

832 Price/Sales Catalog

Functional Group=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.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
070	DTM	Date/Time Reference	O	10		
090	CUR	Currency	O	5		
110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
120	LDT	Lead Time	O	>1		
140	FOB	F.O.B. Related Instructions	O	1		
LOOP ID - N1					<u>>1</u>	
150	N1	Name	O	1		
160	N2	Additional Name Information	O	2		
170	N3	Address Information	O	2		
180	N4	Geographic Location	O	>1		
200	PER	Administrative Communications Contact	O	>1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - LIN					<u>>1</u>	
010	LIN	Item Identification	O	1		
060	CTB	Restrictions/Conditions	O	25		
070	PID	Product/Item Description	O	200		
100	PO4	Item Physical Details	O	1		
110	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1		
130	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
140	LDT	Lead Time	O	1		
LOOP ID - CTP					<u>100</u>	
170	CTP	Pricing Information	O	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
020	SE	Transaction Set Trailer	M	1		

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>832</td> <td>Price/Sales Catalog</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	832	Price/Sales Catalog			
<u>Code</u>	<u>Name</u>								
832	Price/Sales Catalog								
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Notes: <i>Must be unique within the group.</i>	M	AN	4/9				

Semantics:

- 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).

BCT Beginning Segment for Price/Sales Catalog

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
BCT01	683	Catalog Purpose Code Description: Code indicating purpose of catalog Notes: <i>Only the following code will be accepted:</i>	M	ID	2/2				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PC</td> <td>Price Catalog</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PC	Price Catalog			
<u>Code</u>	<u>Name</u>								
PC	Price Catalog								
BCT02	684	Catalog Number Description: Identifying number for catalog or superseded catalog Notes: <i>Identification number for this price update as assigned by the seller.</i>	O	AN	1/15				
BCT03	685	Catalog Version Number Description: Identifying version number of catalog or superseded catalog	O	AN	1/15				
BCT04	686	Catalog Revision Number Description: Identifying revision number of catalog or superseded catalog	O	AN	1/6				
BCT09	352	Description Description: A free-form description to clarify the related data elements and their content	O	AN	1/80				

DTM Date/Time Reference

Pos: 070	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>						
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time Notes: Code "040" indicates that DTM02 represents the effective date for pricing of new orders. Notes: Code "041" indicates that DTM02 represents the effective date for pricing of new shipments.	M	ID	3/3						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>040</td> <td>Status (After and Including)</td> </tr> <tr> <td>041</td> <td>Status (Prior and Including)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	040	Status (After and Including)	041	Status (Prior and Including)			
<u>Code</u>	<u>Name</u>										
040	Status (After and Including)										
041	Status (Prior and Including)										
DTM02	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8						

Syntax:

R020305 -- At least one of DTM02, DTM03 or DTM05 is required.

Notes:

This segment indicates the effective date of the pricing information for all line items unless overridden on a line-by-line basis in the detail area.

CUR Currency

Pos: 090	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
CUR01	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Notes: <i>Only the following code will be accepted:</i> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SE</td> <td>Selling Party</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SE	Selling Party	M	ID	2/3
<u>Code</u>	<u>Name</u>								
SE	Selling Party								
CUR02	100	Currency Code Description: Code (Standard ISO) for country in whose currency the charges are specified Notes: <i>Only the following Codes will be accepted:</i> CAD Canadian Dollar USD US Dollar	M	ID	3/3				

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 110	Max: 2
Heading - Optional	
Loop: N/A	Elements: 6

