832 Price/Sales Catalog

Functional Group ID=SC

Introduction:

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.

Notes:

- 1. This transaction set is used by commercial firms to submit to an agency of the Federal Government a catalog of goods and/or services available to the general public; a catalog of goods and/or services available only to Government entities; sales information that is not available within a catalog; or to identify special promotions.
- 2. This transaction set may also be used by Government agencies as a catalog of items that are for sale to other Government agencies or to the general public, e.g., the Government Printing Office.

Segment:	ST Transaction Set Header	5
Segment:	BCT Beginning Segment for Price/Sales Catalog	6
Segment:	REF Reference Numbers	8
Segment:	DTM Date/Time Reference	9
Segment:	CTB Restrictions/ Conditions	10
Segment:	CUR Currency	12
Segment:	ITD Terms of Sale/Deferred Terms of Sale	14
Segment:	LDT Lead Time	16
Segment:	SAC Service, Promotion, Allowance, or Charge Information	17
Segment:	FOB F.O.B. Related Instructions	21
Segment:	N1 Name	23
Segment:	N2 Additional Name Information	25
Segment:	N3 Address Information	26
Segment:	N4 Geographic Location	27
Segment:	REF Reference Numbers	30
Segment:	PER Administrative Communications Contact	31
Segment:	LIN Item Identification	33
Segment:	G53 Maintenance Type	37
Segment:	SLN Subline Item Detail	38
Segment:	DTM Date/Time Reference	43
Segment:	REF Reference Numbers	44
Segment:	CTB Restrictions/ Conditions	45
Segment:	PID Product/Item Description	47
Segment:	MEA Measurements	49
Segment:	PO4 Item Physical Details	52
Segment:	TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)	54
Segment:	LDT Lead Time	55
Segment:	SAC Service, Promotion, Allowance, or Charge Information	56
Segment:	FOB F.O.B. Related Instructions	60
Segment:	TXI Tax Information	62
Segment:	CTP Pricing Information	63
Segment:	DTM Date/Time Reference	66
Segment:	SAC Service, Promotion, Allowance, or Charge Information	67
Segment:	N1 Name	71
Segment:	N2 Additional Name Information	73
Segment: 003050F832_		74 997

Segment:	N4 Geographic Location	75
Segment:	PER Administrative Communications Contact	76
Segment:	CTT Transaction Totals	78
Segment:	SE Transaction Set Trailer	79

Heading:

	Pos.No.	Seg. ID	Name	Req.Des.
Must Use	010	ST	Transaction Set Header	M
Must Use	020	ВСТ	Beginning Segment for Price/Sales Catalog	M
Not Used	030	NTE	Note/Special Instruction	F
Not Used	040	СТР	Pricing Information	O
	050	REF	Reference Numbers	О
Not Used	060	PER	Administrative Communications Contact	О
	070	DTM	Date/Time Reference	O
	080	CTB	Restrictions/ Conditions	O
	090	CUR	Currency	0
	110	ITD	Terms of Sale/Deferred Terms of Sale	0
	120	LDT	Lead Time	0
	130	SAC	Service, Promotion, Allowance, or Charge Information	0
	140	FOB	F.O.B. Related Instructions	О
Not Used	145	G93	Price Bracket Identification	0
			LOOP ID - N1	
Must Use	150	N1	Name	О
	160	N2	Additional Name Information	O
	170	N3	Address Information	О
	180	N4	Geographic Location	O
	190	REF	Reference Numbers	O
	200	PER	Administrative Communications Contact	0
Not Used	201	DTM	Date/Time Reference	O

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u> LOOP ID - LIN	Req. Des.	Max.Use	Loop Repeat 700000	Notes and Comments
010	LIN	Item Identification	О	1		
015	G53	Maintenance Type	O	1		n1
020	SLN	Subline Item Detail	O	100		
030	DTM	Date/Time Reference	O	10		
040	REF	Reference Numbers	O	12		

Not Used	050	PER	Administrative Communications Contact	O	3		
	060	CTB	Restrictions/ Conditions	O	25		
	070	PID	Product/Item Description	O	200		
	080	MEA	Measurements	O	40		
Not Used	090	PKG	Marking, Packaging, Loading	O	25		
	100	PO4	Item Physical Details	O	1		
	110	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	О	10		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
	140	LDT	Lead Time	O	1		
	150	SAC	Service, Promotion, Allowance, or Charge Information	0	25		
5 × . * * * 1	160	FOB	F.O.B. Related Instructions	0	1		
Not Used	165	TC2	Commodity	0	2		
	166	TXI	Tax Information	0	1		
Not Used	167	G39	Item Characteristics - Vendor's Selling Unit	О	1		
Not Used	168	G55	Item Characteristics - Consumer Unit	О	1		
Not Used	169	G54	Module Description	О	1		
			LOOP ID - CTP			100	
	170	CTP	Pricing Information	О	1		
Not Used	175	G40	Bracket Price	O	99		
	180	DTM	Date/Time Reference	O	10		
Not Used	182	G36	Price List Reference	O	1		
Not Used	190	LDT	Lead Time	O	1		
Not Used	200	CUR	Currency	O	5		
Not Used	210	PO4	Item Physical Details	O	1		
Not Used	220	CTB	Restrictions/ Conditions	O	5		
Not Used	225	REF	Reference Numbers	O	>1		
Not Used	227	G43	Promotion/Price List Area	O	9999		
	228	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	229	G26	Pricing Conditions	O	99		
			LOOP ID - N1			200	
	230	N1	Name	O	1		
	240	N2	Additional Name Information	O	2		
	250	N3	Address Information	O	2		
	260	N4	Geographic Location	O	1		
Not Used	270	REF	Reference Numbers	O	12		
	280	PER	Administrative Communications Contact	0	3		

			LOOP ID - N1			200
	230	N1	Name	O	1	
	240	N2	Additional Name Information	O	2	
	250	N3	Address Information	O	2	
	260	N4	Geographic Location	O	1	
Not Used	270	REF	Reference Numbers	O	12	
	280	PER	Administrative Communications Contact	O	3	
Not Used	281	DTM	Date/Time Reference	O	10	

			LOOP ID - PKL			10
Not Used	285	PKL	Multi-Pack Configuration	O	1	
Not Used	290	CTP	Pricing Information	O	1	
Not Used	295	PKG	Marking, Packaging, Loading	О	2	

Summary:

	Pos.No.	Seg.ID	Name	Req Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n2

Must Use	020	SE	Transaction Set Trailer	М	1		
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Transaction Set Notes

- 1.
- If BCT10 is used and G5301 is used, then the G5301 takes precedence. Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not 2. used in this transaction.

ST Transaction Set Header Segment:

010 **Position:**

Loop: Level: Heading Usage: Mandatory

Max Use:

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

Syntax Notes:

Semantic Notes: 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).

Comments:

	Ref. Des.	Data <u>Element</u>		Name <u>Attributes</u>				
Must	ST01	143	Transa	ransaction Set Identifier M ID 3/3				
Use			Code	Code				
Code uniquely identifying a Transaction Set							on Set	
832 X12.13 Price/Sales Catalog								
Must	ST02	329	Transa	act	ion Set Control	M	AN 4/9	
Use			Numb	er				
			Identif	yir	g control number that	must b	e unique within the transaction set	
functional group assigned by the originator for a transaction set						ator for a transaction set		
This unique control number is assigned by the originator of the transaction s						ed by the originator of the transaction set		
or by the originator's application program. This same number is carried in						ram. This same number is carried in		
			SE02.		-			

Segment: BCT Beginning Segment for Price/Sales Catalog

Position: 020

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:

	Ref.	Data	Data ER	ement Summary					
	Des.	Element	Name	Attr	Attributes				
Must Use	BCT01	683	Catalog Purp	M	ID 2/2				
CBC			Code indicatin	g purpose of catalog	<u> </u>	1			
				the type of catalog.					
			СР	Customized Catalog					
			•	A collection of criteria for the that generates responses from the criteria are met					
				Use to indicate a catalog (wo of goods and/or services ava government entities. This co indicate a price list.	ilable only	to			
			PC	Price Catalog					
				Use to indicate a catalog (wa of goods and/or services ava public.					
			SC	Sales Catalog					
				without prices) not available	cate sales information (with or ces) not available within a catalog, s brochure, notice of future sales				
Must Use	BCT02	684	Catalog Num	0	AN 1/15				
			Identifying nu	mber for catalog or superseded cat	alog	•			
			applicable. 3. Use of this	data element is REQUIRED.					
Not Used	ВСТ03	685	Catalog Versi	Catalog Version Number O					
			Identifying ver	rsion number of catalog or superse	ded catalog	•			
	BCT04	686	Catalog Revis	sion Number	О	AN 1/6			
			Identifying rev	vision number of catalog or superso	eded catalog	7			
			that identifies BCT02.	umber assigned by the originator the revision, if any, to the catalog	being cited	l in			
			3. When this data element is used, BCT10 shall cite code 02, 03, 04.						
Not Used	BCT05	355	Unit or Basis for Measurement Code			ID 2/2			
			Code specifyir manner in whi	ng expresse	d, or				
	BCT06	684	Catalog Num	0	AN 1/15				
			Identifying nu	mber for catalog or superseded cat	alog	-			
				a catalog number which is super in BCT02. When this data elemen					
Not Used	BCT07	685	Catalog Versi		0	AN 1/15			

Identifying revision number of catalog or superseded catalog Use to identify a catalog revision number that is being supersed BCT09 352 Description O A A free-form description to clarify the related data elements and the content Use to identify the title of the catalog cited in BCT02.				Identif	ying vers	ion	number of catalog or superseded	catalog			
BCT09 352 Description O A free-form description to clarify the related data elements and to content		BCT08	686						AN 1/6		
BCT09 352 Description A free-form description to clarify the related data elements and it content Use to identify the title of the catalog cited in BCT02. Transaction Set Purpose Code Code identifying purpose of transaction set Use of this data element is REQUIRED. OO Original Description Ooriginal Oo Original Use to indicate an original catalog. Add I. Use only when BCT04 is used. 2. Use to indicate an addition to a previously transmitted catalog, when used, this code signifies the addition of a new or first iteration of a loop(s). When use transmit the segment(s) or loop(s) containin data to be added in their entirety. 3. If this change is the result of an approve contract modification, cite the contract modification without replacement, entire occurrence of a free standing segmen or an entire iteration of a loop(s). When use transmit the segment(s) or loop(s) containin data to be added in their entirety. 3. If this change is the result of an approve contract modification, cite the contract modification without replacement, entire occurrence of a free standing segmen or an entire iteration of a loop(s). When use transmit the segment(s) or loop(s) containin data to be deleted in their entirety. 3. If this change is the result of an approve contract modification, cite the contract modification number in the IREF/050 segrecting code 92 in Reff01. Od Change I. Use only when BCT04 is used. 2. Use to indicate a change to a previously transmited catalog that contains a combina of data additions, deletions or changes. Why used, transmit all segments or loops that conditions, determined to the contract modification number in the IREF/050 segrecting code 92 in Reff01. Other Changes I Use only when BCT04 is used. 2. Use to indicate a rehape to a previously transmited catalog that contains a combina of data additions, deletions or changes. Why used, transmit all segments or loops that conditions continued to the deletion of the propose that conditions continued to the deletion of the contract modifi				`							
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Content		BCT09	352								
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Code identifying purpose of transaction set		BCT10	353	Transa	action Se	t P	Purpose Code	O	ID 2/2		
Use of this data element is REQUIRED. 00 Original	USE			Code id	dentifyin	g p	urpose of transaction set				
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previously transmitted transaction set.				07			•	.4 C			
							~ -				
				42							
Preliminary data that will be replaced with permanent information once verification of accuracy and completeness has been perform Use to indicate a promotion or special sale. When used, there must be 1 use of the				<u>'</u>			permanent information once veri accuracy and completeness has b Use to indicate a promotion or s	fication een per pecial s	of formed		

REF Reference Numbers Segment:

050 **Position:**

Loop: Level: Heading Optional 12 Usage: Max Use:

To specify identifying numbers. **Purpose:**

Syntax Notes:

1 At least one of REF02 or REF03 is required.

Semantic Notes: Comments:

Notes:

Use this 1/REF/050 segment to identify reference numbers that apply to all of the items in the catalog. If the reference numbers vary by item, use the 2/REF/040 segment.

		1	Data Elem	ent Summary		
	Ref.	Data				
	Des.	Element	Name			ibutes
Must	REF01	128	Reference Num	ber Qualifier	M	ID 2/2
Use			Code qualifying	the Reference Number.		
			92	Change Document Number		_
				Reference numbers to track cha	nges ma	de to a
				When BCT10 is code 02, 03, or	. 01 if tl	a change
				is the result of a contract modi		
				indicate the contract modificat		
				authorized the change.		
			GC	Government Contract Number		
				Use when the price list being to	ransmitte	ed applies
				to an existing Government con		11
			ME	Message Address or ID		
				Use to indicate the World Wide	Web U	niform
				Resource Locator (URL) wher	e the orig	ginator's
				catalog may be found. When i	ısed, cite	the
			T T	address in REF03.		
			PD	Promotion/Deal Number		
				When BCT10 is code 42, use to		e a
			TON	unique promotion or deal num		
			TN	Transaction Reference Number		
				1. Use to indicate the unique r		
				of a transaction set that is tran of the items or data relating to		
				identified in this transaction se		8
				actifica in this transaction so	•	
				2. When used, cite the related	transact	ion set's
				unique number in REF02 and		
				transaction set designator of th		<i>l</i>
			Wic	transaction set, e.g., 841, in RI	EF03.	
			W6	Federal Supply Schedule Numb		_
				Identifies an item with a two-di		
				two-digit part number, and one	-cnaracte	er section
				letter Use when the price list being to	rancmitt	od annlies
				to an existing Federal Supply		
	REF02	127	Reference Num		X	AN 1/30
	1			er or identification number as defir		
				or as specified by the Reference N		
	REF03	352	Description		X	AN 1/80
	1		_	cription to clarify the related data e	lements a	and their
			content			
			1. When REFO	I is code ME, use to identify the W	orld Wid	de Web
			URL.			
			4 1111 5555			
				l is code TN, use to identify the X	12 transa	iction set
			designator, e.g.,	841.		

