 **C1415**
 If LIN14 is present, then LIN15 is required.
 7 **C1617**
 If LIN16 is present, then LIN17 is required.
 8 **C1819**
 If LIN18 is present, then LIN19 is required.
 9 **C2021**
 If LIN20 is present, then LIN21 is required.
 10 **C2223**
 If LIN22 is present, then LIN23 is required.
 11 **C2425**
 If LIN24 is present, then LIN25 is required.
 12 **C2627**
 If LIN26 is present, then LIN27 is required.
 13 **C2829**
 If LIN28 is present, then LIN29 is required.
 14 **C3031**
 If LIN30 is present, then LIN31 is required.

Semantic: 1 LIN01 is the line item identification
Comments: A See the Data Dictionary for a complete list of ID's.
 B LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: Recommended by PIDX

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.	O AN 1/11
LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	M ID 2/2
		CB Buyer's Catalog Number	
		CG Commodity Grouping This "CG" qualifier is to be used pending the approval of a new qualifier for Common Codes, "WC" is proposed.	
		MG Manufacturer's Part Number	
		VN Vendor's (Seller's) Item Number	
LIN03	234	Product/Service ID Identifying number for a product or service.	M AN 1/30
LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN05	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN07	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN09	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN11	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN13	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN15	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN17	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2

LIN19	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN21	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN23	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN25	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN27	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN28	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN29	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
LIN31	234	Product/Service ID Identifying number for a product or service.	C AN 1/30

Segment: **SLN** Subline Item Detail
Level: Detail
Loop: LIN
Usage: Optional
Max Use: 100
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.

Data Element Summary

REF. DIS.	DATA ELEMENT	NAME	ATTRIBUTES
SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.	M AN 1/11
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.	O AN 1/11
Not Used by PIDX			
SLN03	661	Configuration Code Code indicating the relationship of the subline item to the baseline item.	M ID 1/1
I Included			
SLN04	380	Quantity Numeric value of quantity.	M R 1/15
SLN05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	C R 1/14
Required by PIDX			
SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item.	O ID 2/2
Not Used by PIDX			
SLN08	662	Price Relationship Code Code indicating the relationship of the price or amount to the associated segment.	O ID 1/1
Not Used by PIDX			
SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
Required by PIDX			
SLN10 through SLN28 provide for ten (10) different Product/Services ID's for each item. For example: Case, Color, Drawing No., UPC No., Model No., SKU.			
SLN10	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
Required by PIDX			
SLN11	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN12	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
SLN13	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2
SLN14	234	Product/Service ID Identifying number for a product or service.	C AN 1/30
SLN15	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O ID 2/2

SLN16	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
SLN17	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
SLN18	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
SLN19	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
SLN20	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
SLN21	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
SLN22	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
SLN23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
SLN24	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
SLN25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
SLN26	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
SLN27	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
SLN28	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30

Segment: DTM Date/Time Reference
Level: Detail
Loop: LIN
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: When used at the Header level, the DTM is the default value for the entire Price File. Any exceptions will be noted at the Detail level.

Data Element Summary

REF. DISL.	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time. 007 Effective 036 Expiration	M ID 3/3
DTM02	373	Date Date (YYMMDD). Required by PIDX	C DT 6/6
DTM03	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959) Not Used by PIDX	C TM 4/6
DTM04	623	Time Code 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. Not Used by PIDX	O ID 2/2
DTM05	624	Century The first two characters in the designation of the year (CCYY).	O NO 2/2

Segment: REF Reference Numbers
Level: Detail
Loop: LIN
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax: 1 R0203
 At least one of REF02 or REF03 is required.

Notes: When used at the Header level, the REF is the default value for the entire Price File and any exceptions will be noted at the Detail level.

Data Element Summary

REF. DIS.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		CT Contract Number	
		P4 Project Code	
		PA Price Area Number	
		PR Price Quote Number	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30
		Required by PIDX	
REF03	352	Description A free-form description to clarify the related data elements and their content.	C AN 1/80
		Used only if different Header level.	

Segment: PID Product/Item Description
Level: Detail
Loop: LIN
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.

Data Element Summary

REF. DIS.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	Item Description Type Code indicating the format of a description.	M ID 1/1
		F Free-form	
PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
		Not Used by PIDX	
PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values.	C ID 2/2
		Not Used by PIDX	

PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic.	C AN 1/12
Not Used by PIDX			
PID05	352	Description A free-form description to clarify the related data elements and their content.	C AN 1/80
Recommended by PIDX			
PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described.	O ID 2/2
Not Used by PIDX			
PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN 1/15
Not Used by PIDX			
PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response.	O ID 1/1
Not Used by PIDX			

FINAL

Segment: PO4 Item Physical Details
Level: Detail
Loop: LIN
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights and dimensions relating to the item.

- Syntax:**
- 1 C0203
If PO402 is present, then PO403 is required.
 - 2 C0506
If PO405 is present, then PO406 is required.
 - 3 C0607
If PO406 is present, then PO407 is required.
 - 4 P0809
If either PO408 or PO409 is present, then the other is required.
 - 5 C1013
If PO410 is present, then PO413 is required.
 - 6 C1113
If PO411 is present, then PO413 is required.
 - 7 C1213
If PO412 is present, then PO413 is required.
 - 8 L13101112
If PO413 is present, then at least one of PO410, PO411 or PO412 are required.