To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>								
ITD01	336	Terms Type Code Description: Code identifying type of payment terms Notes: <i>Only the following Codes will be accepted:</i>	O	ID	2/2								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>05</td> <td>Discount Not Applicable</td> </tr> <tr> <td>08</td> <td>Basic Discount Offered</td> </tr> <tr> <td>09</td> <td>Proximo</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	05	Discount Not Applicable	08	Basic Discount Offered	09	Proximo			
<u>Code</u>	<u>Name</u>												
05	Discount Not Applicable												
08	Basic Discount Offered												
09	Proximo												
ITD02	333	Terms Basis Date Code Description: Code identifying the beginning of the terms period Notes: <i>Only the following Codes will be accepted:</i>	O	ID	1/2								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Invoice Date</td> </tr> <tr> <td>5</td> <td>Invoice Receipt Date</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	3	Invoice Date	5	Invoice Receipt Date					
<u>Code</u>	<u>Name</u>												
3	Invoice Date												
5	Invoice Receipt Date												
ITD03	338	Terms Discount Percent Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date Notes: <i>2%=2 or 2.0</i>	O	R	1/6								
ITD05	351	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3								
ITD07	386	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3								
ITD13	765	Day of Month Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C	N0	1/2								

Syntax:

L03040513 -- If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.

Semantics:

Comments:

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

Notes:

This segment indicates the terms of sale for all items unless overridden on a line-by-line basis in the detail area. The following explains the use of the elements:

*If ITD01 = "05" ITD07 is required
ITD03, ITD05 and ITD13 must not be sent*

*If ITD01 = "08" ITD03, ITD05 and ITD07 are required
ITD13 must not be sent
ITD03 must be greater than zero*

*If ITD01 = "09" ITD13 is required
ITD03 is required for other than net proximo terms
ITD05 and ITD07 must not be sent*

LDT Lead Time

Pos: 120	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

To specify lead time for availability of products and services

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>						
LDT01	345	Lead Time Code Description: Code indicating the time range	M	ID	2/2						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AE</td> <td>From date of PO receipt to shipment</td> </tr> <tr> <td>AF</td> <td>From date of PO receipt to delivery</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	AE	From date of PO receipt to shipment	AF	From date of PO receipt to delivery			
<u>Code</u>	<u>Name</u>										
AE	From date of PO receipt to shipment										
AF	From date of PO receipt to delivery										
LDT02	380	Quantity Description: Numeric value of quantity	M	R	1/15						
LDT03	344	Unit of Time Period or Interval Description: Code indicating the time period or interval	M	ID	2/2						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DA</td> <td>Calendar Days</td> </tr> <tr> <td>DW</td> <td>Work Days</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	DA	Calendar Days	DW	Work Days			
<u>Code</u>	<u>Name</u>										
DA	Calendar Days										
DW	Work Days										

Semantics:

Comments:

- LDT02 is the quantity of unit of time periods.

Notes:

This segment indicates the lead time for all items unless overridden on a line-by-line basis in the detail area.

FOB F.O.B. Related Instructions

Pos: 140	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>								
FOB01	146	Shipment Method of Payment Description: Code identifying payment terms for transportation charges Notes: <i>Only the following Codes will be accepted:</i>	M	ID	2/2								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CC</td> <td>Collect</td> </tr> <tr> <td>PC</td> <td>Prepaid but Charged to Customer</td> </tr> <tr> <td>PP</td> <td>Prepaid (by Seller)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CC	Collect	PC	Prepaid but Charged to Customer	PP	Prepaid (by Seller)			
<u>Code</u>	<u>Name</u>												
CC	Collect												
PC	Prepaid but Charged to Customer												
PP	Prepaid (by Seller)												
FOB06	309	Location Qualifier Description: Code identifying type of location Notes: <i>Only the following codes will be accepted:</i>	C	ID	1/2								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CI</td> <td>City</td> </tr> <tr> <td>DE</td> <td>Destination (Shipping)</td> </tr> <tr> <td>OR</td> <td>Origin (Shipping Point)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CI	City	DE	Destination (Shipping)	OR	Origin (Shipping Point)			
<u>Code</u>	<u>Name</u>												
CI	City												
DE	Destination (Shipping)												
OR	Origin (Shipping Point)												
FOB07	352	Description Description: A free-form description to clarify the related data elements and their content	O	AN	1/80								

Syntax:

C0706 -- If FOB07 is present, then FOB06 is required

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB06 is the code specifying the title passage location.

Notes:

This segment indicates FOB information for all items.

