

# 860 Purchase Order Change Request - Buyer Initiated

Functional Group ID=**PC**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BCH	Beginning Segment for Purchase Order Change	M	1		
	080	FOB	F.O.B. Related Instructions	O	>1		
	150	DTM	Date/Time Reference	O	10		
	190	PID	Product/Item Description	O	200		
	200	MEA	Measurements	O	40		
	220	PKG	Marking, Packaging, Loading	O	200		
						LOOP ID - N1	200
	300	N1	Name	O	1		
	320	N3	Address Information	O	2		
	330	N4	Geographic Location	O	>1		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - POC	>1
	010	POC	Line Item Change	O	1		
	015	LIN	Item Identification	O	>1		
	040	CTP	Pricing Information	O	>1		
	049	MEA	Measurements	O	40		
						LOOP ID - PID	1000
	050	PID	Product/Item Description	O	1		
	200	DTM	Date/Time Reference	O	10		
						LOOP ID - SCH	200
	295	SCH	Line Item Schedule	O	1		

## Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - CTT	1
	010	CTT	Transaction Totals	O	1		n1
M	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
M	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	M AN 4/9

**Segment:** **BCH** Beginning Segment for Purchase Order Change  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

**Syntax Notes:**

**Semantic Notes:**

- 1 BCH06 is the date assigned by the purchaser to purchase order.
- 2 BCH09 is the seller's order number.
- 3 BCH10 is the date assigned by the sender to the acknowledgment.
- 4 BCH11 is the date of the purchase order change request.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BCH01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 04 Change	M ID 2/2
M	BCH02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order TC Toll Conversion Order	M ID 2/2
M	BCH03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
	BCH05	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
M	BCH06	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8
	BCH08	367	<b>Contract Number</b> Contract number	O AN 1/30
	BCH11	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8

**Segment:** **FOB** F.O.B. Related Instructions  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax Notes:**

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:**

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

**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		PP Prepaid (by Seller)	

**Segment:** **DTM** Date/Time Reference  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 007 Effective	M ID 3/3
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8
	DTM03	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8

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

**Position:** 190

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 200

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

**Syntax Notes:**

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

**Semantic Notes:**

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

**Comments:**

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	PID01	<b>349 Item Description Type</b> Code indicating the format of a description F Free-form S Structured (From Industry Code List)	M ID 1/1
	PID03	<b>559 Agency Qualifier Code</b> Code identifying the agency assigning the code values ST American Iron & Steel Institute	X ID 2/2
	PID04	<b>751 Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	<b>352 Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
	PID07	<b>822 Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

**Segment:** **MEA** Measurements  
**Position:** 200  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 40  
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)  
**Syntax Notes:**

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA05 is present, then MEA04 is required.
- 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:**

- 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:**

- 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

#### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
MEA01	737	<b>Measurement Reference ID Code</b>		<b>O ID 2/2</b>
		Code identifying the broad category to which a measurement applies		
		OD	Ordered Dimensions	
		SD	Shipped Dimensions	
		WT	Weights	
MEA02	738	<b>Measurement Qualifier</b>		<b>O ID 1/3</b>
		Code identifying a specific product or process characteristic to which a measurement applies		
		ID	Inside Diameter	
		OD	Outside Diameter	
		TH	Thickness	
		WD	Width	
		WT	Weight	
MEA03	739	<b>Measurement Value</b>		<b>X R 1/20</b>
		The value of the measurement		
MEA04	C001	<b>Composite Unit of Measure</b>		<b>X</b>
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		ED	Inches, Decimal--Nominal	
		EM	Inches, Decimal-Minimum	
		IN	Inch	
		KG	Kilogram	
		LB	Pound	
		MB	Millimeter-Nominal	
		MM	Millimeter	
		MZ	Millimeter-minimum	
MEA05	740	<b>Range Minimum</b>		<b>X R 1/20</b>
		The value specifying the minimum of the measurement range		
MEA06	741	<b>Range Maximum</b>		<b>X R 1/20</b>
		The value specifying the maximum of the measurement range		



**Segment:** **PKG** Marking, Packaging, Loading  
**Position:** 220  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 200  
**Purpose:** To describe marking, packaging, loading, and unloading requirements  
**Syntax Notes:**

- 1 At least one of PKG04 PKG05 or PKG06 is required.
- 2 If PKG04 is present, then PKG03 is required.
- 3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**

- 1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
- 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 4 Special marking or tagging data can be given in PKG05 (description).

