Army and Air Force Exchange Service

832 Price/Sales Catalog

Functional Group ID=SC

Introduction:

This X12 Transaction Set 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:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
2	0100	ST	Transaction Set Header	M	1		
3	0200	BCT	Beginning Segment for Price/Sales Catalog	M	1		
4	0900	CUR	Currency	M	1		
			LOOP ID - N1			>1	
5	1500	N1	Party Identification	M	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			>1	
Error! Bookmark not defined.	0100	LIN	Item Identification	M	999999		
7	0300	DTM	Date/Time Reference	M	1		
8	0700	PID	Product/Item Description	M	1		
			LOOP ID - CTP			>1	
11	1700	CTP	Pricing Information	M	1		
Error! Bookmark not defined.	2100	PO4	Item Physical Details	M	1		
			LOOP ID - N1			>1	
11	2380	N1	Party Identification	M	1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Error! Bookmark not defined.	0100	CTT	Transaction Totals	M	1		n2
Error! Bookmark not defined.	0200	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

Army and Air Force Exchange Service

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

Segment:	ST **Transaction Set Header**		
Position:	0100		
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).	
	2	The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.	
Comments:			
Business Rules:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	ST01	143	**Transaction Set Identifier Code**	M	1	ID 3/3
			Code uniquely identifying a Transaction Set			
			Refer to 005010 Data Element Dictionary for acceptable code values.			
M	ST02	329	**Transaction Set Control Number**	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment:	**BCT** Beginning Segment for Price/Sales Catalog				
Position:	0200				
Loop:					
Level:	Heading				
Usage:	Mandatory				
Max Use:	1				
Purpose:	To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information				
Syntax Notes:					
Semantic Notes:					
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**BCT01**	**683**	**Catalog Purpose Code**	**M**	**1**	**ID 2/2**
			Code indicating purpose of catalog			
			SC Sales Catalog			
			This is the only code allowed by AAFES.			
M	**BCT02**	**684**	**Catalog Number**	**O**	**1**	**AN 1/15**
			Company Nine Digit DUNS Number			
M	**BCT10**	**353**	**Transaction Set Purpose Code**	**O**	**1**	**ID 2/2**
			Code identifying purpose of transaction set			
			04 Change			
			This is the only acceptable code allowed by AAFES at this time.			

Segment:	**CUR** Currency		
Position:	0900		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction		
Syntax Notes:	1	If CUR08 is present, then CUR07 is required.	
	2	If CUR09 is present, then CUR07 is required.	
	3	If CUR10 is present, then at least one of CUR11 or CUR12 is required.	
	4	If CUR11 is present, then CUR10 is required.	
	5	If CUR12 is present, then CUR10 is required.	
	6	If CUR13 is present, then at least one of CUR14 or CUR15 is required.	
	7	If CUR14 is present, then CUR13 is required.	
	8	If CUR15 is present, then CUR13 is required.	
	9	If CUR16 is present, then at least one of CUR17 or CUR18 is required.	
	10	If CUR17 is present, then CUR16 is required.	
	11	If CUR18 is present, then CUR16 is required.	
	12	If CUR19 is present, then at least one of CUR20 or CUR21 is required.	
	13	If CUR20 is present, then CUR19 is required.	
	14	If CUR21 is present, then CUR19 is required.	
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**CUR01**	**98**	**Entity Identifier Code**	**M 1 ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			SE Selling Party	
			This is the only acceptable code allowed by AAFES at this time.	
M	**CUR02**	**100**	**Currency Code**	**M 1 ID 3/3**
			This would be your three-digit country code. Example, USD	

Segment:	**N1** Party Identification			
Position:	1500			
Loop:	N1			
Level:	Heading			
Usage:	Mandatory			
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. Des.	Data Element	Name	Attributes		
M	**N101**	**98**	**Entity Identifier Code**	**M**	**1**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual
VN   Vendor
This is the only acceptable code allowed by AAFES at this time.

M	**N102**	**93**	**Name**	**X**	**1**	**AN 1/60**

F   Free-form name
This would be your company name and is the only acceptable code allowed by AAFES at this time.

M	**N103**	**66**	**Identification Code Qualifier**	**X**	**1**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)
92   Assigned By Buyer
This is the only acceptable code allowed by AAFES at this time.

M	**N104**	**67**	**Identification Code**	**X**	**1**	**AN 2/80**

Code identifying a party or other code
This is an internal number in our system that is unique to your company and is eight digits.

	Segment:	**LIN** Item Identification
	Position:	0100
	Loop:	LIN
	Level:	Detail
	Usage:	Mandatory
	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.

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	Semantic Notes:	1 LIN01 is the line item identification
	Comments:	

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Data Element Summary

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	Ref. Des.	Data Element	Name		Attributes	
M	**LIN01**	**350**	**Assigned Identification**	O	1	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set.			
M	**LIN02**	**235**	**Product/Service ID Qualifier**	M	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP 12 Digit Unit UPC Number EN 13 Digit UCC EAN Number UK 14 Digit UCC EAN Number			
M	**LIN03**	**234**	**Product/Service ID**	M	1	AN 1/48
			In order for this process to work efficiently, the UPC or EAN number must match exactly what is in our system.			
M	**LIN04**	**235**	**Product/Service ID Qualifier**	X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) VA Vendor's Style Number			
M	**LIN05**	**234**	**Product/Service ID**	X	1	AN 1/48
			Identifying number for a product or service In order for this process to work, your vendor style number should match what is in our system.			