N1 Name

Pos: 150	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SE</td> <td>Selling Party</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SE	Selling Party			
<u>Code</u>	<u>Name</u>								
SE	Selling Party								
N102	93	Name Description: Free-form name	C	AN	1/60				
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's Agent</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	92	Assigned by Buyer or Buyer's Agent			
<u>Code</u>	<u>Name</u>								
92	Assigned by Buyer or Buyer's Agent								
N104	67	Identification Code Description: Code identifying a party or other code Notes: <i>When used with N101 = "SE" and N103 = "92", this identification code represents the buyer-assigned vendor number.</i>	C	AN	2/80				

Syntax:

R0203 -- At least one of N102 or N103 is required.
 P0304 -- If either N103 or N104 are present, then the others are required.

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.

Notes:

An N1 loop with N101 = "SE" is required.

N2 Additional Name Information

Pos: 160	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N201	93	Name Description: Free-form name	M	AN	1/60
N202	93	Name Description: Free-form name	O	AN	1/60

N3 Address Information

Pos: 170	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	Address Information Description: Address information	M	AN	1/55
N302	166	Address Information Description: Address information	O	AN	1/55

N4 Geographic Location

Pos: 180	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name Description: Free-form text for city name	O	AN	2/30
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency Notes: See Table III of the appendix for codes for Canadian provinces and US state codes.	O	ID	2/2
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Notes: Nine digit zip codes are strongly recommended.	O	ID	3/15
N404	26	Country Code Description: Code identifying the country Notes: Assume to be "US" if not sent. Notes: CA Canada US United States	O	ID	2/3

Comments:

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

PER Administrative Communications Contact

Pos: 200	Max: >1
Heading - Optional	
Loop: N1	Elements: 6

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>						
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named	M	ID	2/2						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SR</td> <td>Sales Representative or Department</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SR	Sales Representative or Department					
<u>Code</u>	<u>Name</u>										
SR	Sales Representative or Department										
PER02	93	Name Description: Free-form name	O	AN	1/60						
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	FX	Facsimile	TE	Telephone			
<u>Code</u>	<u>Name</u>										
FX	Facsimile										
TE	Telephone										
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/80						
PER05	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	FX	Facsimile	TE	Telephone			
<u>Code</u>	<u>Name</u>										
FX	Facsimile										
TE	Telephone										
PER06	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/80						

Syntax:

P0304 -- If either PER03 or PER04 are present, then the others are required.

P0506 -- If either PER05 or PER06 are present, then the others are required.

Notes:

For use with N101 = "SE".

LIN Item Identification

Pos: 010	Max: 1
Detail - Optional	
Loop: LIN	Elements: 6

To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>								
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>MF</td> <td>Manufacturer</td> </tr> <tr> <td>PI</td> <td>Purchaser's Item Code</td> </tr> <tr> <td>VP</td> <td>Vendor's (Seller's) Part Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	MF	Manufacturer	PI	Purchaser's Item Code	VP	Vendor's (Seller's) Part Number			
<u>Code</u>	<u>Name</u>												
MF	Manufacturer												
PI	Purchaser's Item Code												
VP	Vendor's (Seller's) Part Number												
LIN03	234	Product/Service ID Description: Identifying number for a product or service	M	AN	1/48								
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>MF</td> <td>Manufacturer</td> </tr> <tr> <td>PI</td> <td>Purchaser's Item Code</td> </tr> <tr> <td>VP</td> <td>Vendor's (Seller's) Part Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	MF	Manufacturer	PI	Purchaser's Item Code	VP	Vendor's (Seller's) Part Number			
<u>Code</u>	<u>Name</u>												
MF	Manufacturer												
PI	Purchaser's Item Code												
VP	Vendor's (Seller's) Part Number												
LIN05	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48								
LIN06	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>MF</td> <td>Manufacturer</td> </tr> <tr> <td>PI</td> <td>Purchaser's Item Code</td> </tr> <tr> <td>VP</td> <td>Vendor's (Seller's) Part Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	MF	Manufacturer	PI	Purchaser's Item Code	VP	Vendor's (Seller's) Part Number			
<u>Code</u>	<u>Name</u>												
MF	Manufacturer												
PI	Purchaser's Item Code												
VP	Vendor's (Seller's) Part Number												
LIN07	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48								

Syntax:

- P0405 -- If either LIN04 or LIN05 are present, then the others are required.
- P0607 -- If either LIN06 or LIN07 are present, then the others are required.