DTM Date/Time Reference Segment:

070 **Position:**

Loop: Level:

Heading Optional 10 Usage: Max Use:

To specify pertinent dates and times **Purpose:**

Syntax Notes:

At least one of DTM02 DTM03 or DTM06 is required.
If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes: Comments:

Notes: Use this 1/DTM/070 segment to identify dates that apply to all of the items in the

catalog. When the dates vary by item, use the 2/DTM/030 segment.

				nent Summary		
	Ref.	Data			1	
	Des.	Element	<u>Name</u>			<u>ibutes</u>
Must Use	DTM01	374	Date/Time Qua	alifier	M	ID 3/3
USE			Code specifying	g type of date or time, or both date and	d time	
			007	Effective		
			007	Use to indicate the effective date	of a co	atalog
			015	Promotion Start	oj a ci	iiuiog.
			013	Use, in conjunction with BCT10	anda /	12 to
				indicate the start date of a promo		12, 10
			016	Promotion End		
				Use, in conjunction with BCT10	code 4	12, to
				indicate the stop date of a promo		,
			036	Expiration		
				Date coverage expires		
				Use to indicate the expiration do	te of a	catalog.
	DTM02	373	Date	•	X	DT 6/6
	<u>'</u>		Date (YYMMD	D)	•	
	DTM03	337	Time		X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHM			or
				HMMSSD, or HHMMSSDD, where		
				es $(00-59)$, S = integer seconds $(00-59)$		
				s; decimal seconds are expressed as for	ollows:	D = tenths
				1 1 141 (00 00)		
				hundredths (00-99)	ıde	
	DTM04	623	Use to identify t	hundredths (00-99) the time that a promotion starts or en	-	
	DTM04	623	Use to identify to Time Code	the time that a promotion starts or er	0	ID 2/2
	DTM04	623	Use to identify to Time Code Code identifying	the time that a promotion starts or engree the time. In accordance with Internal	Oational	ID 2/2 Standards
	DTM04	623	Use to identify to Time Code Code identifying Organization sta	g the time. In accordance with Internated and ard 8601, time can be specified by	O ational v a + or	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization state indication in hor	the time that a promotion starts or engree the time. In accordance with Internal	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization statindication in host time; since + is a M in the codes to	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the specified to Universal Time Coolar restricted character, + and - are subthat follow	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization state indication in hor time; since + is a M in the codes to CT	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the surs in relation to Universal Time Coola restricted character, + and - are subthat follow Central Time	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization state indication in host time; since + is a M in the codes to CT ET	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the specified to Universal Time Coolar restricted character, + and - are subthat follow Central Time Eastern Time	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization state indication in hor time; since + is a M in the codes to CT	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the surs in relation to Universal Time Coola restricted character, + and - are subthat follow Central Time	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization state indication in host time; since + is a M in the codes to CT ET	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the specified to Universal Time Coolar restricted character, + and - are subthat follow Central Time Eastern Time	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization state indication in host time; since + is to M in the codes to CT ET GM	g the time. In accordance with International 8601, time can be specified by urs in relation to Universal Time Coola restricted character, + and - are subthat follow Central Time Eastern Time Greenwich Mean Time	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization state indication in host time; since + is a M in the codes to CT ET GM LT	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the surs in relation to Universal Time Coolar restricted character, + and - are subthat follow Central Time	O ational a + or ordinate	ID 2/2 Standards - and an
	DTM04	623	Use to identify to Time Code Code identifying Organization statindication in host time; since + is to M in the codes to CT ET GM LT MT	g the time. In accordance with International 8601, time can be specified by the urs in relation to Universal Time Coolar restricted character, + and - are subthat follow Central Time Eastern Time Greenwich Mean Time Local Time Mountain Time	O ational a + or ordinate	ID 2/2 Standards - and an
			Use to identify to Time Code Code identifying Organization state indication in host time; since + is in M in the codes to CT ET GM LT MT PT Century	g the time. In accordance with International 8601, time can be specified by the urs in relation to Universal Time Coolar restricted character, + and - are subthat follow Central Time Eastern Time Greenwich Mean Time Local Time Mountain Time	O attional va + or ordinate stituted	ID 2/2 Standards - and an - (UTC) I by P and No 2/2
Not Used			Use to identify to Time Code Code identifying Organization statindication in host time; since + is to M in the codes to CT ET GM LT MT PT Century The first two ch	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the specified control of the specified by the specified character, + and - are subthat follow Central Time	O attional va + or ordinate stituted	ID 2/2 Standards - and an - (UTC) I by P and No 2/2
Not Used	DTM05	624	Use to identify to Time Code Code identifying Organization state indication in host time; since + is and in the codes to CT ET GM LT MT PT Century The first two che	g the time. In accordance with International 8601, time can be specified by urs in relation to Universal Time Coolar restricted character, + and - are subthat follow Central Time Eastern Time Greenwich Mean Time Local Time Mountain Time Pacific Time aracters in the designation of the year	O ational 7 a + or ordinate stituted O r (CCY	ID 2/2 Standards - and an - (UTC) I by P and NO 2/2 Y) ID 2/3
	DTM05	624	Use to identify to Time Code Code identifying Organization state indication in host time; since + is and in the codes to CT ET GM LT MT PT Century The first two che	g the time that a promotion starts or engine the time. In accordance with International 8601, time can be specified by the specified character, and are subthat follow Central Time Eastern Time Greenwich Mean Time Local Time Mountain Time Pacific Time aracters in the designation of the year stod Format Qualifier the date format, time format, or date	O ational 7 a + or ordinate stituted O r (CCY	ID 2/2 Standards - and an - (UTC) I by P and NO 2/2 Y) ID 2/3

Segment: CTB Restrictions/ Conditions

Position: 080

Loop:
Level: Heading
Usage: Optional

Usage: Optional Max Use: 25

Purpose: To specify restrictions/conditions (such as shipping, ordering)
Syntax Notes: 1 At least one of CTB02 CTB04 or CTB06 is required.

2 If either CTB03 or CTB04 is present, then the other is required.
3 If either CTB05 or CTB06 is present, then the other is required.

Semantic Notes: Comments:

Notes:

1. Use this 1/CTB/080 segment when the restrictions/conditions apply to all of the items in the catalog. Use the 2/CTB/060 segment when the restrictions/conditions vary by item.

2. If the selling party WILL NOT accept orders from state and local governments, this information shall be provided in this segment by citing code DW in CTB01. If there are no restrictions regarding from whom the selling party will accept orders, do not use code DW in CTB01.

	Ref.		Name		Attr	ributes
lust se	CTB01	688		onditions Qualifier	M ID 2/2	
<u> </u>			Code identifyin	g the type of restriction/condition		
			DW	Direct and Wholesaler		
				Use only if the selling party will orders from state and local gove used, identify in CTB02 from we party will accept orders.	rnment	s. When
			NR	Nonreturnable		
				Use to indicate items are nonret used, identify specific condition nonreturnable items in CTB02.		
			OR	Ordering		
				Use to indicate a minimum or n quantity and/or monetary amou		n order
			SR	Shipping		
				Use to indicate a minimum or n		
	CTB02	352	Description	shipment quantity and/or mone	xary am	AN 1/80
	J 1 2 0 2	1 202	_	scription to clarify the related data ele		
			content	r : I : I : I : I : I : I : I : I : I :		
				form text description of a restriction	or cond	ition
	CTR03	673	Use for a free-J applicable to th	form text description of a restriction to the catalog.		_
	СТВ03	673	Use for a free-j applicable to th Quantity Qual	e items in the catalog. ifier	or cond	ID 2/2
	CTB03	673	Use for a free-japplicable to the Quantity Qual Code specifying	ifier g the type of quantity		_
	CTB03	673	Use for a free-japplicable to the Quantity Qual Code specifying	ifier g the type of quantity Minimum Order Quantity		_
	CTB03	673	Use for a free-japplicable to the Quantity Qual Code specifying	ifier g the type of quantity		_
	CTB03	673	Use for a free-japplicable to the Quantity Qual Code specifying 57 67	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity	t, above dditional examp of 25.	the all le, the tities
	CTB03	673	Use for a free-japplicable to the Quantity Qual Code specifying 57 67	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity Incremental Order Quantity 1. Use to indicate the increment minimum quantity, for which as quantities will be accepted. For minimum quantity may be 50 bit above 50 must be in increments 2. If no minimum quantity will defa	t, above dditional examp of 25.	the all le, the tities
	CTB03	673	Use for a free-japplicable to the Quantity Qual Code specifying 57 67 69	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity Incremental Order Quantity 1. Use to indicate the increment minimum quantity, for which as quantities will be accepted. For minimum quantity may be 50 be above 50 must be in increments 2. If no minimum quantity is st the minimum quantity will defa incremental quantity (when code	t, above dditional examp of 25.	the all le, the tities
	CTB03	380	Use for a free-japplicable to the Quantity Qual Code specifying 57 67 69	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity Incremental Order Quantity 1. Use to indicate the incremen minimum quantity, for which as quantities will be accepted. For minimum quantity may be 50 bis above 50 must be in increments 2. If no minimum quantity is st the minimum quantity will defaincremental quantity (when code Maximum Order Quantity	t, above dditional examp of 25.	the all le, the tities
			Use for a free-japplicable to the Quantity Qual Code specifying 57 67 69 70 MQ Quantity Numeric value	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity Incremental Order Quantity 1. Use to indicate the incremen minimum quantity, for which as quantities will be accepted. For minimum quantity may be 50 bis above 50 must be in increments 2. If no minimum quantity is st the minimum quantity will defa incremental quantity (when code Maximum Order Quantity Maximum Ship Quantity	t, above dditional example at quant of 25.	the all le, the tities de 57), e cited).
			Use for a free-japplicable to the Quantity Qual Code specifying 57 67 69 70 MQ Quantity	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity Incremental Order Quantity 1. Use to indicate the incremen minimum quantity, for which as quantities will be accepted. For minimum quantity may be 50 bis above 50 must be in increments 2. If no minimum quantity is st the minimum quantity will defa incremental quantity (when code Maximum Order Quantity Maximum Ship Quantity	t, above dditional example at quant of 25.	the all le, the tities de 57), e cited).
	CTB04	380	Use for a free-japplicable to the Quantity Qual Code specifying 57 67 69 70 MQ Quantity Numeric value Amount Qualify Code to qualify	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity Incremental Order Quantity I. Use to indicate the increment minimum quantity, for which as quantities will be accepted. For minimum quantity may be 50 be above 50 must be in increments 2. If no minimum quantity will defaincremental quantity will defaincremental quantity (when code Maximum Order Quantity Maximum Ship Quantity of quantity fier Code	t, above dditional examp at quant of 25. ated (coult to the le 69 is a X	the all le, the tities ade 57), ecited).
	CTB04	380	Use for a free-japplicable to the Quantity Qual Code specifying 57 67 69 70 MQ Quantity Numeric value Amount Quali	ifier g the type of quantity Minimum Order Quantity Minimum Ship Quantity Incremental Order Quantity I. Use to indicate the increment minimum quantity, for which as quantities will be accepted. For minimum quantity may be 50 be above 50 must be in increments 2. If no minimum quantity will defaincremental quantity will defaincremental quantity (when code Maximum Order Quantity Maximum Ship Quantity of quantity fier Code	t, above dditional examp at quant of 25. ated (coult to the le 69 is a X	the all le, the tities ade 57), ecited).

				accepted. For example, the minima amount may be \$100 but orders a be in increments of \$50.			
		MA		Maximum Amount			
		MO		Minimum Order Value			
		•	-	Minimum value of order allowed			
CTB06	610	Amount			X	N2 1/15	
		Monetary am	ount			•	

Segment: CUR Currency

Position: 090 Loop:

Level: Heading
Usage: Optional
May Usa: 5

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

Notes: Use this segment to identify a foreign currency in which the prices within the catalog

are stated. Do not use if the prices are stated in US dollars.

	T		Data Elei	ment Summary		
	Ref.	Data				• • • • • • • • • • • • • • • • • • • •
3.6 4	Des.	Element	Name	G 1		ibutes
Must Use	CUR01	98	Entity Identifier Code		M	ID 2/2
			Code identifyin individual	ng an organizational entity, a ph	ysical location	n, or an
			SE	Selling Party		
Must Use	CUR02	100	Currency Cod	e	M	ID 3/3
			Code (Standard specified	ISO) for country in whose curr	rency the char	ges are
			Use to indicate than US dollar.	the currency in which prices a s.	re expressed,	if other
Not Used	CUR03	280	Exchange Rate	е	0	R 4/6
			Value to be used as a multiplier conversion factor to convert mor value from one currency to another			
Not CUR04 98 Used		98			ID 2/2	
			Code identifying an organizational entity, a physical loca individual			
Not Used	CUR05	100	Currency Cod	e	О	ID 3/3
			Code (Standard ISO) for country in whose currency the charge specified			
Not Used	CUR06	669	Currency Mar	ket/Exchange Code	О	ID 3/3
			Code identifyin based	ig the market upon which the cu	irrency excha	nge rate is
Not Used	CUR07	374	Date/Time Qua	alifier	X	ID 3/3
	<u> </u>		Code specifying	g type of date or time, or both d	ate and time	
Not Used	CUR08	373	Date		0	DT 6/6
			Date (YYMMD	DD)		
Not Used	CUR09	337	Time		0	TM 4/8
			HHMMSS, or I 23), M = minut decimal second	H in 24-hour clock time as follow HHMMSSD, or HHMMSSDD, es (00-59), S = integer seconds is; decimal seconds are expressed hundredths (00-99)	where $H = hc$ (00-59) and I	ours (00- OD =
Not Used	CUR10	374	Date/Time Qu	alifier	X	ID 3/3
			Code specifying	g type of date or time, or both d	ate and time	
Not Used	CUR11	373	Date		X	DT 6/6

			Date (YYMMDD)		
Not Used	CUR12	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: H HHMMSS, or HHMMSSD, or HHMMSSDD, wher 23), M = minutes (00-59), S = integer seconds (00-5 decimal seconds; decimal seconds are expressed as (0-9) and DD = hundredths (00-99)	e H = ho (9) and I	ours (00- DD =
Not Used	CUR13	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date at	nd time	
Not Used	CUR14	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR15	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: H HHMMSS, or HHMMSSD, or HHMMSSDD, wher 23), M = minutes (00-59), S = integer seconds (00-5 decimal seconds; decimal seconds are expressed as (0-9) and DD = hundredths (00-99)	e H = ho (9) and I	ours (00- DD =
Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date an	nd time	
Not Used	CUR17	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR18	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: H HHMMSS, or HHMMSSD, or HHMMSSDD, wher 23), M = minutes (00-59), S = integer seconds (00-5 decimal seconds; decimal seconds are expressed as (0-9) and DD = hundredths (00-99)	e H = ho (9) and I	ours (00- DD =
Not Used	CUR19	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date an	nd time	
Not Used	CUR20	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR21	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: H HHMMSS, or HHMMSSD, or HHMMSSDD, wher 23), M = minutes (00-59), S = integer seconds (00-5 decimal seconds; decimal seconds are expressed as (0-9) and DD = hundredths (00-99)	e H = ho (9) and I	ours (00- OD =

 $\overline{\text{ITD}}$ Terms of Sale/Deferred Terms of Sale Segment:

110 **Position:** Loop:

Level: Heading Usage: Optional

Max Use:

Purpose: To specify terms of sale

Syntax Notes: If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.

If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.

If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes: ITD15 is the percentage applied to a base amount used to determine a late payment

Comments:

1 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.

Use this 1/ITD/110 segment to identify sales terms that apply to all of the items in the **Notes:**

	TD 4	T. (Data Elei	nent Summary	ı	
	Ref.	Data	Nom :		A 44	ihute~
Not	<u>Des.</u> ITD01	<u>Element</u> 336	Name Terms Type C	ode	Attr O	ibutes ID 2/2
Used	111001	330	Terms Type C	ouc		10 2/2
	1		Code identifyin	g type of payment terms	l	1
Not	ITD02	333	Terms Basis D	ate Code	О	ID 1/2
Used	Used					
			•	g the beginning of the terms po	eriod	
	ITD03	338	Terms Discour	nt Percent	О	R 1/6
			purchaser if an Date	percentage, expressed as a per invoice is paid on or before the	e Terms Disco	unt Due
				1.25; cite 3% as 3 (note: leadin	ig and trailing	zeros are
No4	Not ITD04 370		suppressed). Terms Discour	of Dura Data	V	DT 6/6
Used 11D04 370		3/0	Terms Discour	it Due Date	X	D1 6/6
Obcu	1		Date payment is	s due if discount is to be earned	d	1
	ITD05	351	Terms Discour		X	N0 1/3
	1	-		s in the terms discount period b		
			if terms discour			
Not Used	ITD06	446	Terms Net Due		0	DT 6/6
			Date when total	l invoice amount becomes due		
	ITD07	386	Terms Net Day	ys	0	N0 1/3
				s until total invoice amount is o	due (discount r	not
			applicable)			T
Not	ITD08	362	Terms Discour	nt Amount	0	N2 1/10
Used			Total amount of	f terms discount		
Not	ITD09	388	Terms Deferre		0	DT 6/6
Used	1100	366	Terms Deterre	u Due Date		D1 0/0
			Date deferred p	ayment or percent of invoice p	ayable is due	1
Not	ITD10	389	Deferred Amo	• • •	X	N2 1/10
Used						
				nt due for payment		
Not	ITD11	342	Percent of Inve	oice Payable	X	R 1/5
Used			Amorrit : C'	sion marroble		
	100010	250		pice payable expressed in perce		A 3 T 4 10 O
Not Used	ITD12	352	Description		0	AN 1/80
oscu			A free-form des	scription to clarify the related of	lata elements a	nd their
			content	r	51511161165 6	
Not Used	ITD13	765	Day of Month		X	N0 1/2
				lue of the day of the month be	tween 1 and th	e
		405		of the month being referenced	Τ	TD 411
	ITD14	107	Payment Meth		0	ID 1/1
				g type of payment procedures		
				that the originator accepts the	government o	credit card
			for payment.	Rilling Account		
			1N	_		
			N N	Billing Account The account or summary a customer's net compensation		

				bank for the relationship with	in this tran	saction	
				Use to indicate the government	ent credit c	ard.	-
Not Used	ITD15	954	Percent		O	R 1/10	
			Percentage expr	essed as a decimal			

LDT Lead Time Segment:

> 120 **Position:**

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose:

To specify lead time for availability of products and services

Syntax Notes:

Semantic Notes: LDT04 is the effective date of lead time information. **Comments:**

Notes:

1 LDT02 is the quantity of unit of time periods.

Use this 1/LDT/120 segment when a date is expressed as a set time period from the occurrence of some event and applies to all of the items in the catalog. If the date

varies by item, use the 2/LDT/140 segment.

