

# 503 Pricing History

Functional Group ID=**PH**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Pricing History Transaction Set (503) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by a purchasing party or vendor to request pricing history information for an item. The transaction set can also be used to respond to a request for pricing history information.

## Heading:

<u>Page No.</u>	<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>
	010	ST	Transaction Set Header	M	1		
	020	BGN	Beginning Segment	M	1		
LOOP ID - N1							>1
	030	N1	Name	O	1		
LOOP ID - N1							>1
	070	REF	Reference Number	O	1		
LOOP ID - DTM							>1
	090	DTM	Date/Time Reference	O	1		

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## Detail:

<u>Page No.</u>	<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 - LIN							>1
	010	LIN	Item Identification	O	1		
	020	PID	Product/Item Description	O	>1		
LOOP ID - QTY							>1
	100	QTY	Quantity	O	1		n1
	110	AMT	Monetary Amount	O	>1		

290 SE

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Transaction Set Trailer  
Examples

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**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:**  
**Notes:** Required  
 ST~503~0001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
		503	Pricing History	
Must Use	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:** **BGN** Beginning Segment  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a transaction set  
**Syntax Notes:** 1 If BGN05 is present, then BGN04 is required.  
**Semantic Notes:** 1 BGN02 is the transaction set reference number.  
 2 BGN03 is the transaction set date.  
 3 BGN04 is the transaction set time.  
 4 BGN05 is the transaction set time qualifier.  
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

**Comments:**

**Notes:** Required

**Data Element Summary**

Ref. Des.	Data Element Name	Attributes
Must Use BGN01	353 Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
Must Use BGN02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier A unique transaction identifier number assigned by the originator of this transaction.	M AN 1/30
Must Use BGN03	373 Date Date expressed as CCYYMMDD	M DT 8/8
BGN06	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30

**Segment:** **N1** Name  
**Position:** 030  
**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.

**Notes:** Required: UEI (Code Value "US" will be required NLT, April 4, 2022 and replaces DUNS. N1~SE~COMPANY~1~123456789  
N1~SE~COMPANY~US~123456789AAA

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>N101</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SE Selling Party Identifies the selling party participating in this transaction.	<b>M ID 2/3</b>
<b>Must Use</b>	<b>N102</b>	<b>93 Name</b> Free-form name Free Form Company Name	<b>X AN 1/60</b>
<b>Must Use</b>	<b>N103</b>	<b>66 Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 DUNS Number, Dun & Bradstreet US Unique Supplier Identification Number	<b>X ID 1/2</b>
<b>Must Use</b>	<b>N104</b>	<b>67 Identification Code</b> Code identifying a party or other code 1: The DUNS number US: UEI value (required NLT April 4th, 2022 and replaces DUNS)	<b>X AN 2/80</b>

**Segment:** **REF** **Reference Identification (Reject Response Reasons)**  
**Position:** 070  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

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

- Either BB or GC is required. If both are submitted BB will take precedence.
- QK is mandatory and indicates close out sale indicator
- AM is mandatory and indicates adjustment indicator
- TD is optional and is used for adjustment justification and used when REF\*AM is true.

		<b>Data Element Summary</b>		
	<b>Ref. Des.</b>	<b>Data Element Name</b>		<b>Attributes</b>
Must Use	<b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification AM Adjustment Memo BB Authorization Number GC Government Contract Number QK Sales Program Number TD Reason for Change	<b>M ID 2/3</b>
Must Use	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If using AM: Adjustment Indicator: true (for an adjustment) or false (for no adjustment)  If using BB: BPA Number If using GC: Contract Number If using QK: Closeout Sale Indicator: true (for a closeout sale) or false (to indicate not a closeout sale)  If using TD: Reason/justification of adjustment. Up to 500 characters.	<b>X AN 1/30</b>
	<b>REF03</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content If more than 80 characters is needed for justification multiple REF*TD may be submitted, up to 500 characters.	<b>X AN 1/80</b>

**Segment:** **DTM** Date/Time Reference (Service Period Start Date)  
**Position:** 090  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optiona  
**Max Use:** 1  
**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:**  
**Notes:**