Comments:

- A** PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
- B** PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PO401	356	Pack Number of inner pack units per outer pack unit.	O NO 1/6
PO402	357	Size Size of supplier units in pack.	O R 1/8
PO403	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
PO404	103	Packaging Code Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O AN 5/5

PO405	187	Weight Qualifier Code defining the type of weight.	O ID	1/2
PO406	384	Gross Weight per Pack Numeric value of gross weight per pack.	C R	1/9
PO407	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID	2/2
PO408	385	Gross Volume per Pack Numeric value of gross volume per pack.	C R	1/9
PO409	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID	2/2
PO410	82	Length Largest horizontal dimension of an object measured when the object is in the upright position.	O R	1/8
PO411	189	Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position.	O R	1/8
PO412	65	Height Vertical dimension of an object measured when the object is in the upright position.	O R	1/8
PO413	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID	2/2

FINAL

Segment: **SSS** Special Services
Level: Detail
Loop: LIN
Usage: Optional
Max Use: 25
Purpose: To specify special conditions or services associated with the purchased product
Comments: **A** SSS02 identifies the source of the code value in SSS03.
B SSS07 (Description) is normally used to clarify/expand on the services to be provided.
C SSS09 specifies the individual code list of the agency specified in SSS02.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SSS01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified.	M ID 1/1
SSS02	559	Agency Qualifier Code Code identifying the agency assigning the code values.	M ID 2/2
SSS03	560	Special Services Code Code identifying the special service.	M ID 2/10
SSS04	561	Service Marks and Numbers Data used to identify the performance of the service specified by Special Services Code (560).	O AN 1/45
SSS05	359	Allowance or Charge Rate Allowance or Charge Rate per Unit.	O R 1/9
SSS06	360	Allowance or Charge Total Amount Total dollar amount for the allowance or charge.	O N2 1/9
SSS07	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80
SSS08	380	Quantity Numeric value of quantity.	O R 1/15
SSS09	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN 1/15

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Level: Detail
Loop: LIN
Usage: Optional
Max Use: 2
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" is payment discount, not pricing discount. A payment discount is the discount used as part of the terms and conditions of the order, such as 2/10/net30 where a 2% discount can be taken of the payment is made within 10 days. A pricing discount is a discount taken off the list price; if an item was priced at \$10 and there was a 15% price discount, you would be paying \$8.50.

Overrides header when used.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	Terms Type Code Code identifying type of payment terms.	O ID 2/2
		01 Basic	
		09 Proximo	
		12 10 Days After End of Month (10 EOM)	
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period.	O ID 1/2
		Required by PIDX	
		2 Delivery Date	
		3 Invoice Date	
		5 Invoice Receipt Date	

ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. When used, must be greater than "0" (zero).	O R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned. Not Used by PIDX	C DT 6/6
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned. If ITD03 is sent, ITD05 is required.	C N0 1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due. Not Used by PIDX	O DT 6/6
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable).	O N0 1/3
ITD08	362	Terms Discount Amount Total amount of terms discount. Not Used by PIDX	O N2 1/10
ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due. Not Used by PIDX	O DT 6/6
ITD10	389	Deferred Amount Due Deferred amount due for payment.	C N2 1/10
ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent.	C R 1/5
ITD12	352	Description A free-form description to clarify the related data elements and their content. ITD10 - ITD12 are to be used for any special terms; ie. Retainage.	O AN 1/80
ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced.	C N0 1/2
ITD14	107	Payment Method Code Code identifying type of payment procedures. Not Used by PIDX	O ID 1/1
ITD15	954	Percent Percentage expressed as a decimal Not Used by PIDX	O R 1/10

Segment: **LDT** Lead Time
Level: Detail
Loop: LIN
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services.
Semantic: 1 LDT04 is the effective date of lead time information.
Notes: **When used at the Header level, the LDT is the default value for the entire Price File. Any exceptions will be noted at the Detail level.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
LDT01	345	Lead Time Code Code indicating the time range.	M ID 2/2
		AE From date of PO receipt to shipment.	
		AF From date of PO receipt to delivery.	
LDT02	380	Quantity Numeric value of quantity.	M R 1/15
LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval	M ID 2/2
		DA Calendar Days	
		DW Work Days	
		HR Hours	
LDT04	373	Date Date (YYMMDD).	O DT 6/6
		Not Used by PIDX	

Segment: **ITA** Allowance, Charge or Service
Level: Detail
Loop: LIN
Usage: Optional
Max Use: 5
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: **When used at the Header level, the ITA is the default value for the entire Price File and any exception will be noted at the Detail level.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified.	M ID 1/1
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values.	C ID 2/2
ITA03	560	Special Services Code Code identifying the special service.	C ID 2/10
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge.	M ID 2/2
ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge.	O AN 1/16