			Data En	ement Summary			7	
	Ref.	Data					1	
	Des.	<u>Element</u>	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>		
Must	LDT01	345	Lead Time C	ode	M	ID 2/2		
Use								
			Code indicatir	ng the time range				
			AE	From date of PO receipt to	o shipment		T	
			AF	From date of PO receipt to	o delivery			
			AX From Date of Award to Date of Completion					
			1	Use only for services.			1	
			AY	From Date of Award to D	ate of Deliver	y	1	
Must	LDT02	380	Quantity		M	R 1/15		
Use								
			Numeric value	e of quantity				
Must	LDT03	344	Unit of Time	Period or Interval	M	ID 2/2		
Use								
			Code indicatir	ng the time period or interval				
			DA	Calendar Days			Γ	
			DW	Work Days				
			MO	Month			1	
			WK	Weeks			1	
Not	LDT04	373	Date	I I	0	DT 6/6		
Used								
			Date (YYMM	DD)	•			

SAC Service, Promotion, Allowance, or Charge Information Segment:

Position: 130

Loop:

Purpose:

Level: Heading Usage: Optional Max Use: 25

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes: At least one of SAC02 or SAC03 is required.

- 2 If either SAC03 or SAC04 is present, then the other is required. 3 If either SAC06 or SAC07 is present, then the other is required. 4
- If either SAC09 or SAC10 is present, then the other is required.
- If SAC11 is present, then SAC10 is required. 5
- If SAC13 is present, then at least one of SAC02 or SAC04 is required.
- If SAC14 is present, then SAC13 is required.

Semantic Notes:

- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- SAC08 is the allowance or charge rate per unit.
- SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

- SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:

- Use this segment to identify charges, allowances, no charge services and discounts (including ''free goods'') that apply to all of the items in the catalog. The charge, allowance or discount can be either a dollar rate or a percentage and can be applied to the item unit price, the line item total amount, the total order amount, a specified amount, or various quantities. This information can also be associated with a zone to which deliveries will be made.
- 2. When BCT10 is code 42, discount information identified in this segment refers to promotional discounts.
- 3. Use also to identify taxes that are applicable to all of the items in the catalog. If the taxes differ by item or are not applicable to all the items, use the 2/TXI/166 segment to provide the information.

	Ref.	Data					
	Des.	Element	<u>Name</u>			Attr	<u>ibutes</u>
Must	SAC01	248	Allowar	nce or Ch	arge Indicator	M	ID 1/1
Use			Code wl	hich indic	ates an allowance or charge for t	he service	specified
			A		Allowance		
			С		Charge		
			N		No Allowance or Charge		
			,	<u> </u>	Use to indicate there is no chaspecified service.	arge for th	he
	SAC02	1300	Service, Code	, Promoti	on, Allowance, or Charge	X	ID 4/4
			Code ide	entifying	the service, promotion, allowance	e, or charg	ge
			2. When	n BCT10	be used but the following codes is code 42, codes C300, C310, Ld to identify promotional discou	0170, D44	
					ess Charge sportation Charge		
				Assembly			
				Cancella Cutting (tion Charge Sharge		
					Allowance		
					t - Incentive		

Use to indicate that the contractor offers a discount when payment is made using the government credit card.

C300 Discount - Special

Use to indicate an incremental quantity discount. An incremental quantity discount applies only to the quantity units within its specified range. Successive incremental discounts are applied against a total order quantity. For example, if different discounts are given for quantities, 1 - 10, 11 - 20, 21 - 30, etc., use of this code implies that for a quantity of 25, the first discount applies to the first 10 units, the second discount applies to the next 10 units and the third discount applies to the last 5 units. Identify the quantity in SAC10/11. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This is contrast to the F910 step ladder discount that applies a single discount to the total order quantity.

C310 Discount

Use to indicate a general discount. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This general discount is not used in combination with C300 or F910. Include any general discount within the C300 or F910 discount considerations.

- C370 Diversion Charge
- C580 Emergency Service
- C590 Emergency Surcharge
- C880 Expediting Premium.
- D170 Free Goods
- 1. Use to indicate a quantity provided at no cost if a specified quantity or monetary amount is purchased, e.g., buy 10, get 1 free. For a specified quantity, cite the ''free'' quantity in SAC10 and cite the ''buy'' quantity in SAC11. Identify the specified amount in SAC05.
- 2. If free goods are applicable to a monetary amount range, multiple repetitions of this SAC segment must be transmitted using code D170 in SAC02. In this instance, the amount transmitted represents the base amount to qualify for the number of "free goods" specified in SAC10.

D290 Full Truckload Allowance

D440 Groupage Discount

Use to indicate a discount applicable to a line item total quantity meeting or exceeding the threshold specified in SAC10 or a total line item amount meeting or exceeding the amount cited in SAC05 when SAC15 cites the word "ITEM".

- D500 Handling
- D530 Hazardous Cargo Charge
- D660 Hook-up Charge
- D820 Inside Delivery
- D890 Installation and Training
- D900 Installation
- E930 One Day Service
- F560 Premium Transportation
- F910 Quantity Discount

Use to indicate a step ladder discount applicable to the quantity range specified in SAC10/11. The discount specified for the quantity range containing the total order quantity is the discount to be applied to the order. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This is contrast to the C300 incremental discount that applies to that portion of the total order quantity within each increment.

- G470 Restocking Charge
- G600 Same-Day Service
- G610 Saturday Delivery
- G740 Service Charge

Use to indicate a basic charge for a service call. If the charge varies by distance, e.g., a set price within a 25 mile range, another price within a 50 mile range, etc. use SAC09/10/11 to provide that information.

- G760 Set-up
- G870 Shrink-Wrap Charge
- H000 Special Allowance
- H110 Special Packaging
- H630 Tax City Sales Tax (Only)
- H670 Tax Federal Excise Tax, FET, on Tires
- H700 Tax Local Tax
- H730 Tax Local Sales Tax

			H780 Tax - Su 1330 Two - Do 1380 Unloadi 1530 Volume Use to indicate a or exceeding the amount meeting of SAC15 cites the v 1590 Warrant Use to indicate the ZZZZ Mutuall Use to indicate a	ties ne price for a warranty ly Defined training charge	total or SAC05 v	der vhen
Not	SAC03	559	Agency Qualifier	Data Element Dictionary for accept	table cod	ID 2/2
Used	5/1005	337				10 2/2
Not Used	SAC04	1301	Agency Service, Charge Code	Promotion, Allowance, or	X	AN 1/10
			or charge	ed code identifying the service, pro	mouon,	anowance,
	SAC05	610	Amount Monetary amount		0	N2 1/15
	SAC06	378	(when SAC06 is a necessary, qualify If a charge, allow multiple repetition instance, the amorange.	a amount to which the percentage code 1) or the dollar rate cited in Sy the amount in SAC15 using the vance or discount is applicable to us of this SAC segment must be to out cited represents the lower endage Percent Qualifier	SAC08 a specifie an amoi cansmitt	applies. If d format. unt range, ed. In this
				on what basis allowance or charge		
			2	applied to a specified amount of Item Net Cost Use to indicate a percentage apporter amount. Base Price per Unit Use to indicate a percentage appliem unit price. Base Price Amount Use to indicate a percentage appliem total amount. Mutually Defined Use to indicate the tax percentage all of the items in the catalog.	plied to plied to plied to	the total the Line the Line
	SAC07	332	Percent	att of the tiems in the catalog.	X	R 1/6
			Percent expressed			
			Cite 4.25% as 4.2 suppressed).	5; cite 3% as 3 (note: leading and	trailing	zeros are
	SAC08	118	Rate		0	R 1/9
			specified 1. Use to identify discount. The do quantity range; amount/specified 2. Use also to ide items in the catal	entify a tax monetary value applic log.	arge, ali quantity l order able to a	lowance or or ull of the
	SAC09	355		Measurement Code	X	ID 2/2
			manner in which Use any code oth	the units in which a value is being of a measurement has been taken er than code ZZ. Data Element Dictionary for accept		
	SAC10	380	Quantity	,	X	R 1/15
			quantity range th	quantity is code C300, use to identify the leat results in an incremental disco is code D170, use to identify the	unt.	

			a. To identify the amount as a line item total am "ITEM"b. To identify the amount as a total order amount					
			2. When it is necessary to qualify the amount cit following format: a. To identify the amount as a line item total am					
			1. Use to provide text information related to info within this segment.	ormation p	rovided			
			A free-form description to clarify the related data content					
	SAC15	352	Description	0	AN 1/80			
Used			A unique number identifying available promotion when more than one is offered					
Not Used	SAC14	770	If the discount, allowance, charge, or no charge delivery zone, identify the zone in this data eleme zones and locations within each zone are identifi loop. Option Number	ent. The d	elivery			
			Transaction Set, or as specified by the Reference	Number Q	ualifier.			
	511015	/	Reference number or identification number as def					
	SAC13	127		d in the un	AN 1/30			
			Use to indicate the taxes are d	additive to				
			Value of allowance or charge by recipient and added to invo		Iculated			
			CA Calculate and Add to Invoice					
			Code indicating method of handling for an allowa	nce or cha	rge			
	SAC12	331	Allowance or Charge Method of Handling Code	0	ID 2/2			
			3. When SAC02 is code G740 and SAC10 is used maximum distance applicable to a service charge					
			2. When SAC02 is code D170, use to identify the applicable.	e ''buy'' qı	uantity, if			
			1. When SAC02 is code C300 or F910, use to ide of the quantity range associated with SAC10.	entify the i	upper end			
			Numeric value of quantity					
	SAC11	380	Quantity	0	R 1/15			
			7. When SAC02 is any other code, use to identify which the charge, allowance, or discount applies this quantity will be 1, but if a greater quantity application.	. In most	instances			
			6. When SAC02 is code 1530, use to identify the that results in a discount, if applicable.	total orde	r quantity			
			5. When SAC02 is code G740, use to specify the applicable to a service charge, if appropriate.	minimum	distance			
			4. When SAC02 is code F910, use to identify the lower end of a quantity range that results in a step ladder discount.					
			3. When SAC02 is code D440, use to identify the line item total quantity that results in a discount, if applicable.					

 $FOB \;\; \text{F.O.B. Related Instructions}$ Segment:

Position: 140

Loop:

Level: Heading Usage: Optional

Max Use:

Purpose: To specify transportation instructions relating to shipment

Syntax Notes: If FOB03 is present, then FOB02 is required.

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: FOB01 indicates which party will pay the carrier.

FOB02 is the code specifying transportation responsibility location. 2

3 FOB06 is the code specifying the title passage location.

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: Notes:

1. Use this 1/FOB/140 segment if the Shipment Method of Payment and the FOB point applies to all of the items in the catalog.

2. If the FOB point varies by delivery zone or destinations within a delivery zone, use the 1/N1/150 loop citing code DZ in N101, identify the delivery zone in N103/104 citing code ZN in N103 and identify the FOB point in N405/406.

3. If the FOB point varies by item, use the 2/FOB/160 segment.

			Data Elem	ent Summary	_	
	Ref.	Data				
	Des.	<u>Element</u>	Name		Attri	
Must Use	FOB01	146	Shipment Met	hod of Payment	M	ID 2/2
			Code identifyin	g payment terms for transportation	charges	
			BP	Paid by Buyer		
				The buyer agrees to the transpo		
				term requiring the buyer to pay		
				charges to a specified location	(origin o	r
				destination location) Use to indicate the buyer is to	nau tha	
				transportation charges by issu		,
				Government Bill of Lading (G		
			PP	Prepaid (by Seller)	22).	
			'	Use to indicate that transporta	tion cha	rges are
				not included in the unit price		
				and added as a separate item of	on the in	voice.
			PS	Paid by Seller		
				The seller agrees to the transpo		
				term requiring the seller to pay		
				charges to a specified location destination location)	(origin o	ſ
				Use to indicate transportation	charges	are
				included in the unit price.		
	FOB02	309	Location Quali	ifier	X	ID 1/2
			Code identifyin	g type of location		
			DE	Destination (Shipping)		
			•	Use in conjunction with FOB	01 code I	PS.
			OR	Origin (Shipping Point)		
				Use in conjunction with FOB	01 code I	BP or PP.
			W	Worldwide Geographic Location	on Code	
				Use in conjunction with FOB indicate the FOB point for del continental United States is de FOB point for deliveries outsid Unites States is origin.	iveries w estination	ithin the and the
			ZZ	Mutually Defined		
				Use in conjunction with FOB indicate an Other FOB point to origin nor destination, e.g., a pembarkation. When used, proof the other location in the 1/N citing code KX in N101.	that is ne port of wide the N1/150 se	ither at address egment
Not	FOB03	352	Description		O	AN 1/80
Used						

			A free-form description to clarify the related da	ta elements	and their
			content		
Not Used	FOB04	334	Transportation Terms Qualifier Code	0	ID 2/2
			Code identifying the source of the transportation	n terms	•
Not Used	FOB05	335	Transportation Terms Code	X	ID 3/3
			Code identifying the trade terms which apply to transportation responsibility	the shipme	nt
Not Used	FOB06	309	Location Qualifier	X	ID 1/2
			Code identifying type of location		
Not Used	FOB07	352	Description	0	AN 1/80
			A free-form description to clarify the related da content	ta elements	and their
Not Used	FOB08	54	Risk of Loss Qualifier	0	ID 2/2
			Code specifying where responsibility for risk of	loss passes	
Not Used	FOB09	352	Description	X	AN 1/80
			A free-form description to clarify the related da content	ta elements	and their

N1 Name Segment:

> **Position:** 150

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional (Must Use)

Max Use:

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

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:

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.

N105 and N106 further define the type of entity in N101.

1. Use this 1/N1/150 loop to identify parties that apply to all items in the catalog. If the **Notes:**

information varies by item, use the 2/N1/230 loop.

2. Use also to associate entities with delivery zones, if applicable.

3. Whenever possible, identification and address information should be provided using code values contained in a combination of N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when address information cannot be provided using one of the codes listed in N103.