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description X Semi-structured (Code and Text)	X ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described 34 Product Marking 36 Package Specifications	O ID 1/5
PKG03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values AS Assigned by Seller	X ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	X AN 1/7

**Segment:** **N1** Name  
**Position:** 300  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	<b>N101</b>	<b>98 Entity Identifier Code</b>	<b>M ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual	
		BY Buying Party (Purchaser)	
		MF Manufacturer of Goods	
		OU Outside Processor	
		A resource extraneous to primary material provider that performs additional material processing prior to delivery of the material to the primary provider's customer	
		SF Ship From	
		ST Ship To	
		SU Supplier/Manufacturer	
	<b>N102</b>	<b>93 Name</b>	<b>X AN 1/60</b>
		Free-form name	
	<b>N103</b>	<b>66 Identification Code Qualifier</b>	<b>X ID 1/2</b>
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		91 Assigned by Seller or Seller's Agent	
	<b>N104</b>	<b>67 Identification Code</b>	<b>X AN 2/80</b>
		Code identifying a party or other code	

**Segment:** N3 Address Information  
**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
M	N301	166	<b>Address Information</b> Address information	M AN 1/55
	N302	166	<b>Address Information</b> Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

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

**Segment:** **POC** Line Item Change  
**Position:** 010  
**Loop:** POC Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify changes to a line item  
**Syntax Notes:**

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If either POC08 or POC09 is present, then the other is required.
- 4 If either POC10 or POC11 is present, then the other is required.
- 5 If either POC12 or POC13 is present, then the other is required.
- 6 If either POC14 or POC15 is present, then the other is required.
- 7 If either POC16 or POC17 is present, then the other is required.
- 8 If either POC18 or POC19 is present, then the other is required.
- 9 If either POC20 or POC21 is present, then the other is required.
- 10 If either POC22 or POC23 is present, then the other is required.
- 11 If either POC24 or POC25 is present, then the other is required.
- 12 If either POC26 or POC27 is present, then the other is required.

**Semantic Notes:**

- 1 POC01 is the purchase order line item identification.

**Comments:**

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
	POC01	350	<b>Assigned Identification</b>	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
M	POC02	670	<b>Change or Response Type Code</b>	M ID 2/2
			Code specifying the type of change to the line item	
		RZ	Replace All Values	
			Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set	
	POC03	330	<b>Quantity Ordered</b>	O R 1/15
			Quantity ordered	
	POC04	671	<b>Quantity Left to Receive</b>	X R 1/9
			Quantity left to receive as qualified by the unit of measure	
	POC05	C001	<b>Composite Unit of Measure</b>	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355	<b>Unit or Basis for Measurement Code</b>	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		LB	Pound	
	POC08	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		VO	Vendor's Order Number	
	POC09	234	<b>Product/Service ID</b>	X AN 1/48
			Identifying number for a product or service	
	POC10	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		VN	Vendor's (Seller's) Item Number	
	POC11	234	<b>Product/Service ID</b>	X AN 1/48

		Identifying number for a product or service		
<b>POC14</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		GC                      Grade Code		
<b>POC15</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>POC18</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		PO                      Purchase Order Number		
<b>POC19</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>POC20</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		BP                      Buyer's Part Number		
<b>POC21</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>POC22</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>POC23</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>POC24</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		KF                      Item Type Number		
<b>POC25</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>POC26</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		A6                      Document Identification Code		
		Item identifier subclassifies the intended use of the transaction		
<b>POC27</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		