ITA06	359	Allowance or Charge Rate Allowance or Charge Rate per Unit.	O R	1/9
ITA07	360	Allowance or Charge Total Amount Total dollar amount for the allowance or charge.	O N2	1/9
ITA08	378	Allowance/ Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated.	O ID	1/1
ITA09	332	Allowance or Charge Percent Allowance or charge expressed as a percent.	C R	1/6
ITA10	339	Allowance or Charge Quantity Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity.	O R	1/10
ITA11	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID	2/2
ITA12	380	Quantity Numeric value of quantity.	O R	1/15
ITA13	352	Description A free-form description to clarify the related data elements and their content.	C AN	1/80
ITA14	150	Special Charge or Allowance Code Code identifying type of special charge or allowance.	C ID	3/3
ITA15	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN	1/15
ITA16	662	Price Relationship Code Code indicating the relationship of the price or amount to the associated segment.	O ID	1/1

Segment: **FOB** F.O.B. Related Instructions
Level: Detail
Loop: LIN
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.
Notes: When used at the Header level, the FOB is the default value for the entire Price File. Any exceptions will be noted at the Detail level.

Data Element Summary

REF. DISL.	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges.	M ID 2/2
		CC Collect	
		CF Collect, Freight Credited Back to Customer	
		NC Service Freight, No Charge	
		PB Customer Pick-up/Backhaul	
		PC Prepaid but Charged to Customer	
		PP Prepaid (by Seller)	
		PU Pickup	
		TP Third Party Pay	
FOB02	309	Location Qualifier Code identifying type of location.	C ID 1/2
		Transportation responsibility location.	
		DE Destination (Shipping)	

		FE Freight Equalization Point			
		OA Origin (After Loading on Equipment)			
		OR Origin (Shipping Point)			
		OV On Vessel (Free On Board [FOB] point)			
		PL Plant			
		WH Warehouse			
FOB03	352	Description A free-form description to clarify the related data elements and their content.	O AN	1/80	
FOB04	334	Transportation Terms Qualifier Code Code identifying the source of the transportation terms.	O ID	2/2	
		Not Used by PIDX			
FOB05	335	Transportation Terms Code Code identifying the trade terms which apply to the shipment transportation responsibility.	C ID	3/3	
		Not Used by PIDX			
FOB06	309	Location Qualifier Code identifying type of location.	C ID	1/2	
		Title passage location			
		DE Destination (Shipping)			
		FE Freight Equalization Point			
		OA Origin (After Loading on Equipment)			
		OR Origin (Shipping Point)			
		OV On Vessel (Free On Board [FOB] point)			
		PL Plant			
		WH Warehouse			
FOB07	352	Description A free-form description to clarify the related data elements and their content.	O AN	1/80	
FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes.	O ID	2/2	
		Not Used by PIDX			
FOB09	352	Description A free-form description to clarify the related data elements and their content.	C AN	1/80	
		Not Used by PIDX			

Segment: **CTP** Pricing Information
Level: Detail
Loop: LIN/CTP **Repeat:** 100
Usage: Optional
Max Use: 1
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.

Notes: **Recommended by PIDX**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTP01	687	Class of Trade Code Code indicating class of trade.	O ID 2/2
		Not Used by PIDX	

CTP02	236	Price Identifier Code Code identifying pricing specification. Required by PIDX	O ID 3/3
		LPR List Price Price without multiplier applied.	
		MAP Mandatory to Advise Unit Price Used when an item is priced on application.	
		MNC Minimum Charge	
		NET Net Item Price Pricing multiplier applied.	
CTP03	212	Unit Price Price per unit of product, service, commodity, etc. Required by PIDX	O R 1/14
CTP04	380	Quantity Numeric value of quantity.	O R 1/15
CTP05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier. SEL Selling Multiplier	O ID 3/3
CTP07	649	Multiplier Value to be used as a multiplier to obtain a new value Factor used to arrive at a final price. .90 would be the factor when a 10% discount is given and 1.10 would be the factor if a 10% markup is applied.	C R 1/10
CTP08	782	Monetary Amount Monetary amount. Not Used by PIDX	O R 1/15

Segment: **N1** Name
Level: Detail
Loop: LIN/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.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual MF Manufacturer of Goods	M ID 2/2
N102	93	Name Free-form name.	C AN 1/35
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67). Required by PIDX 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent	C ID 1/2
N104	67	Identification Code Code identifying a party or other code. Required by PIDX	C AN 2/17

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
Set Notes: 1 Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.
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.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTT01	354	Number of Line Items Total number of line items in the transaction set.	M NO 1/6
CTT02	347	Hash Total 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 by PIDX			
CTT03	81	Weight Numeric value of weight.	O R 1/10
Not Used by PIDX			
CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
Not Used by PIDX			
CTT05	183	Volume Value of volumetric measure.	O R 1/8
Not Used by PIDX			

CTT06 355 **Unit or Basis for Measurement Code** C ID 2/2
 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Not Used by PIDX
 CTT07 352 **Description** O AN 1/80
 A free-form description to clarify the related data elements and their content.
Not Used by PIDX

Segment: **SE** Transaction Set Trailer
Level: Summary
Loop: ____
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Comments: A SE is the last segment of each transaction set.

Data Element Summary

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