Semantics:

- LIN01 is the line item identification

Comments:

- See the Data Dictionary for a complete list of IDs.
- 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.

CTB Restrictions/Conditions

Pos: 060	Max: 25
Detail - Optional	
Loop: LIN	Elements: 3

To specify restrictions/conditions (such as shipping, ordering)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
CTB01	688	Restrictions/Conditions Qualifier Description: Code identifying the type of restriction/condition <table border="1" style="margin-left: 20px;"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>OR</td> <td>Ordering</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	OR	Ordering	M	ID	2/2
<u>Code</u>	<u>Name</u>								
OR	Ordering								
CTB03	673	Quantity Qualifier Description: Code specifying the type of quantity <table border="1" style="margin-left: 20px;"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>69</td> <td>Incremental Order Quantity</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	69	Incremental Order Quantity	C	ID	2/2
<u>Code</u>	<u>Name</u>								
69	Incremental Order Quantity								
CTB04	380	Quantity Description: Numeric value of quantity Notes: <i>Supplier's non-divisible package (standard package).</i>	C	R	1/15				

Syntax:

- R020406 -- At least one of CTB02, CTB04 or CTB06 is required.
- P0304 -- If either CTB03 or CTB04 are present, then the others are required.

PID Product/Item Description

Pos: 070	Max: 200
Detail - Optional	
Loop: LIN	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
PID01	349	Item Description Type Description: Code indicating the format of a description Notes: <i>Only the following code will be accepted:</i>	M	ID	1/1				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Free-form</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	F	Free-form			
<u>Code</u>	<u>Name</u>								
F	Free-form								
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80				

Syntax:

R0405 -- At least one of PID04 or PID05 is required.

Semantics:

Comments:

1. If PID01 equals "F", then PID05 is used.

PO4 Item Physical Details

Pos: 100	Max: 1
Detail - Optional	
Loop: LIN	Elements: 8

To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>												
PO401	356	Pack Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container Notes: <i>Number of pricing units in the supplier's preferred package/shipping quantity. Usually corresponds to a box or container quantity. Absence indicates one per pack.</i>	O	N0	1/6												
PO405	187	Weight Qualifier Description: Code defining the type of weight <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>G</td> <td>Gross Weight</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	G	Gross Weight	O	ID	1/2								
<u>Code</u>	<u>Name</u>																
G	Gross Weight																
PO406	384	Gross Weight per Pack Description: Numeric value of gross weight per pack	C	R	1/9												
PO407	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CW</td> <td>Hundred Pounds (CWT)</td> </tr> <tr> <td>GR</td> <td>Gram</td> </tr> <tr> <td>KG</td> <td>Kilogram</td> </tr> <tr> <td>LB</td> <td>Pound</td> </tr> <tr> <td>OZ</td> <td>Ounce - Av</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CW	Hundred Pounds (CWT)	GR	Gram	KG	Kilogram	LB	Pound	OZ	Ounce - Av	C	ID	2/2
<u>Code</u>	<u>Name</u>																
CW	Hundred Pounds (CWT)																
GR	Gram																
KG	Kilogram																
LB	Pound																
OZ	Ounce - Av																
PO410	82	Length Description: Largest horizontal dimension of an object measured when the object is in the upright position	C	R	1/8												
PO411	189	Width Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position	C	R	1/8												
PO412	65	Height Description: Vertical dimension of an object measured when the object is in the upright position	C	R	1/8												
PO413	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CM</td> <td>Centimeter</td> </tr> <tr> <td>FT</td> <td>Foot</td> </tr> <tr> <td>IN</td> <td>Inch</td> </tr> <tr> <td>MR</td> <td>Meter</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CM	Centimeter	FT	Foot	IN	Inch	MR	Meter	C	ID	2/2		
<u>Code</u>	<u>Name</u>																
CM	Centimeter																
FT	Foot																
IN	Inch																
MR	Meter																

Syntax:

C0506 -- If PO405 is present, then PO406 is required

P0607 -- If either PO406 or PO407 are present, then the others are required.