Segment:		**DTM** Date/Time Reference			
Position:	0300				
Loop:	LIN				
Level:	Detail				
Usage:	Mandatory				
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

	Ref. Des.	Data Element	Name	Attributes		
M	**DTM01**	**374**	**Date/Time Qualifier**	M	1	ID 3/3
			Code specifying type of date or time, or both date and time			
			007 Effective			
M	**DTM02**	**373**	**Date**	X	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

Segment:	**PID** Product/Item Description	
Position:	0700	
Loop:	LIN	
Level:	Detail	
Usage:	Mandatory	
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. Des.	Data Element	Name	Attributes		
M	PID01	349	Item Description Type	M	1	ID 1/1

Code indicating the format of a description

F   Free-Form

This is the only acceptable code allowed by AAFES at this time.

	Ref. Des.	Data Element	Name	Attributes		
M	PID05	352	Description	X	1	AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**CTP** Pricing Information			

Segment: **CTP** Pricing Information
Position: 1700
Loop: CTP
Level: Detail
Usage: Mandatory
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

	Ref. Des.	Data Element	Name			Attributes
M	**CTP01**	**687**	**Class of Trade Code**	O	1	ID 2/2
			Code indicating class of trade			
			BG Buying Group			
			This is the only acceptable code allowed by AAFES at this time.			
M	**CTP02**	**236**	**Price Identifier Code**	X	1	ID 3/3
			Code identifying pricing specification			
			CON Contract Price			
			This is the only acceptable code allowed by AAFES at this time.			
M	**CTP03**	**212**	**Unit Price**	X	1	R 1/17
			Price per unit of product, service, commodity, etc.			
M	**CTP04**	**380**	**Quantity**	X	1	R 1/15
			Numeric value of quantity			
M	**CTP05**	**C001**	**Composite Unit of Measure**	X	1	
			EA Each			

Segment:	**PO4** Item Physical Details		
Position:	1000		
Loop:	LIN		
Level:	Detail		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item		
Syntax Notes:	**1**	If either PO402 or PO403 is present, then the other is required.	
	2	If PO405 is present, then PO406 is required.	
	3	If either PO406 or PO407 is present, then the other is required.	
	4	If either PO408 or PO409 is present, then the other is required.	
	5	If PO410 is present, then PO413 is required.	
	6	If PO411 is present, then PO413 is required.	
	7	If PO412 is present, then PO413 is required.	
	8	If PO413 is present, then at least one of PO410 PO411 or PO412 is required.	
	9	If PO417 is present, then PO416 is required.	
	10	If PO418 is present, then PO404 is required.	
Semantic Notes:	**1**	PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.	
	2	PO416 is the package identifier or the beginning package identifier in a range of identifiers.	
	3	PO417 is the ending package identifier in a range of identifiers.	
	4	PO418 is the number of packages in this layer.	
Comments:	**1**	PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. 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.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**PO401**	**356**	**Pack**	**O** **1 N0 1/6**
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	

Segment:	**N1** Party Identification
Position:	2380
Loop:	N1
Level:	Detail
Usage:	Mandatory
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. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code**	**M**	**1 ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual
CT   Country Of Origin
This is the only acceptable code allowed by AAFES at this time.

M	**N103**	**66**	**Identification Code Qualifier**	**X**	**1 ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)
38   Country Code
This is the only acceptable code allowed by AAFES at this time.

M	**N104**	**67**	**Identification Code**	**X**	**1 AN 2/80**

Code identifying a party or other code
Two-digit country code.

Segment:	**CTT** **Transaction Totals**		
Position:	0100		
Loop:			
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

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

		SE Transaction Set Trailer
Segment:		**SE** Transaction Set Trailer
Position:	0200	
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

	Ref. Des.	Data Element	Name	Attributes		
M	**SE01**	**96**	**Number of Included Segments**	**M**	**1**	**N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments			
M	**SE02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Sample Data:

ST*832*0427~
BCT*SC*20171027********04~
CUR*SE*USD~
N1*VN*STACY ABC*1*60581508~
LIN*1*UP*889819205758*VA*1277240-001004~
DTM*007*20171030~
PID*F****The Original 9" BoxerJock-BLK,LG~
CTP*BG*CON*547.45*1*EA~
PO4*10~
N1*CT**38*FRA~
LIN*3*UP*889819205741*VA*1277240-001003~
DTM*007*20171030~
PID*F****The Original 9" BoxerJock-BLK,MD~
CTP*BG*CON*547.45*1*EA~
PO4*10~
N1*CT**38*FR~
CTT*1~
SE*18*0427~
GE*1*1~
IEA*1*000000174~