4. One N1 segment is REQUIRED citing code SE in N101.

					Data	Element Summa	ry			<u></u>
		Ref.	Data							
		Des.	Elemen		<u>Name</u>		•		<u>Attributes</u>	
Must Use	N101	98	Entity	Ide	entifier Co	de	M	ID 2/2		
			40	7		Receiver				
			70			Entity to accept	transm	ission		
						Use to indicate			e catalog.	
			56	5		Servicing Deale		ity to receive the	cuiuiog.	
							a deale		a product. This is the	location to obtain
			C	T		Country of Orig				
						when all items i product and the origin differs by	n this c count item,	catalog are othery of origin is the use code CH in	in, as defined in the Ber than a United State he same for the items. the 2/LIN/010 segme	s domestic end If the country of nt.
			Di	L		Dealer				
						Use to indicate	a deale	r or reseller of	products.	
			D_{s}^{s}	S		Distributor				
							the dist	ributor of the i	tem(s) contained in th	e catalog.
			Di	Z		Delivery Zone				
						Area where the	produc	t was delivered		
						Specify the zone identify the state	e in N1 es or co	04 (e.g., 10, 11, ountries that co	ry area for which the 12, etc.) using code 2 mprise the zone in N4 specifying a price for	ZN in N103 and 102 or N404. The zon
						zones and all lo	cations	within a delive	o may be necessary to ery zone. When identi gnator in N104 for ea	fying all locations
						zone, identify th same for all loc	e FOB ations	point in the 1/1 within a deliver	zone or by locations N4/180 segment. If t y zone, use one repeti repetitions to identify	he FOB point is the tion of this N1 loop t
			K	X		Free on Board P	oint			
			1		•	Use to indicate	the FO	B point when it	has to be described b	y a specific address

rather than as a code value indicating either origin or destination. Use in

			3.677	conjunction w		
			MF	Manufacturer		
			DI			nanufacturer of the item(s) contained in the catalog.
			PL PL	Party to Recei		
						ocation to which an order is to be sent if different than the g party, dealer, or distributor.
			RI	Remit To	seung	purity, active, or distributor.
				Use to indicat	e a spec	cific remit-to address when multiple remit-to addresses w
				provided as po	art of the	he trading partner registration process or a new remit-to
						Do not use when only a single remit-to address was
			CE	Selling Party	part of t	the registration process.
			SE		to the sel	elling party (i.e., the party originating the price sales
				catalog).	e me sei	uing party (i.e., the party originating the price sales
			SF	Ship From		
			<u> </u>	Use to indicat	e a loca	ation from which items will be shipped.
			SV	Service Perfor	mance S	Site
						ntracted for, this describes the organization for whom or
						hich those services will be performed
	N14.00	0.2	NT	Use to indicat		ation where a service is provided.
	N102	93	Name		X	AN 1/35
	N1102		Free-form name		1 37	ID 1/2
	N103	66	Identification (S 1	ID 1/2
			<u> </u>	<u> </u>		e structure used for Identification Code (67)
						nge (EDI) program uses the DUNS number, other onvention may require the use of other and additional
						cross reference existing data bases to new procurement
			actions.	· · · · · · · · · · · · · · · · · · ·		
			1	D-U-N-S Nun	nber, Du	un & Bradstreet
				-	INS or L	DUNS+4 number is preferred over other codes to identify
				an entity.	NIIN C	C Namel and with Farm Channel of Coefficient
			9			S Number with Four Character Suffix
				an entity.		DUNS +4 number is preferred over other codes to identif
			10	-		se Activity Address Code (DODAAC)
				Address Code	•	r a Department of Defense or Civilian Agency Activity
			21	Health Industr	y I.D. N	Number (HIN)
			33	Commercial a	nd Gove	vernment Entity (CAGE)
			38	Country Code		
				When used, c	ite the tv	two position ISO 3166 country code in N104.
			ZN	Zone		
				When N101 is	code D	DZ, use to indicate a delivery zone.
	N104	67	Identification (Code	X	AN 2/20
				g a party or other code		
			When N103 is a	code ZN, cite one of t	he follov	owing::
			4 7 7	7	01 10	1
			identified within		· points	
			c. The word "V	WORLD'' to specify a	ll points	s outside the continental United States that are not
N/a4	N110F	704				ID 2/2
	N105	/06	Enuty Relation	isnip Code	10	ID 2/2
oscu	1		Code describing	g entity relationship		
Not	N106	98	Entity Identifie		О	ID 2/2
Used						
			Code identifyin	g an organizational en	itity, a p	physical location, or an individual
	N105	706	Code identifyin When N103 is of a. A delivery zo b. The word "Codentified within c. The word "Vootherwise identified Relation Code describing Entity Identified	g a party or other code code ZN, cite one of the cone designation, e.g., CONUS'' to specify all in a zone. WORLD'' to specify a diffied within a zone. Inship Code g entity relationship er Code	X e the follow 01, 10, 1 ll points O O	AN 2/20 owing:: Ia, etc. s within the continental United States that are not oth s outside the continental United States that are not ID 2/2

 $N2\,$ Additional Name Information Segment:

Position: 160

N1 Optional (Must Use)

Loop: Level: Heading Usage: Optional

Max Use:

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

Syntax Notes: Semantic Notes: Comments:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. **Notes:**

	Ref. Des.	Data Element	Name	Attrib	<u>outes</u>
Must Use	N201	93	Name	M	AN 1/35
			Free-form name	<u>.</u>	
	N202	93	Name	0	AN 1/35
	•		Free-form name	•	•

N3 Address Information Segment:

Position: 170

N1 Optional (Must Use)

Loop: Level: Heading Usage: Optional

Max Use:

To specify the location of the named party **Purpose:**

Syntax Notes: Semantic Notes: Comments:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. **Notes:**

	Ref. Des.	Data Element	Name	Attrib	utes
Must Use	N301	166	Address Information	M	AN 1/35
			Address information		
	N302	166	Address Information	0	AN 1/35
		•	Address information		•

N4 Geographic Location Segment:

Position: 180

N1 Loop: Optional (Must Use)

Heading Level: Usage: Optional

Max Use: **Purpose:**

To specify the geographic place of the named party

Semantic Notes:

Comments:

Syntax Notes: If N406 is present, then N405 is required.

specify a location.

N402 is required only if city name (N401) is in the USA or Canada. 1. This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. **Notes:**

2. When N101 is code DZ and N104 does not cite the words "CONUS" or "WORLD", this segment may be used to identify locations within a delivery zone and the FOB point if it varies by delivery zone or locations within a delivery zone.

A combination of either N401 through N404, or N405 and N406 may be adequate to

	Ref.	Data	I			
	Des.	Element		<u>Name</u>		
	N401	19	City Name		0	AN 2/30
<u> </u>		·	Free-form text for c	ity name	·	
	N402	156	State or Province		0	ID 2/2
			Code (Standard Sta	te/Province) as defined by appropriate go	vernment	agency
	N403	116	Postal Code		O	ID 3/11
			Code defining inter	national postal zone code excluding punc	tuation an	d blanks (zip code for Unit
	N404	26	Country Code		O	ID 2/3
			Code identifying the	·		
			Cite the position IS	O 3166 country code.		
	N405	309	Location Qualifier		X	ID 1/2
II			Code identifying ty	pe of location	•	•
II			1. When N101 is co	ode DZ and the 1/FOB/140 segment is n	ot used to	identify the FOB point, u
II						
				t is the same for all locations within a de	elivery zor	ne, one repetition of the NI
			DE	Destination (Shipping)		
			OA	Origin (After Loading on Equipment) Use to indicate FOB Origin with trans	m autatian	ahanasa nuanaid ku tha asli
			OR	Origin (Shipping Point)	portation	cnarges prepaia by the sett
			OK	Use to indicate FOB Origin with trans	nortation	charaes naid by a Govern
l			ZN	Zone Code	portution	charges pala by a Governin
l			211	Qualifies a code that identifies a geogra	nhic area	where transportation rates a
ll .				When it is necessary to associate the en		-
ll .				SV, etc.).	y morn	good in 11101 min a active
l			ZZ	Mutually Defined		
				Use to indicate an FOB point other the	ın origin o	or destination. Identify the
	N406	310	Location Identifier	•	0	AN 1/30
ll '		•	Code which identifi	ies a specific location		'
			1 When N405 is co	ode ZZ, use to identify the location of th	e Other F	OR naint Cite the 5 posit
ll				tions Location Code Manual.	c Omei I	OD point. One the 3 posti
ll						
ll			2. When N405 is coin establishing the	ode ZN, use to identify a delivery zone a	ssociated	with the entity identified in
			in establishing the	Lone.		

REF Reference Numbers Segment:

190 **Position:**

N1 Optional (Must Use)

Loop: Level: Heading Optional 12 Usage: Max Use:

To specify identifying numbers. **Purpose:**

Syntax Notes: 1 At least one of REF02 or REF03 is required.

Semantic Notes: Comments:

Notes: Use, if applicable, to identify the personal identification number assigned to the

submitting contractor by the agency receiving this transaction set.

	Ref.	Data					
	Des.	Element	Name			Attri	<u>butes</u>
Must Use	REF01	128	Reference Nur	mbe	er Qualifier	M	ID 2/2
			Code qualifyin	g th	e Reference Number.	•	
			4A		Personal Identification Number ((PIN)	
					A number that uniquely identifie	s an in	dividual
	REF02	127	Reference Nu	mbe	er	X	AN 1/30
					or identification number as definer as specified by the Reference Nu		
Not Used	REF03	352	Description			X	AN 1/80
			A free-form de content	scri	ption to clarify the related data ele	ements	and their

PER Administrative Communications Contact Segment:

Position: 200

N1 Loop: Optional (Must Use)

Heading Level: Usage: Optional Max Use:

Purpose:

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

Syntax Notes: If either PER03 or PER04 is present, then the other is required.

If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: This segment will be used when the point of contact is related to an entity identified in

				Data Eleme	en	t Summary		1
	Ref.	Data	Nom				A ++ mil	autos
	Des.	Element	Nam	<u>.e</u>			Attril	<u>butes</u>
Must Use	PER01	366	Cor	ntact Function	on	Code	M	ID 2/2
				le identifying ap named	g tł	ne major duty or responsibility of t	he pers	on or
				1A		Review/Repricing Contact		
						Use to indicate the party authori lower prices, e.g., when the max reached on Federal Supply Sche contracts.	imum d edule (1	order is
				AC		Administrative Contracting Office		
						Use to indicate the originating p Manager for Federal Supply Sci contracts.		
			•	CR		Customer Relations		
						Use to indicate a customer service	ce cont	act.
]	EA		EDI Coordinator		
			(OD		Order Department		
				SE		Service Organization		
						When N101 is code SV, use to in communication numbers for a st Use of PER02 to identify an indicis optional.	ervice l	ocation.
			,	TR		Technical Marketing Representat	tive	
				l.		Use to indicate a technical infor	mation	contact.
	PER02	93	Nan	ne			0	AN 1/35
			Free	e-form name			1	-I
			first cha	t name is pre racters, the u	fei ise	name of a point of contact. Last rred. If the whole name is longer to of initials for the first name is re ted to cite the party's title.	than 3	5
	PER03	365				Number Qualifier	X	ID 2/2
			Cod	le identifying	g th	ne type of communication number	•	•
				EM		Electronic Mail		
]	FX		Facsimile		
]	IT		International Telephone		
				<u> </u>		Include the country code.		
			,	TE		Telephone		
			1			Use to indicate the commercial t number of the individual cited in Include the area code.		
	PER04	364	Con	nmunication	ı N	Number	X	AN 1/80
	- '			nplete commen applicable		ications number including country	or are	a code
			All	numbers, oth	hei	r than those associated with code		
	PER05	365				ontinuous number with no extran Number Qualifier	eous ch X	ID 2/2
	1 EKU3	303				ne type of communication number	Λ	11/2/2
			Use in P PEI	to identify a PER02. For e R05/06 can b	se exa	econd communications number fo umple, if PER03/04 cites a telepho used to cite a FAX number.		
				EM		Electronic Mail		

		EX		Telephone Extension		
				Use only if PER03 is used citing	code	TE.
		FX		Facsimile		
		IT		International Telephone		
		<u> </u>		Include the country code.		
		TE		Telephone		
		1	1	Use to indicate the commercial number of the individual cited include the area code.	n PER	
PER06	364	Commu	ınication	Number	X	AN 1/80
		when ap	plicable bers, oth	nications number including countr er than those associated with code continuous number with no extran	EM, si	hall be
PER07	365			Number Qualifier	X	ID 2/2
· ·				the type of communication number		
				third communications number for		rty cited in
		EM		Electronic Mail		
		EX		Telephone Extension		
				Use only if PER05 is used citing	g code	TE.
		FX		Facsimile		
				1 desimile		
		IT		International Telephone		
				International Telephone		
		IT		International Telephone Include the country code.		
PER08	364	TE	unication	International Telephone Include the country code. Telephone Use to indicate the commercial number of the individual cited i		
PER08	364	TE Commu Complet when ap	te commu	International Telephone Include the country code. Telephone Use to indicate the commercial number of the individual cited in Include the area code. Number Inications number including country	X y or are	AN 1/80 ea code
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LIN Item Identification Segment:

Position: 010

> Loop: LIN Optional

Detail Level: Usage: Optional

Max Use:

Purpose: To specify basic item identification data

Syntax Notes: If either LIN04 or LIN05 is present, then the other is required.

- If either LIN06 or LIN07 is present, then the other is required.
- If either LIN08 or LIN09 is present, then the other is required.
- If either LIN10 or LIN11 is present, then the other is required.
- If either LIN12 or LIN13 is present, then the other is required.
- If either LIN14 or LIN15 is present, then the other is required.
- If either LIN16 or LIN17 is present, then the other is required.
- If either LIN18 or LIN19 is present, then the other is required. If either LIN20 or LIN21 is present, then the other is required.
- 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.
- If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes: Comments:

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

Notes:

- 1. Use this segment to identify all the items in the catalog that can be purchased, including items provided with a system or kit that can be purchased separately.
- 2. When BCT10 is code 42, use also to identify ALL promotional items. Specify the prices, discounts, restrictions, promotional periods and other necessary information in the applicable segments within this LIN loop.
- 3. This segment is also used to identify a system, kit, etc., that is comprised of multiple items. When used in this manner, identify the items that comprise the system or kit in the 2/SLN/020 segment. If the item can be purchased separately, it MUST also be identified in this LIN segment.
- 4. Promotional items associated with a system, kit, or other items in this catalog MUST be identified in this segment; not in the 2/SLN/020 segment. In this instance, use of the 2/REF/040 segment is REQUIRED citing code 2S in REF01 and the number from LIN01 of the associated system, kit or item in REF02.

	Ref.	Data	· ·		
	Des.	Element	Name	Attril	<u>outes</u>
Rec	LIN01	350	Assigned Identification	0	AN 1/11
			Alphanumeric characters assigned for differentiation	within	a
			transaction set		
			Use of this data element is RECOMMENDED to sp number or equivalent identifier to differentiate am catalog, e.g., 1, 001, 1001, etc. This identifier is ess specific items or services in the catalog with other i	ong iten sential t	ns in the
Must Use	LIN02	235	Product/Service ID Qualifier	M	ID 2/2
			Code identifying the type/source of the descriptive in Product/Service ID (234)	umber ı	ised in
			1. Data elements 235 and 234 are used in 15 pairs Use as many pairs as necessary to identify the item with an identifying pair of data elements, any applianced with data element 235.	When	working
			2. Use any code to describe the item. The following code list.	g is a pi	referred
			AK Refined Product Code CH Country of Origin		
			CH Country of Origin Use to indicate the country of origin, as defined in	the Ruy	American
			Act, when the item is other than a United States do		
			product. When used, cite the 2 position ISO 3166 of		

following DE 234.

CG Commodity Grouping

Use to indicate a commodity code, the 2 position Federal Supply Group code.

CL Color

DP Discontinued Part Number

Use to indicate an item that has been discontinued and replaced by the item identified in this LIN loop.

EN European Article Number (EAN)(2-5-5-1)

F7 End-Item Description.

Use to indicate the end item to which the item applies.

F8 Next Higher Used Assembly

Use to indicate the next higher assembly to which the item applies.

FS National Stock Number

The NSN shall be transmitted without dashes.

FT Federal Supply Classification

Use to indicate the 4 position Federal Supply Classification code or Product Service code.

HI HIBC (Health Care Industry Bar Code)

KM Shelf-Life Code

KN Shelf-Life Action Code

MF Manufacturer

When used, cite the DUNS number of the manufacturer in the following 234 data element.

MG Manufacturer's Part Number

When used, a second 235/234 pair must be used citing code MF, ZB, or ZZ.

MN Model Number

- N1 National Drug Code in 4-4-2 Format
- N2 National Drug Code in 5-3-2 Format
- N3 National Drug Code in 5-4-1 Format
- N4 National Drug Code in 5-4-2 Format
- ND National Drug Code (NDC).
- PA Pattern Number
- PD Part Number Description

Use to indicate the noun nomenclature of the item.

PI Purchaser's Item Code

Use to indicate a GSA Special Item Number

RR Replacement Product Number

Use to indicate an item number in this catalog that will replace the item identified in this LIN loop when stock is exhausted.

SR Substitute Product Number

Use to indicate an item number in this catalog that is a suggested substitute for the item identified in this LIN loop.

SV Service Rendered

Use to indicate (in clear text) a service.

SN Serial Number

SS Superseded Part Number

Use to indicate an item that is still available but has been superseded by the item identified in this LIN loop.

SZ Vendor Alphanumeric Size Code (NRMA)

Use to indicate the size of the item. (No X12 Code Source is associated with this code). Cite a readily understood size applicable to the item, e.g., size for clothing, shoes, rings, etc.

UA U.P.C./EAN Case Code (2-5-5)

- UI U.P.C. Consumer Package Code (1-5-5)
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VA Vendor's Style Number
- VC Vendor's (Seller's) Catalog Number

Use to indicate the number of the item within the catalog.

VP Vendor's (Seller's) Part Number

Use to indicate a part number assigned by a contractor other than the manufacturer.