C1013 -- If PO410 is present, then PO413 is required

C1113 -- If PO411 is present, then PO413 is required

C1213 -- If PO412 is present, then PO413 is required

L13101112 -- If PO413 is present, then at least one of PO410, PO411 or PO412 is required.

Semantics:**Comments:**

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

TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 110	Max: >1
Detail - Optional	
Loop: LIN	Elements: 3

To specify transportation special handling requirements, or hazardous materials information, or both

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>																
TD402	208	Hazardous Material Code Qualifier Description: Code which qualifies the Hazardous Material Class Code (209)	C	ID	1/1																
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>4</td> <td>46 Level DOT Code</td> </tr> <tr> <td>6</td> <td>Airline Tariff 6D</td> </tr> <tr> <td>9</td> <td>Title 49, Code of Federal Regulations (CFR)</td> </tr> <tr> <td>A</td> <td>International Civil Aviation Organization (ICAO) Code</td> </tr> <tr> <td>I</td> <td>Intergovernmental Maritime Organization (IMO) Code</td> </tr> <tr> <td>R</td> <td>Bureau of Explosives (BOE) 6000 Tariff</td> </tr> <tr> <td>U</td> <td>United Nations</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	4	46 Level DOT Code	6	Airline Tariff 6D	9	Title 49, Code of Federal Regulations (CFR)	A	International Civil Aviation Organization (ICAO) Code	I	Intergovernmental Maritime Organization (IMO) Code	R	Bureau of Explosives (BOE) 6000 Tariff	U	United Nations			
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U	United Nations																				
TD403	209	Hazardous Material Class Code Description: Code specifying the kind of hazard for a material	C	AN	1/4																
TD404	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80																

Syntax:

R010204 -- At least one of TD401, TD402 or TD404 is required.
C0203 -- If TD402 is present, then TD403 is required

Semantics:

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: 2
Detail - Optional	
Loop: LIN	Elements: 6

To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>																																				
ITD01	336	Terms Type Code Description: Code identifying type of payment terms	O	ID	2/2																																				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>05</td> <td>Discount Not Applicable</td> </tr> <tr> <td>08</td> <td>Basic Discount Offered</td> </tr> <tr> <td>09</td> <td>Proximo</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	05	Discount Not Applicable	08	Basic Discount Offered	09	Proximo																															
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08	Basic Discount Offered																																								
09	Proximo																																								
ITD02	333	Terms Basis Date Code Description: Code identifying the beginning of the terms period	O	ID	1/2																																				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Ship Date</td> </tr> <tr> <td>2</td> <td>Delivery Date</td> </tr> <tr> <td>3</td> <td>Invoice Date</td> </tr> <tr> <td>4</td> <td>Specified Date</td> </tr> <tr> <td>5</td> <td>Invoice Receipt Date</td> </tr> <tr> <td>6</td> <td>Anticipated Delivery Date</td> </tr> <tr> <td>7</td> <td>Effective Date</td> </tr> <tr> <td>8</td> <td>Invoice Transmission Date</td> </tr> <tr> <td>09</td> <td>Purchase Order Date</td> </tr> <tr> <td>10</td> <td>Invoice Verification Date</td> </tr> <tr> <td>11</td> <td>Completion And Acceptance Date</td> </tr> <tr> <td>12</td> <td>Approval of Sample Date</td> </tr> <tr> <td>13</td> <td>Approval of Gage Date</td> </tr> <tr> <td>14</td> <td>Quality Approval Date</td> </tr> <tr> <td>15</td> <td>Receipt of Goods</td> </tr> <tr> <td>16</td> <td>Quarter Start Date</td> </tr> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	1	Ship Date	2	Delivery Date	3	Invoice Date	4	Specified Date	5	Invoice Receipt Date	6	Anticipated Delivery Date	7	Effective Date	8	Invoice Transmission Date	09	Purchase Order Date	10	Invoice Verification Date	11	Completion And Acceptance Date	12	Approval of Sample Date	13	Approval of Gage Date	14	Quality Approval Date	15	Receipt of Goods	16	Quarter Start Date	ZZ	Mutually Defined			
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15	Receipt of Goods																																								
16	Quarter Start Date																																								
ZZ	Mutually Defined																																								
ITD03	338	Terms Discount Percent Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date Notes: 2% = 2 or 2.0	O	R	1/6																																				
ITD05	351	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3																																				
ITD07	386	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3																																				
ITD13	765	Day of Month Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C	N0	1/2																																				