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

**Position:** 015

**Loop:** POC Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

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

**Syntax Notes:**

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:**

- 1 LIN01 is the line item identification

**Comments:**

- 1 See the Data Dictionary for a complete list of IDs.
- 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

#### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	LIN02	235	<b>Product/Service ID Qualifier</b>	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			PD Part Number Description	
M	LIN03	234	<b>Product/Service ID</b>	M AN 1/48
			Identifying number for a product or service	
	LIN08	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			SF Surface Finish	
	LIN09	234	<b>Product/Service ID</b>	X AN 1/48
			Identifying number for a product or service	
	LIN10	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			TP Product Type Code	
	LIN11	234	<b>Product/Service ID</b>	X AN 1/48
			Identifying number for a product or service	

**Segment:** **CTP Pricing Information**  
**Position:** 040  
**Loop:** POC Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pricing information  
**Syntax Notes:**

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

**Semantic Notes:**

- 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:**

- 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP02	236	<b>Price Identifier Code</b> Code identifying pricing specification CON Contract Price	X ID 3/3
CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17
CTP04	380	<b>Quantity</b> Numeric value of quantity	X R 1/15
CTP05	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	X
M	C00101	<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 CW Hundred Pounds (CWT)	M ID 2/2
CTP10	499	<b>Condition Value</b> Identifies rate restrictions or provisions	O AN 1/10



**Segment:** **MEA** Measurements  
**Position:** 049  
**Loop:** POC Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 40  
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)  
**Syntax Notes:**

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA05 is present, then MEA04 is required.
- 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:**

- 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:**

- 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	<b>Measurement Reference ID Code</b>	<b>O ID 2/2</b>
		Code identifying the broad category to which a measurement applies	
		DT Dimensional Tolerance	
		PD Physical Dimensions	
		WT Weights	
MEA02	738	<b>Measurement Qualifier</b>	<b>O ID 1/3</b>
		Code identifying a specific product or process characteristic to which a measurement applies	
		ID Inside Diameter	
		OD Outside Diameter	
		TH Thickness	
		WD Width	
		WT Weight	
MEA03	739	<b>Measurement Value</b>	<b>X R 1/20</b>
		The value of the measurement	
MEA04	C001	<b>Composite Unit of Measure</b>	<b>X</b>
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		ED Inches, Decimal--Nominal	
		EM Inches, Decimal-Minimum	
		IN Inch	
		KG Kilogram	
		LB Pound	
		MB Millimeter-Nominal	
		MM Millimeter	
		MZ Millimeter-minimum	
MEA05	740	<b>Range Minimum</b>	<b>X R 1/20</b>
		The value specifying the minimum of the measurement range	
MEA06	741	<b>Range Maximum</b>	<b>X R 1/20</b>
		The value specifying the maximum of the measurement range	

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

**Position:** 050

**Loop:** PID Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

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

**Syntax Notes:**

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

**Semantic Notes:**

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

**Comments:**

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349 Item Description Type Code indicating the format of a description F Free-form S Structured (From Industry Code List)	M ID 1/1
	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values ST American Iron & Steel Institute	X ID 2/2
	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80
	PID07	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

**Segment:** **DTM** Date/Time Reference  
**Position:** 200  
**Loop:** POC Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 152 Effective Date of Change Date on which the change went into effect	M ID 3/3
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8
	DTM03	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8

**Segment:** **SCH** Line Item Schedule  
**Position:** 295  
**Loop:** SCH Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:**

- 1 If SCH03 is present, then SCH04 is required.
- 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
- 3 If SCH09 is present, then SCH08 is required.
- 4 If SCH10 is present, then SCH08 is required.

**Semantic Notes:**

- 1 SCH12 is the schedule identification.

**Comments:**

- 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SCH01	380	<b>Quantity</b> Numeric value of quantity	M R 1/15
M	SCH02	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 LB Pound	M ID 2/2
M	SCH05	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 077 Requested for Delivery (Week of)	M ID 3/3
M	SCH06	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:** CTT Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

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

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

#### Data Element Summary

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