LIN05 234 Product/Service ID Qualifier X	ID 2/2 used in de values. AN 1/40 ID 2/2 used in de values. AN 1/40 ID 2/2 ID 2/2
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Identifying number for a product or service	ID 2/2 used in de values. AN 1/40 ID 2/2 used in de values.
	ID 2/2 used in de values. AN 1/40 ID 2/2 used in
LIN22 235 Product/Service ID Qualifier X	ID 2/2 used in de values. AN 1/40 ID 2/2 used in de values. AN 1/40
Code identifying the type/source of the descriptive number	ID 2/2 used in de values. AN 1/40 ID 2/2 used in de values. AN 1/40 ID 2/2
Product/Service ID (234) Refer to 003050 Data Flament Dictionary for acceptable of	ID 2/2 used in de values. AN 1/40 ID 2/2 used in de values. AN 1/40 ID 2/2
Refer to 003050 Data Element Dictionary for acceptable co	ID 2/2 used in de values. AN 1/40 ID 2/2 used in de values. AN 1/40 ID 2/2 used in
LIN23 234 Product/Service ID X	ID 2/2 used in de values. AN 1/40 ID 2/2 used in de values. AN 1/40 ID 2/2 used in

		Identifying number for a product or service			
LIN24	235	Product/Service ID Qualifier	X	ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Refer to 003050 Data Element Dictionary for acce	acceptable code values.		
LIN25	234	Product/Service ID	X	AN 1/40	
		Identifying number for a product or service	•		
LIN26	235	Product/Service ID Qualifier	X	ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
LIN27	234	Product/Service ID	X	AN 1/40	
		Identifying number for a product or service			
LIN28	235	Product/Service ID Qualifier	X	ID 2/2	
·		Code identifying the type/source of the descriptive Product/Service ID (234)	number	used in	
		Refer to 003050 Data Element Dictionary for acce	ptable co	de values.	
LIN29	234	Product/Service ID	X	AN 1/40	
,		Identifying number for a product or service	'		
LIN30	235	Product/Service ID Qualifier	X	ID 2/2	
-		Code identifying the type/source of the descriptive Product/Service ID (234)	number	used in	
		Refer to 003050 Data Element Dictionary for acce	acceptable code values.		
LIN31	234	Product/Service ID	X	AN 1/40	
		Identifying number for a product or service	1		

 $G53\,$ Maintenance Type Segment:

Position: 015

Optional LIN

Loop: Level: Detail Usage: Optional

Max Use:

To identify the specific type of item maintenance

Purpose: Syntax Notes: **Semantic Notes: Comments:**

When BCT10 is code 02, 03, or 04, use to identify the action applicable to the item identified in the same LIN loop. **Notes:**

	Ref.	Data			
1	Des.	Element	<u>Name</u>	Attribut	es
Must Use	G5301	875	Maintenanc	e Type Code M 1	ID 3/3
			Code identify	ring the specific type of item maintenance	
			001	Change	
				Use only when the codes 002 or 021 do no apply. When used, the entire LIN loop mu transmitted containing ALL information applicable to the item identified in LIN01.	est be
			002	Delete	
				Use only when an item identified in the sa LIN loop is being deleted from the catalog	
			021	Addition	
				Use only when the item identified in the so LIN loop is being added to the catalog.	ате

SLN Subline Item Detail Segment:

Position: 020

> LIN Optional Loop:

Level: Detail Usage: Optional Max Use: 100

Purpose:

To specify product subline detail item data

Syntax Notes: If SLN07 is present, then SLN06 is required.

- If SLN08 is present, then SLN06 is required.
- 3 If either SLN09 or SLN10 is present, then the other is required.
- If either SLN11 or SLN12 is present, then the other is required.
- If either SLN13 or SLN14 is present, then the other is required.
- 6 If either SLN15 or SLN16 is present, then the other is required.
- If either SLN17 or SLN18 is present, then the other is required.
- If either SLN19 or SLN20 is present, then the other is required. 8
- If either SLN21 or SLN22 is present, then the other is required.
- 10 If either SLN23 or SLN24 is present, then the other is required. If either SLN25 or SLN26 is present, then the other is required. 11
- If either SLN27 or SLN28 is present, then the other is required.
- Semantic Notes:
 - SLN01 is the identifying number for the subline item.
 - 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
 - SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
 - SLN08 is a code indicating the relationship of the price or amount to the associated

Comments:

- See the Data Dictionary for a complete list of ID's.
- SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number
- SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No.,

Notes:

- 1. Use this 2/SLN/020 segment only to identify items that:
 - a. Are provided with a system or kit (SLN03 code I)
- b. Can be added to or deleted from a kit or system (SLN03 is code A or SLN08 is code D)
- c. Items that can be substituted for other items provided with a system or kit (SLN03 code S)
- d. Items that can be selected as "free goods" when a system or kit is purchased (SLN03 code O)
- 2. DO NOT USE this segment to identify promotional items associated with a system, kit or another catalog item. Use the 2/LIN/010 segment and the 2/CTP/170 loop (citing code PRP in CTP02) to identify these promotional items.

	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>		Attı	<u>ributes</u>		
Must Use	SLN01	350	Assigned Ide	ntification	M	AN 1/11		
				Alphanumeric characters assigned for differentiation within a transaction set				
			this SLN segn purchased sep number cited	log number is RECOMM nent. If the item identificarately, the catalog num in the 2/LIN/010 segme er applies, cite a sequen	ied in this SLN segr nber should be the s nt. For those items	nent can be same as the for which no		
Not Used	SLN02	350	Assigned Ide	ntification	0	AN 1/11		
			Alphanumeric transaction set	characters assigned for	differentiation with	n a		
Must Use	SLN03	662	Relationship	Code	M	ID 1/1		
			Code indicatir	ng the relationship betwe	en entities	1		
			A	Add				
				system or kit for a	item that can be ad n additional amoun the additive amount	t, e.g., a		
			I	Included				
				Use to indicate the system or kit at no	e item is provided w additional cost.	ith the		

			О	Information Only					
				Charges which relate to but m in or added to the unit price of compute WATS calculation b	f the SLN.	(i.e.,			
				amounts)	aseu upon	usage			
				Use to indicate that the item i					
				segment is one of multiple ite chosen as options at no addit					
				item identified in LIN02 of th					
				purchased. Cite the quantity	that can b	e chosen			
			S	in SLN04. Substituted					
			5	Use to indicate an item that c	an be sub	stituted			
				for one of the items provided					
				kit. If there is an incrementa					
				decrease in the price of the sy applicable to the substitute, in					
	1	T		or decrease in SLN06.					
Must Use	SLN04	380	Quantity		M	R 1/15			
Osc			Numeric value o	f quantity					
			1. When SLN03	is code A or S, cite the quantity	that can b	be added or			
			substituted.						
			2 When SI NO3	is code I, use to identify the qua	antity of th	o itom that			
				the system or kit. For example,					
				ers, cite the number 4.	y				
			2 1171 - 67 3102	in and a Orange of the state of		4			
				3. When SLN03 is code O, use to identify the quantity of items that can be chosen as options at no additional price. For example, if 8					
				items have code O cited in SLN03, and the number 5 is cited in this					
			data element, the	at indicates 5 items from the ider					
			chosen.						
Must	Must SLN05 355		Unit or Basis for Measurement Code			ID 2/2			
Use	521102			i weasurement couc	M	10 2/2			
				the units in which a value is bein	g expresse	ed, or			
				a measurement has been taken					
				than code ZZ, may be used. Data Element Dictionary for acce	antable acc	do voluos			
	SLN06	212	Unit Price	Data Element Dictionary for acce	X	R 1/17			
	DELITO	212	Cint I lice		2 X	1/1/			
			Price per unit of	product, service, commodity, etc.					
	<u> </u>			product, service, commodity, etc.		at can be			
				product, service, commodity, etc. is code A, cite the full price of the		at can be			
			1. When SLN03 added.	is code A, cite the full price of t	he item th				
			 When SLN03 added. When SLN08 	is code A, cite the full price of the second second second by the credit amount is code D, cite the credit amount	he item th at if the ite	m is			
			 When SLN03 added. When SLN08 deleted. When contains a superior of the superior of th	is code A, cite the full price of t	he item th at if the ite	m is			
			 When SLN03 added. When SLN08 deleted. When cobase price. Do not see the see that th	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a cot transmit a negative sign.	he item th at if the ite a reduction	m is 1 to the			
			 When SLN03 added. When SLN08 deleted. When cobase price. Do not 3. When SLN03 	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a cot transmit a negative sign.	he item th at if the ite a reduction	m is 1 to the ase or			
			 When SLN03 added. When SLN08 deleted. When cobase price. Do not see that the second decrease, if appl. 	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a cot transmit a negative sign.	he item th at if the ite a reduction	m is 1 to the ase or			
			 When SLN03 added. When SLN08 deleted. When cobase price. Do not 3. When SLN03 	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a cot transmit a negative sign.	he item th at if the ite a reduction	m is 1 to the ase or			
	SLN07	639	 When SLN03 added. When SLN08 deleted. When cobase price. Do not see that the second decrease, if appl. 	is code A, cite the full price of the credit amount of the D is used, the value cited is a not transmit a negative sign. It is code S, cite the incremental pricable. For an incremental pricable.	he item th at if the ite a reduction	m is 1 to the ase or			
	SLN07	639	1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that the second seed of the	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. This code S, cite the incremental pricable. For an incremental pricable.	the item the ite ite is reduction orice increed decrease	m is 1 to the ase or , transmit			
			1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that the seed of	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. It is code S, cite the incremental pricable. For an incremental pricable code	he item that if the item reduction orice increase	m is n to the ase or , transmit			
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Not Used			1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that the seed of	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price ice Code the type of unit price for an item ode the relationship between entities	he item that if the item reduction orice increase	m is n to the ase or , transmit			
			1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that the second and th	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price ice Code the type of unit price for an item ode the relationship between entities Delete	he item the item the item of t	m is n to the ase or , transmit ID 2/2 ID 1/1			
			1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that the seed of	is code A, cite the full price of the code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price ice Code the type of unit price for an item ode the relationship between entities	tif the iten reduction orice incre e decrease O	m is not the ase or transmit ID 2/2 ID 1/1 hat the			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that the seed of the seed o	is code A, cite the full price of the sis code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable the type of unit price for an item ode the relationship between entities Delete When SLN03 is code I use to item can be deleted for a credic credit amount in SLN06.	ti if the iten the reduction orice incree decrease O	m is noto the ase or transmit ID 2/2 ID 1/1 that the the			
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	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that a negative sign. Basis of Unit Product/Service Code identifying	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price ice Code the type of unit price for an item ode the relationship between entities Delete When SLN03 is code I use to item can be deleted for a credit amount in SLN06. EID Qualifier the type/source of the descriptive	he item the item that if the item reduction orice increed decrease O O indicate the indicate the indicate the item of the indicate the item of the indicate the item of the it	m is n to the ase or , transmit ID 2/2 ID 1/1 hat the the			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When co base price. Do not 3. When SLN03 decrease, if apple a negative sign. Basis of Unit Pr Code identifying Relationship Co Code indicating D Product/Service Code identifying Product/Service	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable the type of unit price for an item ode the relationship between entities Delete When SLN03 is code I use to item can be deleted for a credit amount in SLN06. EID Qualifier the type/source of the descriptive ID (234)	to the item the item that if the item item item item item item item ite	m is a to the ase or transmit ID 2/2 ID 1/1 hat the the the liberated in			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When co base price. Do n 3. When SLN03 decrease, if appl a negative sign. Basis of Unit Pr Code identifying Relationship Co Code indicating to D Product/Service Code identifying Product/Service 1. Data element	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price ice Code the type of unit price for an item ode the relationship between entities Delete When SLN03 is code I use to item can be deleted for a credit amount in SLN06. EID Qualifier the type/source of the descriptive	to the item the item that if the item is reduction orice increes the decrease of the indicate the indicate the item is in this statement.	m is a to the ase or transmit ID 2/2 ID 1/1 hat the the the last the state of the last the segment.			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When control base price. Do not see the seed of the seed	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable when such it is code I use to item can be deleted for a credit amount in SLN06. ID Qualifier the type/source of the descriptive ID (234) s 235 and 234 are used in 10 pairs as necessary to identify the item pair of data elements, any apprice is such in the such in the pair of data elements, any apprice is such in the such in the such in the such in the item pair of data elements, any apprice is such in the such	to the item the item that if the item is reduction orice increes the decrease of the indicate the item indicate the item. When	m is not the ase or transmit ID 2/2 ID 1/1 hat the the the last the segment. working			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see the see that s	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable when such it is code I use to item can be deleted for a credit amount in SLN06. ID Qualifier the type/source of the descriptive ID (234) s 235 and 234 are used in 10 pairs as necessary to identify the item pair of data elements, any apprice is such in the such in the pair of data elements, any apprice is such in the such in the such in the such in the item pair of data elements, any apprice is such in the such	to the item the item that if the item is reduction orice increes the decrease of the indicate the item indicate the item. When	m is not the ase or transmit ID 2/2 ID 1/1 hat the the the last the segment. working			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When control base price. Do not see the seed of the seed	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable when such it is code I use to it it is c	tif the iten the reduction orice incree decrease of the indicate the indicate the indicate the irr in this seem. When opticable controls of the irr in this seem.	m is not the ase or transmit ID 2/2 ID 1/1 hat the the the the working ode can be			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When control base price. Do not see the seed of the seed	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable when such it is code I use to item can be deleted for a credit amount in SLN06. ID Qualifier the type/source of the descriptive ID (234) s 235 and 234 are used in 10 pairs as necessary to identify the item pair of data elements, any apprice is such in the such in the pair of data elements, any apprice is such in the such in the such in the such in the item pair of data elements, any apprice is such in the such	tif the iten the reduction orice incree decrease of the indicate the indicate the indicate the irr in this seem. When opticable controls of the irr in this seem.	m is not the ase or transmit ID 2/2 ID 1/1 hat the the the the working ode can be			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not see that a negative sign. Basis of Unit Proceed identifying Relationship Coode indicating a Delete Took in the product/Service Code identifying Product/Service 1. Data element Use as many paint with an identifying used with data etc. 2. Use any code code list.	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable the type of unit price for an item ode the relationship between entities Delete When SLN03 is code I use to item can be deleted for a credit amount in SLN06. in Qualifier the type/source of the descriptive item type/source of the descriptive item gpair of data elements, any applement 235. to describe the item. The follow	tif the iten the reduction orice incree decrease of the indicate the indicate the indicate the irr in this seem. When opticable controls of the irr in this seem.	m is not the ase or transmit ID 2/2 ID 1/1 hat the the the the working ode can be			
	SLN08	662	1. When SLN03 added. 2. When SLN08 deleted. When cobase price. Do not a negative sign. 3. When SLN03 decrease, if apple a negative sign. Basis of Unit Product Service Code identifying Product/Service 1. Data element Use as many pair with an identifying used with data experience. 2. Use any code	is code A, cite the full price of the is code D, cite the credit amount ode D is used, the value cited is a not transmit a negative sign. is code S, cite the incremental price icable. For an incremental price icable. For an incremental price icable the type of unit price for an item ode the relationship between entities Delete When SLN03 is code I use to item can be deleted for a credit amount in SLN06. EID Qualifier the type/source of the descriptive ite type/source of the descriptive is 235 and 234 are used in 10 pairs as necessary to identify the item g pair of data elements, any applement 235. to describe the item. The followed oduct Code	tif the iten the reduction orice incree decrease of the indicate the indicate the indicate the irr in this seem. When opticable controls of the irr in this seem.	m is not the ase or transmit ID 2/2 ID 1/1 hat the the the the working ode can be			

the Sony brand name for a TV or computer monitor.

CH Country of Origin

Use to indicate the country of origin, as defined in the Buy American Act, when the item is other than a United States domestic end product. When used, cite the 2 position ISO 3166 country code in the following DE 234.

CG Commodity Grouping

Use to indicate a commodity code, e.g., the 2 position Federal Supply Group code.

CL Color

CN Commodity Name

Use to indicate a class or category of products or services, e.g., furniture, hand tools, monitors, accessories, painting, landscaping, etc.

DP Discontinued Part Number

Use to indicate an item that has been discontinued and replaced by the item identified in this LIN loop.

EN European Article Number (EAN)(2-5-5-1)

F7 End-Item Description.

Use to indicate the end item to which the item applies.

F8 Next Higher Used Assembly

Use to indicate the next higher assembly to which the item applies.

FS National Stock Number

The NSN shall be transmitted without dashes.

FT Federal Supply Classification

Use to indicate the 4 position Federal Supply Classification code or Product Service code.

HI HIBC (Health Care Industry Bar Code)

KM Shelf-Life Code

KN Shelf-Life Action Code

MF Manufacturer

When used, cite the DUNS number of the manufacturer in the following 234 data element.