DTM\*007\*20160301

**Ref.** **Data**  
**Comments:**  
**Notes:**

**Must Use**  
 DTM\*007\*20160301

	<b>Ref.</b>	<b>Data</b>	<b>Data Element Summary</b>		
	<b>Des.</b>	<b>Element</b>			
<b>Must Use</b>	<b>DTM01</b>	<b>374</b>	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective	M	ID 3/3
<b>Must Use</b>	<b>DTM02</b>	<b>373</b>	Date Date expressed as CCYYMMDD	X	DT 8/8

Segment: **LIN** Item

**Identification Position:** 010

**Loop:** LIN Optional (Must Use)

**Level:** Detail

**Usage:** Optional (Must Use)

**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.

**Notes:**

MF, MG, PO required; PI, UP optional

	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LIN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) MF Manufacturer	M ID 2/2
Must Use	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service Manufacturer required	M AN 1/48
Must Use	LIN04	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG Manufacturer's Part Number	X ID 2/2
Must Use	LIN05	234	<b>Product/Service ID</b> Identifying number for a product or service Manufacturer's Part number required if not close out sales	X AN 1/48



Segment: **LIN** Item

**Identification Position:** 010

**Loop:** LIN Optional (Must Use)

**Level:** Detail

**Usage:** Optional (Must Use)

**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.

**Notes:**

MF, MG, PO required; PI, UP optional

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>LIN06</b>	<b>235 Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) PI Purchaser's Item Code PO Purchase Order number UP U.P.C.	
<b>Must Use</b>	<b>LIN07</b>	<b>234 Product/Service ID</b> Identifying number for a product or service PI SIN (Special Item Number) is optional PO Purchase order/delivery order/order number/PIID is required UP UPC is optional	

**Segment:** **PID** **Product Item Description**  
**Position:** 020  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To describe a product or process in coded or free-form format  
**Syntax Notes:** If PID04 is present, then PID03 is required.  
 At least one of the PID04 or PID05 is required.  
 If PID07 is present, then PID03 is required.  
 If PID08 is present, then PID03 is required.

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

Used for product description and non-federal entity designation. See sample data for examples on PID usage

**Data Element Summary**

Ref.	Data			
Des.	Element	Name		Attributes
PID01	349	Item Description Type		M ID 1/1
		F Free Form		
		S Structured		
		X Semi-structured		
PID02	750	Product/Process Characteristic Code		O ID 2/3
PID03	559	Agency Qualifier Code		XIZ ID 2/2
		GS - GSA		
PID04	751	Product Description Code		XIZ AN
		Non-Federal		1/12
PID05	352	Description		X AN 1/80
		Up to 1000 characters for product description. Send multiple PID segments.		
		Use codes values as follows:		
		SCP (STLOC Cooperative Purchasing),		
		SDP (STLOC Disaster Purchasing),		
		OTH (Other) or		
		N/A (Not Applicable-Not a Non-Federal sale) must be submitted.		

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

**Position:** 020

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

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

**Syntax Notes:** If PID04 is present, then PID03 is required.

At least one of the PID04 or PID05 is required.

If PID07 is present, then PID03 is required.

If PID08 is present, then PID03 is required.

**Semantic Notes:**

**Comments:**

**Notes:**

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PID06	752	Surface/Layer/Position Code	O ID 2/2
PID07	822	Source Subqualifier	O AN 1/15
PID08	107	Yes/No Condition or Response Code	OIZ ID 1/1

**Segment:** QTY Quantity  
**Position:** 100  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**  
**Notes:**

Required Segment

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity 32 Quantity Sold	M ID 2/2
Must Use	QTY02	380	Quantity	M R 1/15
Must Use	QTY03	355	Unit or Basis for Measurement Code	X ID 2/2

**Segment:** **AMT** Monetary Amount  
**Position:**  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

2 AMT segments are required: Unit Price (SP) and Total Price (TS).

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attribute</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount SP Sales Price TS Total Sales	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18

**Segment:** **SE** Transaction Set Trailer  
**Position:** 290  
**Loop:**  
**Level:** Detail  
**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.

**Notes:** Required

**Data Element Summary**

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