Syntax:

L03040513 -- If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.

Notes:

The following explains the use of the elements:

If ITD01 = "05" ITD07 is required.

*If ITD01 = "08" ITD03, ITD05, and ITD07 are required.
(ITD03 must be non-zero)*

*If ITD01 = "09" ITD03 and ITD13 are required
(ITD03 equals zero for net proximo terms)*

Notes:

Overrides ITD in Header - If sent.

LDT Lead Time

Pos: 140	Max: 1
Detail - Optional	
Loop: LIN	Elements: 3

To specify lead time for availability of products and services

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>						
LDT01	345	Lead Time Code Description: Code indicating the time range	M	ID	2/2						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AE</td> <td>From date of PO receipt to shipment</td> </tr> <tr> <td>AF</td> <td>From date of PO receipt to delivery</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	AE	From date of PO receipt to shipment	AF	From date of PO receipt to delivery			
<u>Code</u>	<u>Name</u>										
AE	From date of PO receipt to shipment										
AF	From date of PO receipt to delivery										
LDT02	380	Quantity Description: Numeric value of quantity	M	R	1/15						
LDT03	344	Unit of Time Period or Interval Description: Code indicating the time period or interval	M	ID	2/2						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DA</td> <td>Calendar Days</td> </tr> <tr> <td>DW</td> <td>Work Days</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	DA	Calendar Days	DW	Work Days			
<u>Code</u>	<u>Name</u>										
DA	Calendar Days										
DW	Work Days										

Comments:

- LDT02 is the quantity of unit of time periods.

Notes:

Override LDT at Header - If sent.

CTP Pricing Information

Pos: 170	Max: 1
Detail - Optional	
Loop: CTP	Elements: 4

To specify pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>						
CTP02	236	Price Identifier Code Description: Code identifying pricing specification	C	ID	3/3						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CON</td> <td>Contract Price</td> </tr> <tr> <td>INV</td> <td>Invoice Billing Price</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CON	Contract Price	INV	Invoice Billing Price			
<u>Code</u>	<u>Name</u>										
CON	Contract Price										
INV	Invoice Billing Price										
CTP03	212	Unit Price Description: Price per unit of product, service, commodity, etc. Notes: Unit price will be expressed in the unit of measure from element 355. Unit price will be net of gross price, trade discounts and item-specific mark-ups, but will not be adjusted for payment terms or any order-specific special charges.	C	R	1/17						
CTP04	380	Quantity Description: Numeric value of quantity Notes: First occurrence for each LIN loop must be 0.	C	R	1/15						
CTP05	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	C	Comp							
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Notes: Must equal the unit of measure ordered by the buying party. See table IV of the Appendix for unit or basis for measurement codes.	M	ID	2/2						

Syntax:

P0405 -- If either CTP04 or CTP05 are present, then the others are required.

Comments:

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

Notes:

Required by the Rail Industry Forum.

Notes:

Pricing and discounting information only. Multiple segments for a given LIN loop are used to indicate price/quantity breaks. At least one CTP segment is required for each LIN loop.

Notes:

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

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Notes: <i>Must be identical to the transaction set control number in the ST segment.</i>	M	AN	4/9

Comments:

- SE is the last segment of each transaction set.