MG Manufacturer's Part Number

When used, a second 235/234 pair must be used citing code MF, ZB, or ZZ.

MN Model Number

- N1 National Drug Code in 4-4-2 Format
- N2 National Drug Code in 5-3-2 Format
- N3 National Drug Code in 5-4-1 Format
- N4 National Drug Code in 5-4-2 Format
- ND National Drug Code (NDC).
- PA Pattern Number
- PD Part Number Description

Use to indicate the noun nomenclature of the item.

PI Purchaser's Item Code

Use to indicate a GSA Special Item Number

RR Replacement Product Number

Use to indicate an item number in this catalog that will replace the item identified in this LIN loop when stock is exhausted.

SR Substitute Product Number

Use to indicate an item number in this catalog that is a suggested substitute for the item identified in this LIN loop.

SV Service Rendered

Use to indicate (in clear text) a service.

SN Serial Number

SS Superseded Part Number

Use to indicate an item that is still available but has been superseded by the item identified in this LIN loop.

SZ Vendor Alphanumeric Size Code (NRMA)

Use to indicate the size of the item.

		UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1) VA Vendor's Style Number VC Vendor's (Seller's) Catalog Number Use to indicate the number of the item within the	, and the second	
		Use to indicate a part number assigned by a contramanufacturer.	actor oth	er than the
		ZB Commercial and Government Entity (CAGE Use to indicate a manufacturer who can be identificate.)		CAGE
		ZZ Mutually Defined Use to indicate a clear text name of a manufactur	or	
		Refer to 003050 Data Element Dictionary for accep		de values.
SLN10	234	Product/Service ID	X	AN 1/40
GT 2744		Identifying number for a product or service	1	T T A /A
SLN11	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive Product/Service ID (234)	number	usea in
		Refer to 003050 Data Element Dictionary for accep	otable co	de values.
SLN12	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service	T	T
SLN13	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive Product/Service ID (234)	number	used in
		Refer to 003050 Data Element Dictionary for accept	otable co	de values.
SLN14	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
SLN15	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive Product/Service ID (234)	number	used in
		Refer to 003050 Data Element Dictionary for accept	otable co	de values.
SLN16	234	Product/Service ID	X	AN 1/40
l		Identifying number for a product or service	<u> </u>	1
SLN17	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive	number	used in
		Product/Service ID (234) Refer to 003050 Data Element Dictionary for accept	ntable co	de values
SLN18	234	Product/Service ID	X	AN 1/40
I		Identifying number for a product or service		<u> </u>
SLN19	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive	number	used in
		Product/Service ID (234) Refer to 003050 Data Element Dictionary for accept	atabla aa	do valuos
SLN20	234	Product/Service ID	\mathbf{X}	AN 1/40
511120	254	Identifying number for a product or service	7.	1111 1/40
SLN21	235	Product/Service ID Qualifier	X	ID 2/2
<u> </u>		Code identifying the type/source of the descriptive		
		Product/Service ID (234)	.4.1.1	41
SI N22	234	Refer to 003050 Data Element Dictionary for accep Product/Service ID	X	
SLN22	234	Identifying number for a product or service	Λ	AN 1/40
SLN23	235	Product/Service ID Qualifier	X	ID 2/2
521,20		Code identifying the type/source of the descriptive		
		Product/Service ID (234)		
CT STA 4	224	Refer to 003050 Data Element Dictionary for accep		1
SLN24	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
SLN25	235	Product/Service ID Qualifier	X	ID 2/2
SLINZS	200	Code identifying the type/source of the descriptive		
		Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for accep		
SLN26	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service	Γ==	
	235	Product/Service ID Qualifier	X	ID 2/2
SLN27		=	•	1 .
SLN27		Code identifying the type/source of the descriptive Product/Service ID (234)	number	used in

SLN28	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		

DTM Date/Time Reference Segment:

Position: 030

LIN Optional Loop:

Detail Level: Usage: Optional Max Use: 10

To specify pertinent dates and times **Purpose:**

Syntax Notes:

At least one of DTM02 DTM03 or DTM06 is required.
If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes: Comments:

Notes:

Use this 2/DTM/030 segment only when the dates apply to the cited item in the catalog. If the dates apply to the all of the items, use the 1/DTM/070 segment. If the dates apply to pricing information, use the 2/DTM/180 segment.

			Data Eler	ment Summary		
	Ref.	Data				
	Des.	Element	Name		Attri	<u>butes</u>
Must Use	DTM01	374	Date/Time Qualifier		M	ID 3/3
	- 1	1	Code specifyir	ng type of date or time, or both da	te and time	· I
			007	Effective		
			l	When the G5301 is used, in action is effective.	dicate the d	late the
	DTM02	373	Date		X	DT 6/6
	1	1	Date (YYMM)	DD)	t	l
			The actual eff qualified.	fective, expiration start, or stop do	ate of the ite	e m
Not Used	DTM03	337	Time		X	TM 4/8
N 1 - 4	D/F2 # 0 4	(22	decimal second (0-9) and DD	tes (00-59), S = integer seconds (ds; decimal seconds are expressed = hundredths (00-99)	d as follows:	: D = tenths
Not Used	DTM04	623	Time Code		O	ID 2/2
Cscu			Organization s indication in h time; since + is M in the codes	ng the time. In accordance with Instandard 8601, time can be specificours in relation to Universal Times a restricted character, + and - are that follow	ed by a + or e Coordinate e substituted	e (UTC) d by P and
	DTM05	624	Century		О	N0 2/2
			The first two c	characters in the designation of the	e year (CCY	YY)
Not Used	DTM06	1250		riod Format Qualifier	X	ID 2/3
			Code indicatin	ng the date format, time format, or	date and tin	me format
Not Used	DTM07	1251	Date Time Pe	riod	X	AN 1/35
			Expression of	a date, a time, or range of dates, ti	imes or date	es and times

REF Reference Numbers Segment:

Position: 040

> LIN Optional Loop:

Level: Detail Usage: Optional Max Use: 12

Purpose: To specify identifying numbers.

Syntax Notes: At least one of REF02 or REF03 is required.

ME

Semantic Notes: Comments:

> Use this segment to identify a reference number applicable to the cited item in the same **Notes:**

LIN segment.

Data Element Summary

 Data Element Summary						
Ref.	Data					
Des.	Element	Name	Attributes			

Reference Number Qualifier Must Use REF01 128

M ID 2/2

Code qualifying the Reference Number.

Catalog

Use to indicate an associated catalog item, i.e., a service or item that is applicable to another item or items. Cite the number from LIN01 of the associated catalog item in REF02.

GCGovernment Contract Number

Use when the item is contained on an existing

Government contract. Message Address or ID

Use to indicate the World Wide Web Uniform

Resource Locator (URL) where the item may be found.

When used, cite the address in REF03.

PD Promotion/Deal Number

> Use to indicate a unique promotion or deal number assigned by the originator of the transaction set that is

applicable to the item cited in the same LIN loop.

QX Old Part Number

> Use to indicate the manufacturer's part number of a discontinued item for which the service identified in the LIN segment is still available. Cite the part number in REF02 and identify the manufacturer in

TN Transaction Reference Number

> 1. Use to indicate the unique reference number of a transaction set that is transmitting images of the items or data relating to the items identified in this

transaction set.

2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in

REF03.

W6 Federal Supply Schedule Number

> Identifies an item with a two-digit group number, twodigit part number, and one-character section letter Use when the item is contained on an existing Federal Supply Schedule (FSS).

REF02 127 **Reference Number**

AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

REF03 352 **Description**

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

1. When REF01 is code ME, use to identify the World Wide Web URL.

- 2. When REF03 is code QX, use to identify the manufacturer either by a DUNS number, a CAGE code or free form text.
- 3. When REF01 is code TN, use to identify the X12 transaction set designator, e.g., 841.

 $CTB \ \ {\it Restrictions/Conditions}$ Segment:

Position: 060

LIN Loop: Optional

Detail Level: Usage: Optional Max Use: 25

To specify restrictions/conditions (such as shipping, ordering) **Purpose:** At least one of CTB02 CTB04 or CTB06 is required.

If either CTB03 or CTB04 is present, then the other is required. **Syntax Notes:**

If either CTB05 or CTB06 is present, then the other is required.

Semantic Notes: Comments:

Notes:

Use this 2/CTB/060 segment when the restriction or condition applies to the item cited

		15.		Data Elem	en	t Summary		1
	Ref. Des.	Data Element	Nai	me			Attri	hutes
	Des.	Element	INA	<u>ine</u>			Attri	<u>butes</u>
Must Use	CTB01	688	Re	estrictions/Co	nd	litions Qualifier	M	ID 2/2
			Co	ode identifying	g th	ne type of restriction/condition		
				DW		Direct and Wholesaler		
						Use only if the selling party will orders from state and local gover used, identify in CTB02 from whe party will accept orders.	rnment	ts. When
				NR		Nonreturnable		
						Use to indicate a non-returnable monetary amount.	quant	ity and/or
				OR		Ordering		
·						Use to indicate a minimum or m		m order
				CD		quantity and/or monetary amoun	ıt.	
				SR		Shipping Una to in the state of the state o		
						Use to indicate a minimum or mashipment quantity and/or moneto		
	CTB02	352	De	escription		p quanting with/or moneth	X	AN 1/80
					cri	otion to clarify the related data eler		
			co	ontent		·		
						n text description of a restriction of		
	CTB03	673		<i>plying to eithe</i> uantity Qualif		a quantity or a dollar amount of th	he item X	ID 2/2
	CIBOS	073				e type of quantity	Λ	110 2/2
			C	57	un	Minimum Order Quantity		
				67		Minimum Ship Quantity		
				69		Incremental Order Quantity		
				09		1. Use to indicate the increment, minimum quantity, for which ad quantities will be accepted. For minimum quantity may be 50 bu above 50 must be in increments of	ditiond examp t quan	ıl le, the
						2. If no minimum quantity is stated (code 57),		ode 57),
						the minimum quantity will defau	lt to th	ie
				70		incremental quantity (when code	e 69 is	cited).
				70		Maximum Order Quantity		
	CTD04	200		MQ		Maximum Ship Quantity	v	D 1/15
	CTB04	380	_	uantity	£	ontitr	X	R 1/15
	CTDAF	F22	4	umeric value o		·	v	ID 1/2
	CTB05	522		mount Qualifi			X	ID 1/2
			C	ode to qualify a	am			
				KQ		Use to indicate the increment, ab minimum amount, in which order will be accepted. For example, to order amount in the stock of the sto	ers for he min rders a	this item imum
				MA	_	\$100 must be in increments of \$5	ou.	
				MO	_	Minimum Order Value		
				1,10		Minimum value of order allowed		
						withinitian value of order anowed		

			Use code "MO" to represent the minimum order amount.		
CTB06	610	Amount		X	N2 1/15
		Monetary amount			

Segment: PID Product/Item Description

Position: 070

Loop: LIN Optional

Level: Detail
Usage: Optional
Max Use: 200

Semantic Notes:

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 PID03 is required.

1 Use PID03 to indicate the organization that publishes the code list being referred to.

2 PID04 should be used for industry-specific product description codes.

3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate.

not apply. Any other value is indeterminate.

Comments: 1 If PID01 = "F", then PID05 is used. If PID0

1 If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "Y" then both PID04 and PID05 are used.

``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.

Notes: 1. Use to describe a product or service in a coded format, in free form text, or in both a coded format and free form text.

2. Use also to provide information related to the product or service, e.g., warranty conditions, shipping information, material condition, etc.

	T		Data Elem	ent Summary		
	Ref.	Data	Nama		A 44	hanto a
	Des.	<u>Element</u>	Name		Attri	<u>butes</u>
Must Use	PID01	349	Item Description	on Type	M	ID 1/1
CSC			Code indicating	the format of a description		
			F	Free-form		
				Use only when a free-form be carried in PID05.	ı text descrip	tion will
			S	Structured (From Industry	Code List)	
				Use when a code from an able qualified and carried in		e list will
			X	Semi-structured (Code and	Text)	
				Use when a code and a fre		
	PID02	750	Droduct/Drosse	description will be carried s Characteristic Code	in the segme	ID 2/3
	FIDUZ	750		the general class of a product		
			12 Type/and When PID03 is is a code assign e.g., environmen 93 Shipping Use to indicate to Identify the type	upply Schedule (FSS) Product for Process code GS, use to indicate that t ed by GSA to indicate special p ntal features such as Low VOC Unit Component the item comes in a reusable st to of container in PID05 using t ber, e.g., an NSN.	he value cite properties of C, Recyclable hipping conto	d in PID04 the item, , etc. ainer.
			the appropriate WD Warrant Use to indicate to in PID05, e.g., f 2/MEA/080 segu	I Classification the item is other than new/unucede in PID04 to indicate the ty Description warranty conditions. Specify the factory warranty, shop warranty ment to identify the length of the Data Element Dictionary for a	material clas the general co ty, etc. Use t he warranty	sification onditions he
	PID03	559	Agency Qualific	er Code	X	ID 2/2
				g the agency assigning the code c, other than code ZZ.	values	

			2. When PID02 is code MAC, cite code AS Refer to 003050 Data Element Dictionary for acceptable code values.					
	DID 0.4	==1	·		1			
	PID04	751	Product Description Code	X	AN 1/12			
			A code from an industry code list which provide product characteristic	es specific da	ata about a			
			1. An actual code from an agency code list wh specified in PID03.	en the agend	cy is			
			2. When PID02 is code MAC, cite the materia item using the following: cite the letter R for r letter M for modified, or cite the letter U for us	econditione	v			
	PID05	352	Description	X	AN 1/80			
	<u> </u>		A free-form description to clarify the related data elements and their content					
			 Use to provide free form text information apcited in the same LIN loop. When PID02 is code 93, identify the type of using either text or an applicable number, e.g., 	reusable co				
Not Used	PID06	752	Surface/Layer/Position Code	О	ID 2/2			
	1		Code indicating the product surface, layer or podescribed	sition that is	being			
Not Used	PID07	822	Source Subqualifier	0	AN 1/15			
			A reference that indicates the table or text main Qualifier	tained by the	Source			
Not	PID08	1073	Yes/No Condition or Response Code	0	ID 1/1			
Used								

MEA Measurements Segment:

Position: 080

Notes:

Loop: Optional LIN

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: 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.

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

Comments: 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.

1. Use this segment to identify measurements applicable to the item identified in the

LIN segment.

2. Use also to identify the length of a warranty period.

	T = -	Τ_	Data Element Summary			
	Ref.	Data	NT	A 44•1	L 4	
	<u>Des.</u>	<u>Element</u>	Name	Attri	<u>outes</u>	
	MEA01	737	Measurement Reference ID Code	0	ID 2/2	
			Code identifying the broad category to which a	measuremer	nt applies	
			Use any code.			
			CT Counts Use to indicate variations in quantity, when exquantity, that can be expected when orders are quantity under and/or over in MEA05/06. DE Defects Use to indicate a warranty period.	•		
			Refer to 003050 Data Element Dictionary for a			
	MEA02	738	Measurement Qualifier	0	ID 1/3	
			Code identifying a specific product or process of measurement applies	characteristic to which		
			PO Percent of Order (-,+) Use to indicate variations in quantity, when ex the quantity ordered, that can be expected whe Specify the percent under and/or over in MEA TT Time Use to indicate the length of a warranty period days, weeks, months, years in MEA03 and the C00101.	en orders are 105/06. d. Specify th	e delivered. e number or	
			C00101.			
			Refer to 003050 Data Element Dictionary for a	cceptable co	de values.	
	MEA03	739	Measurement Value	X	R 1/20	
	•		The value of the measurement	<u> </u>	1	
	MEA04	C001	Composite Unit of Measure	X		
			To identify a composite unit of measure (See F	Figures Appe	ndix for	
	- Good of	0.5-	examples of use)	Γ	TD 6/2	
Must	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	
Use			Code specifying the units in which a value is be in which a measurement has been taken 1. Use any code, other than code ZZ.	eing expresse	ed, or manner	
			2. An application program conversion table magency codes to Accredited Standards Commit	-		

		1	Refer to 003050 Data Element Dictionary for accept		
	C00102	1018	Exponent	0	R 1/15
	C00102	(40	Power to which a unit is raised		R 1/10
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value.	0	K 1/10
	C00104	355	Unit or Basis for Measurement Code	0	ID 2/2
	C00104	333	Code specifying the units in which a value is being e		
			in which a measurement has been taken	лргсзас	d, or manner
			1. Use any code other than code ZZ.		
			2. An application program conversion table may be agency codes to ASC X12 codes.		
		T	Refer to 003050 Data Element Dictionary for accepta	able coo	
	C00105	1018	Exponent	О	R 1/15
	G00107	640	Power to which a unit is raised		D 1/10
	C00106	649	Multiplier	0	R 1/10
Not	C00107	355	Value to be used as a multiplier to obtain a new value. Unit or Basis for Measurement Code	e 0	ID 2/2
Used	C00107	333	Unit of Basis for Measurement Code	U	ID 2/2
			Code specifying the units in which a value is being e	xpresse	d, or manner
	T	T	in which a measurement has been taken		T
Not Used	C00108	1018	Exponent	O	R 1/15
oseu		<u> </u>	Power to which a unit is raised		
Not	C00109	649	Multiplier	0	R 1/10
Used					
	_		Value to be used as a multiplier to obtain a new value	_	
Not	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
Used			Code specifying the units in which a value is being e	vnresse	d or manner
			in which a measurement has been taken	лргсзас	d, or manner
Not	C00111	1018	Exponent	О	R 1/15
Used					
NI-4	C00112	(40	Power to which a unit is raised		D 1/10
Not Used	C00112	649	Multiplier	O	R 1/10
СВСИ			Value to be used as a multiplier to obtain a new value	e	
Not	C00113	355	Unit or Basis for Measurement Code	0	ID 2/2
Used					
			Code specifying the units in which a value is being e in which a measurement has been taken	xpresse	d, or manner
Not	C00114	1018	Exponent	0	R 1/15
Used					
		T	Power to which a unit is raised	1	T
Not	C00115	649	Multiplier	O	R 1/10
Used			Value to be used as a multiplier to obtain a new valu	 P	
	MEA05	740	Range Minimum	X	R 1/20
	1	l • • •	The value specifying the minimum of the measurement		
			1. Use to indicate a minimum measurement, e.g., a		
			tolerance.		
			2. When MEA01 is code CT, or MEA02 is code PO variation in quantity under.	, use to	specify the
	MEA06	741	Range Maximum	X	R 1/20
	ı	I .	The value specifying the maximum of the measurem	ent rans	
			1. Use to indicate a maximum measurement, e.g., a		
			tolerance. 2. When MEA01 is code CT, or MEA02 is code PO		
			variation in quantity over.	, изе 10	эрсену ше
Not	MEA07	935	Measurement Significance Code	0	ID 2/2
Used					1
No.4	MIEAGO	026	Code used to benchmark, qualify or further define a		•
Not Used	MEA08	936	Measurement Attribute Code	X	ID 2/2
Cocu		<u> </u>	Code used to express an attribute response when a nu	ımeric ı	measurement
	T = · ·		value cannot be determined	_	
Not	MEA09	752	Surface/Layer/Position Code	O	ID 2/2
Used		<u> </u>	Code indicating the product surface, layer or position	that is	being
			described	10	
Not	MEA10	1373	Measurement Method or Device	0	ID 2/4
003050F8	1		50		8 October 1997

The method or device used to record the measurement

Segment: PO4 Item Physical Details

Position: 100

Loop: LIN Optional

Level: Detail Usage: Optional

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.

Semantic Notes: Comments:

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

PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes:

- 1. This segment can be used to specify the weight, cube, or dimensions of the unit or intermediate pack; or the unit pack quantity or intermediate container quantity applicable to the item identified in LIN01. To specify the unit pack quantity, use PO401, and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50, and PO404 would cite code UNT.
- 2. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403 and PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.

Ref.	Data	zww zwiawa zwiawa y		
Des.	Element	<u>Name</u>		<u>ibutes</u>
PO401	356	Pack	0	N0 1/6
		Number of inner pack units per outer pack unit		
		Use to identify the unit pack quantity.		
PO402	357	Size	X	R 1/8
		Size of supplier units in pack		
		Use only to identify the size of the individual it container.	tems within a	unit
PO403	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is be manner in which a measurement has been taker		l, or
		1. Use any code other than code ZZ		
		2. An application program conversion table mo- convert agency codes to ASC X12 codes.		
		Refer to 003050 Data Element Dictionary for a	cceptable cod	e values.
PO404	103	Packaging Code	0	AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Material	Packaging Fo	orm, Part 2:
		Use any code from part 1 or 2 of this data elem preferred Part 1 code and should be used as in UNT Unit Use to indicate a unit container.		
		Refer to 003050 Data Element Dictionary for a	cceptable cod	e values.
PO405	187	Weight Qualifier	0	ID 1/2
l .		Code defining the type of weight		1
		Use any code, other than code ZZ.		
		Refer to 003050 Data Element Dictionary for a	cceptable cod	e values.
PO406	384	Gross Weight per Pack	X	R 1/9
		Numeric value of gross weight per pack	•	
		Use to specify the weight of a container. The to 1 decimal point.	weight shall b	e provided

PO407	355	Unit or Basis for Measurement Code	X	ID 2/2
•		Code specifying the units in which a value is bei	ng expresse	d, or
		manner in which a measurement has been taken		
		1. Use any code, other than code ZZ.		
		2. An application program conversion table ma	v he reauire	ed to
		convert agency codes to ASC X12 codes.	y oc require	
		Refer to 003050 Data Element Dictionary for acc	ceptable cod	le values.
PO408	385	Gross Volume per Pack	X	R 1/9
<u> </u>		Numeric value of gross volume per pack	'	•
		Use to specify the cube of a container. The cub decimal places.	pe shall be p	rovided to 3
PO409	355	Unit or Basis for Measurement Code	X	ID 2/2
1	<u>l</u>	Code specifying the units in which a value is bei	ng expresse	d, or
		manner in which a measurement has been taken	J 1 1 1 1 1	
		1. Use any code, other than code ZZ.		
			, .	T .
		2. An application program conversion table ma	y be require	ed to
		convert agency codes to ASC X12 codes. Refer to 003050 Data Element Dictionary for account of the control of t	centable cod	le values
PO410	82	Length	X	R 1/8
10410	02	Largest horizontal dimension of an object measu		
		in the upright position	iied wiieli ti	ie object is
PO411	189	Width	X	R 1/8
I		Shorter measurement of the two horizontal dime	nsions meas	sured with
		the object in the upright position		
PO412	65	Height	X	R 1/8
		Vertical dimension of an object measured when	the object is	in the
		upright position		
1	1	Use to specify the depth of the container.	Т	1
PO413	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is bei	ng expresse	d, or
		manner in which a measurement has been taken		
		1. Use any code, other than code ZZ.		
		2. An application program conversion table ma	v be reauire	ed to
		convert agency codes to ASC X12 codes.	,	· • •
		Refer to 003050 Data Element Dictionary for acc	ceptable cod	le values.
PO414	810	Inner Pack	0	N0 1/6
•		Number of units in each selling pack		•
		Use to specify the quantity of unit containers in	an interme	diate
		container.		

 $TD4 \ \ \text{Carrier Details (Special Handling, or Hazardous Materials, or Both)}$ Segment:

Position: 110

LIN Optional

Loop: Level: Detail Usage: Optional Max Use: 10

To specify transportation special handling requirements, or hazardous materials **Purpose:**

information, or both

Syntax Notes: At least one of TD401 TD402 or TD404 is required.

If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Notes: Use this segment to provide hazardous material information or special handling

requirements of the item.

	Ref.	Data					
	Des.	Element	Name		Attı	ributes	
	TD401	152	Special Handli	Special Handling Code X II			
	•		Code specifying	g special transportation handling instru	ictions		
			DA	Dangerous			
			FL	Flammable			
			HM	Endorsed as Hazardous Material			
			RM	Radioactive Material			
	TD402	208	Hazardous Ma	terial Code Qualifier	X	ID 1/1	
	•		Code which qua	alifies the Hazardous Material Class C	ode (20	09)	
			Use any code.				
			Refer to 003050	Data Element Dictionary for accepta	ble cod	le values.	
	TD403	209	Hazardous Ma	terial Class Code	X	AN 2/4	
•	'		Code specifying	g the kind of hazard for a material	•		
	TD404	352	Description		X	AN 1/80	
•			A free-form des	scription to clarify the related data eler	nents a	nd their	
			A free-form tex	t description of the cited item.			

 $LDT \,\, \mathsf{Lead} \,\, \mathsf{Time}$ Segment:

> 140 **Position:**

Optional LIN

Loop: Level: Detail Usage: Optional

Max Use:

To specify lead time for availability of products and services **Purpose:**

Syntax Notes:

Semantic Notes: LDT04 is the effective date of lead time information. **Comments:**

1 LDT02 is the quantity of unit of time periods.

Use this 2/LDT/140 segment to identify a date when it is expressed as a set time period **Notes:**

					Data Ele	ment Summary	
		Ref.		Data			
		Des.		Element	Name		Attributes
Must Use	LD	T01	34	15 Lea	d Time Code	M	ID 2/2
				Coc	le indicating the	time range	
					AE	From date of PO receipt to shipment	
					AF	From date of PO receipt to delivery	
					AX	From Date of Award to Date of Completio	n
						Use only for services.	
					AY	From Date of Award to Date of Delivery	
Must Use	LD	T02	38	30 Qu	antity	M	R 1/15
				Nu	neric value of q	uantity	
Must Use	LD	T03	34	14 Un	it of Time Perio	od or Interval M	ID 2/2
				Coc	le indicating the	time period or interval	
					DA	Calendar Days	
					DW	Work Days	
					MO	Month	
					WK	Weeks	
Not Used	LD	T04	37	73 Da	te	0	DT 6/6
				Dat	e (YYMMDD)		

SAC Service, Promotion, Allowance, or Charge Information Segment:

Position: 150

> LIN Optional Loop:

Level: Detail Usage: Optional Max Use: 25

Purpose:

To request or identify a service, promotion, allowance, or charge; to specify the amount

or percentage for the service, promotion, allowance, or charge

Syntax Notes: At least one of SAC02 or SAC03 is required.

2 If either SAC03 or SAC04 is present, then the other is required. 3 If either SAC06 or SAC07 is present, then the other is required.

If either SAC09 or SAC10 is present, then the other is required. 4

5 If SAC11 is present, then SAC10 is required.

If SAC13 is present, then at least one of SAC02 or SAC04 is required.

If SAC14 is present, then SAC13 is required.

Semantic Notes:

- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- SAC08 is the allowance or charge rate per unit.
- SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

- SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:

- Use this segment to identify charges, allowances, no charge services and discounts (including "free goods") that apply to the item identified in the LIN segment. The charge, allowance or discount can be either a dollar rate or a percentage and can be applied to the item unit price, the line item total amount, some specified amount, or various quantities. This information can also be associated with a zone to which deliveries will be made.
- 2. When BCT10 is code 42, discount information identified in this segment refers to promotional discounts.

		Ref.	Data	2		nt Summary				
		Des.	Element	Name			Attr	ibutes		
Must SAC01 248 Use			Allowance	M	ID 1/1					
	ı	Į.		Code which	n indica	ates an allowance or charge for the	service	specified		
				A		Allowance				
				С		Charge				
				N		No Allowance or Charge				
					l	Use to indicate there is no charge specified service.	e for th	ne e		
	SA	C02	1300	Service, Pr	omoti	motion, Allowance, or Charge Code X				
				Code identi	ifying t	he service, promotion, allowance, o	or charg	ge		
				recommended that taxes applicable to line items be identified in the 2/TXI/166 segment. 2. When BCT10 is code 42, codes C300, C310, D170, D440, and F910 are used to identify promotional discounts.						
			A310 Air Express Charge A320 Air Transportation Charge A480 Assembly A880 Cancellation Charge B940 Cutting Charge							
				C300 Dis Use to indic quantity dis	scount cate an scount	Allowance - Special incremental quantity discount. A applies only to the quantity units we incremental discounts are applied	vithin i	its specified		

item's purchase quantity. For example, if different discounts are given for quantities, 1 - 10, 11 - 20, 21 - 30, etc., use of this code $implies\ that\ for\ a\ quantity\ of\ 25,\ the\ first\ discount\ applies\ to\ the\ first$ 10 units, the second discount applies to the next 10 units and the third discount applies to the last 5 units. Identify the quantity in SAC10/11. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This is contrast to the F910 step ladder discount that applies a single discount to the total item purchase quantity.

D170

Use to indicate a general discount applicable to the item identified in the LIN segment. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This general discount is not used in combination with C300 or F910. Include any general discount within the C300 or F910 discount considerations.

Diversion Charge C580 **Emergency Service** C590 **Emergency Surcharge** C880 Expediting Premium.

Free Goods

- 1. Use to indicate a quantity provided at no cost if a specified quantity or monetary amount is purchased, e.g., buy 10, get 1 free. For a specified quantity, cite the "free" quantity in SAC10 and cite the "buy" quantity in SAC11. Identify the specified amount in SAC05.
- 2. If free goods are applicable to a monetary amount range, multiple repetitions of this SAC segment must be transmitted using code D170 in SAC02. In this instance, the amount transmitted represents the base amount to qualify for the number of "free goods" specified in SAC10.

D290 Full Truckload Allowance

D440Groupage Discount

Use to indicate a discount applicable to a line item total quantity meeting or exceeding the threshold specified in SAC10 or a total line item amount meeting or exceeding the amount cited in SAC05 when SAC15 cites the word "ITEM".

D500 Handling Hazardous Cargo Charge D530 D660 Hook-up Charge Inside Delivery D820

Installation and Training D890

D900 Installation E930 One - Day Service

F560 Premium Transportation

F910 Quantity Discount

Use to indicate a step ladder discount applicable to the quantity range specified in SAC10/11. The discount specified for the quantity range containing the item purchase quantity is the discount to be applied to the item. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This is contrast to the C300 incremental discount that applies to that portion of the item purchase quantity within each increment.

G470 Restocking Charge G600 Same-Day Service G610 Saturday Delivery Service Charge

Use to indicate a basic charge for a service call. If the charge varies by distance, e.g., a set price within a 25 mile range, another price within a 50 mile range, etc. use SAC09/10/11 to provide that information.

G760 Set-up

Shrink-Wrap Charge G870 H000 Special Allowance H110 Special Packaging *I330* Two - Day Service

1380 Unloading (Labor Charges)

1590 Warranties

559

SAC03

Not

Use to indicate the price for a warranty

Mutually Defined Use to indicate a training charge

Refer to 003050 Data Element Dictionary for acceptable code values.

ID 2/2

X

Used		<u> </u>	Code identifying	g the agency assigning the code va	alues			
Not	SAC04	1301		e, Promotion, Allowance, or	X	AN 1/10		
Jsed				ned code identifying the service, p	promotion,	allowance,		
	SAC05	610	or charge Amount		0	N2 1/15		
	BACUS	010	Monetary amou	nt		114 1/13		
				an amount to which the percentag	ge cited in	SAC07		
			necessary, qual If a charge, allo multiple repetiti	s code 1) or the dollar rate cited it ify the amount in SAC15 using the owance or discount is applicable to ions of this SAC segment must be nount cited represents the lower e	he specified to an amou transmitte	d format. int range, ed. In this		
	SAC06	378	Allowance/ Cha	arge Percent Qualifier	X	ID 1/1		
				on what basis allowance or charg	e percent i	s calculated		
			1	Item List Cost Use, in conjunction with SAC "SPECIFIED" is cited, to in applied to a specified amount	dicate a pe	ercentage		
			5	Base Price per Unit	71 7 .	.7 7.		
				Use to indicate a percentage of Item unit price.	applied to	tne Line		
			6	Base Price Amount Use to indicate a percentage of	applied to	the Line		
				Item total amount.				
	SAC07	332	Percent	-4	X	R 1/6		
				2.25; cite 3% as 3 (note: leading a	nd trailing	zeros are		
	SAC08	118	suppressed). Rate		0	R 1/9		
	2.2000			in the standard monetary denomin				
			specified	a dollar rate applicable to the cha				
	SAC09	355	Code specifying manner in which	or Measurement Code g the units in which a value is bein h a measurement has been taken other than code ZZ.	g expresse	ID 2/2 d, or		
			•	Data Element Dictionary for acce	eptable cod	le values.		
	SAC10	380	Quantity	·	X	R 1/15		
			Numeric value of	of quantity	•	•		
			 When SAC02 is code C300, use to identify the lower end of an item purchase quantity range that results in an incremental discount. When SAC02 is code D170, use to identify the "free" quantity. When SAC02 is code D440, use to identify the line item total quantity that results in a discount, if applicable. 					
			item purchase of 5. When SACO.	4. When SAC02 is code F910, use to identify the lower end of an item purchase quantity range that results in a step ladder discount.5. When SAC02 is code G740, use to specify the minimum distance				
			6. When SACO which the charg	service charge, if appropriate. 02 is any other code, use to identij ge, allowance, or discount applies ll be 1, but if a greater quantity a	s. In most	instances that		
	SAC11	380	Quantity		0	R 1/15		
			Numeric value o	<u> </u>	,,,,	•		
				2 is code C300 or F910, use to ide hase quantity range that results in				
			2. When SACO applicable.	2 is code D170, use to identify the	e ''buy'' qı	antity, if		
				2 is code G740 and SAC10 is used nce applicable to a service charge	··, ·· F · · · J J ·			
			III WALIII WIII WENIAL	nce applicable to a scribe class.	e, ij avvii	able.		

Used					
			Code indicating method of handling for an allowance	or cha	rge
			Refer to 003050 Data Element Dictionary for accepta	ble coo	de values.
	SAC13	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined Transaction Set, or as specified by the Reference Num		
			If the discount, allowance, charge, or free goods app zone, identify the zone in this data element. The del locations within each zone are identified in the 1/N1	ivery z	ones and
Not Used	SAC14	770	Option Number	О	AN 1/20
			A unique number identifying available promotion or a when more than one is offered	allowa	nce options
	SAC15	352	Description	0	AN 1/80
			A free-form description to clarify the related data eler content 1. Use to provide text information related to information within this segment. 2. When it is necessary to qualify the amount cited in following format:	ation p	rovided
			a. To identify the amount as a line item total amount "ITEM"b. To identify the amount as a specified amount, cit "SPECIFIED"	,	

Segment: FOB F.O.B. Related Instructions

Position: 160

Loop: LIN Optional

Level: Detail
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: Notes:

: Use this 2/FOB/160 segment when the Shipment Method of Payment and or the FOB point varies by item.

			Data Ele	ement Summary		
	Ref.	Data		, , , , , , , , , , , , , , , , , , ,		
	Des.	Element	Name		A	<u>ttributes</u>
Must Use	FOB01		-	od of Payment	M	ID 2/2
		Co		payment terms for transportation charges		
			BP	Paid by Buyer		
				The buyer agrees to the transportation prequiring the buyer to pay transportation		
				specified location (origin or destination		
				Use to indicate the buyer is to pay the t		
				charges by issuance of a Government I (GBL).	Bill o	of Lading
			PP	Prepaid (by Seller)		
			• •	Use to indicate that transportation cha	rges	are not
				included in the unit price but will be pr	-	
				added as a separate item on the invoice	?.	
			PS	Paid by Seller		
				The seller agrees to the transportation p		
				requiring the seller to pay transportation specified location (origin or destination		
				Use to indicate transportation charges		
				the unit price.		
	FOB02	309 Lo	ocation Qualif	ier	X	ID 1/2
		Co	ode identifying	type of location		
			DE	Destination (Shipping)		
				Use in conjunction with FOB01 code I	PS.	
			OR	Origin (Shipping Point)		
				Use in conjunction with FOB01 code I	BP of	r PP.
			\mathbf{W}	Worldwide Geographic Location Code		
				Use in conjunction with FOB01 code I		
				the FOB point for deliveries within the United States is destination and the FO		
				deliveries outside the continental Unite	-	•
				origin.	5 5.0	
			ZZ	Mutually Defined		
				Use in conjunction with FOB01 code I		
				Other FOB point that is neither at orig		
				destination, e.g., a port of embarkation provide the address of the other location		
				2/N1/230 segment citing code KX in N		
Not Used	FOB03		escription		0	AN 1/80
				ription to clarify the related data elements a		
Not Used	FOB04			Terms Qualifier Code	O	ID 2/2
Mot Hard	EODA#			the source of the transportation terms	v	ID 2/2
Not Used	FOB05		ransportation	the trade terms which apply to the shipment	X tran	ID 3/3
			sponsibility	are trade terms which appry to the simplification	uan	oportation
Not Used	FOB06	309 Lo	ocation Qualif		X	ID 1/2
				type of location		
Not Used	FOB07		escription		0	AN 1/80
.	DOD 22			ription to clarify the related data elements a		
Not Used	FOB08	54 Ri	sk of Loss Qu	alifier	0	ID 2/2

Code specifying where responsibility for risk of loss passes

Not Used FOB09 352 Description X AN 1/80
A free-form description to clarify the related data elements and their content

TXI Tax Information Segment:

Position: 166

Loop: LIN Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify tax information

At least one of TXI02 TXI03 or TXI06 is required. **Syntax Notes:**

If either TXI04 or TXI05 is present, then the other is required.

3 If TXI08 is present, then TXI03 is required.

Semantic Notes: 1 TXI07 is a code indicating the relationship of the price or amount to the associated

segment.

1 TXI02 is the monetary amount of the tax. **Comments:**

TXI03 is the tax percent expressed as a decimal.

If TXI02 is not used, then the application of the percent (TXI03) is between trading

Use this segment to identify taxes that apply to the item and whether they are included in the unit price or are to be added to the unit price of the item. **Notes:**

	Ref.	Data		ement Summary		
	Des.	Element	Name		Attı	ributes
Must Use	TXI01	963	Tax Type Co	le	M	ID 2/2
			Code specifyii	ng the type of tax	<u>.</u>	•
			Use any code	other than code ZZ.		
			Refer to 00305	50 Data Element Diction	nary for acceptable co	de values.
	TXI02 782		Monetary An	nount	X	R 1/15
	- 1		Monetary amo	ount	•	•
	TXI03	954	Percent		X	R 1/10
			Percentage exp	pressed as a decimal		
			Cite 4.25% as suppressed).	4.25; cite 3% as 3 (note	e: leading and trailing	g zeros are
Not Used	TXI04	955		ion Code Qualifier	X	ID 2/2
			Code identifyi	ng the source of the data	a used in tax jurisdicti	on code
Not Used	TXI05	956	Tax Jurisdict	Tax Jurisdiction Code		AN 1/10
			Code identifyi	ng the taxing jurisdiction	n	•
Not Used	TXI06	441	Tax Exempt Code		X	ID 1/1
			Code identifyi	ng exemption status from	m sales and use tax	•
	TXI07	662	Relationship	Code	0	ID 1/1
			Code indicatin	g the relationship betwe	een entities	•
			A	Add		
			I	Included		
Not Used	TXI08	828	Dollar Basis I	For Percent	0	R 1/9
				be used in the percent of	calculation of the allow	wance,
NT 4	TOXY TO O	225	charge or tax	4° NT T		A B T 4 /00
Not Used	TXI09	325	Tax Identification Number		0	AN 1/20
				ned to a purchaser (buye ate, county, etc.); often aber		
Not Used	TXI10	350	Assigned Idea	ntification	0	AN 1/11
	•		Alphanumeric transaction set	characters assigned for	differentiation within	a

CTP Pricing Information Segment:

Position: 170

CTP Optional Loop:

Level: Detail Usage: Optional

Max Use:

Purpose: To specify pricing information

Syntax Notes: If either CTP04 or CTP05 is present, then the other is required.

If CTP06 is present, then CTP07 is required. 3 If CTP09 is present, then CTP02 is required.

If CTP10 is present, then CTP02 is required. 4

Semantic Notes: 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.

CTP08 is the rebate amount.

Comments: 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.

Notes: 1. Use this segment to specify various prices for the item identified in the LIN segment. These include the item's unit price, unit prices for step ladder quantities or purchase

values, or the unit price for delivery to various geographic locations (zones). The unit prices can be expressed by various attributes, e.g., discounted price, Government price,

catalog price, etc.

2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31 and

above:

CTP**PBQ**1*EA n/l CTP**ICL*25.00*10*EA n/l

CTP**ICL*24.50*20*EA n/l CTP**ICL*23.50*30*EA n/l

CTP**MAX*22.00*31*EA n/l

Data Flament Summary

	Def	Data	Data	Lieme	nt Summary		
	Ref. Des.	Data Element	Name			Att	ributes
Not Used	CTP01	687	Class of T	rade C	ode	0	ID 2/2
	1	1	Code indic	cating cl	lass of trade	<u> </u>	-
	CTP02	236	Price Ider	ntifier (Code	X	ID 3/3
			Code iden	tifying p	pricing specification		
			2. Use als labor rate	o to ide	an attribute of the unit price cited ntify additional prices applicable ease to purchase price, etc.		
			ALT		Alternate Price		
					Use to indicate a lease-to-purch	ase pri	ce.
			CAT		Catalog Price		
			Tu - :		Use to indicate a standard come, the price offered to the generated standard dealer price.	ral publ	
			D01		Federal Supply Schedule (FSS)	Price	
			DPR		Discount Price		
					Use to indicate the price of the discounted.	item is d	already
			GOV		Government Price		
					Use to indicate this is the price government.		
			GTP		Temporary Price Reduction Price		
					Use to indicate this is a tempore price.	ary disc	ounted
			ICL		Unit Price Through Quantity		
					1. Use to indicate the end of a an item purchase value range a ladder pricing. Identify the que or the value in CTP08.	pplicab	le to step
					2. Use in conjunction with cod MAX for step ladder pricing. S pricing is defined as the price s range containing the quantity of purchased, applying to all the it	tep ladd pecified or dollar	ler for the value

			Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.
		LAR	Labor Rate
			Use when the item identified in the LIN loop is a labor category and there is one set labor rate for the category.
		MAX	Maximum Order Quantity Price
			1. Use for step ladder pricing to indicate the quantity or item purchase value above which the price will not change. Identify the quantity in CTP04 or the value in CTP08.
		MSR	2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the range containing the quantity or dollar value purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied. Manufacturer's Suggested Retail
			Use to indicate the base price from which the government price is calculated.
		PAQ	Price Break Quantity(s) Use to indicate a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices
		PBQ	where all 25 units are one price. Unit Price Beginning Quantity
			range or item purchase value range applicable to step ladder pricing. Identify the quantity in CTP04 or the value in CTP08. 2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the range containing the quantity or dollar value purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.
		PRP	Promotional price
			 Use to indicate this is a promotional price. When used, identify the promotion period in the 2/DTM/180 segment. When used in conjunction with codes C300, C310, D170, D440, and F910 in the 2/SAC/228 segment, DO NOT use CTP03.
		RPA	Rental Price, Annual
		RPM	Rental Price, Monthly
		ZNP	Zone Price Use to indicate the unit price of the item for
CITITO A	212	TI 14 Th. 1	delivery to a zone cited in CTP10.
CTP03	212	Unit Price Price per unit of	Product, service, commodity, etc.
CTP04	380	Quantity	X R 1/15
		Numeric value of	
		with the unit of the number 1 is	
CTP05	355		or Measurement Code X ID 2/2
		manner in which 1. Use to identify in the LIN segment	the units in which a value is being expressed, or ha measurement has been taken ify the unit of measure applicable to the item identified ment that is to be used for ordering purposes. Cite the utity in CTP04. In most instances, the number 1 is

		expected in C	TP04.					
		2. Use any co	Use any code, other than code ZZ.					
		Refer to 003050 Data Element Dictionary for acceptable code va						
CTP06	648	Price Multipl	ier Qualifier	0	ID 3/3			
		Code indicatir	Code indicating the type of price multiplier					
-		Use to identify	y the discounted price.					
		SEL	Selling Multiplier					
			percent of the lease amoun	•				
CTP07	649	Multiplier		X	R 1/10			
		Value to be us	sed as a multiplier to obtain a new	value				
CTP08	782	Monetary An	nount	0	R 1/15			
		Monetary amo	ount					
		Use to identify	y the purchase value applicable t	o step ladder	r prices.			
CTP09	639	Basis of Unit	Price Code	0	ID 2/2			
		Code identifyi	ing the type of unit price for an ite	em				
CTP10	499	Condition Va	lue	0	AN 1/10			
		Identifies rate	restrictions or provisions		_ 1			
			Use to indicate the delivery zone for the price cited in CTP03 or for the discount specified in the 2/SAC/228 segment.					
	CTP07 CTP08 CTP09	CTP07 649 CTP08 782 CTP09 639	2. Use any co Refer to 0030: CTP06 648 Price Multiple Code indicatir Use to identify SEL CTP07 649 Multiplier Value to be us CTP08 782 Monetary An Monetary and Use to identify CTP09 639 Basis of Unit Code identify CTP10 499 Condition Va Identifies rate Use to indicate	CTP06 648 Price Multiplier Qualifier Code indicating the type of price multiplier Use to identify the discounted price. SEL Selling Multiplier When CTP02 is code ALT, percent of the lease amount to the purchase price. CTP07 649 Multiplier Value to be used as a multiplier to obtain a new Monetary Amount Monetary amount Use to identify the purchase value applicable to CTP09 639 Basis of Unit Price Code CTP10 499 Condition Value Identifies rate restrictions or provisions Use to indicate the delivery zone for the price of the	2. Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for acceptable code CTP06 648 Price Multiplier Qualifier Occeptable to describe the type of price multiplier Use to identify the discounted price. SEL Selling Multiplier When CTP02 is code ALT, use to indice percent of the lease amount that can be to the purchase price. CTP07 649 Multiplier X Value to be used as a multiplier to obtain a new value CTP08 782 Monetary Amount O Monetary amount Use to identify the purchase value applicable to step ladder CTP09 639 Basis of Unit Price Code O Code identifying the type of unit price for an item CTP10 499 Condition Value O Identifies rate restrictions or provisions Use to indicate the delivery zone for the price cited in CTP			

 $DTM \ \, {\tt Date/Time \ Reference}$ Segment:

Position: 180

CTP Loop: Optional

Detail Level: Usage: Optional Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: At least one of DTM02 DTM03 or DTM06 is required.

If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: Use this 2/DTM/180 segment to identify promotion dates when these dates vary by item in the promotion. Use this segment, if applicable, when CTP02 is code GTP or PRP.

			Data Elen	nent Summary		
	Ref.	Data				
	Des.	Element	Name			ributes
Must Use	DTM01	374	Date/Time Qua		M	ID 3/3
			Code specifying	type of date or time, or both date ar	nd time	
			015	Promotion Start		
				Use to indicate the start date of	`a prom	otion.
			016	Promotion End		
				Use to indicate the stop date of	a prom	otion.
	DTM02	373	Date		X	DT 6/6
			Date (YYMMD)	D)		
	DTM03	337	Time		X	TM 4/8
			23), M = minute decimal seconds (0-9) and DD =	HMMSSD, or HHMMSSDD, where so (00-59), S = integer seconds (00-59); decimal seconds are expressed as a hundredths (00-99)	(9) and l follows:	DD =
	1 1			he time that a promotion starts or e		
	DTM04	623	Time Code		О	ID 2/2
			Organization sta	g the time. In accordance with Interrundard 8601, time can be specified burs in relation to Universal Time Coa restricted character, + and - are subhat follow	y a + or ordinate	e (UTC)
			CT	Central Time		
			ET	Eastern Time		
			GM	Greenwich Mean Time		
			LT	Local Time		
			MT	Mountain Time		
			PT	Pacific Time		
	DTM05	624	Century		0	N0 2/2
			The first two ch	aracters in the designation of the year	ar (CCY	Y)
Not Used	DTM06	1250	Date Time Peri	od Format Qualifier	X	ID 2/3
			Code indicating	the date format, time format, or date	e and tir	ne format
Not Used	DTM07	1251	Date Time Peri	od	X	AN 1/35
			Expression of a	date, a time, or range of dates, times	or date	s and times
				· · · · · · · · · · · · · · · · · · ·		

SAC Service, Promotion, Allowance, or Charge Information Segment:

Position: 228

Purpose:

CTP Optional Loop:

Detail Level: Usage: Optional Max Use: 25

To request or identify a service, promotion, allowance, or charge; to specify the amount

or percentage for the service, promotion, allowance, or charge

Syntax Notes: At least one of SAC02 or SAC03 is required.

2 If either SAC03 or SAC04 is present, then the other is required. 3 If either SAC06 or SAC07 is present, then the other is required. 4

If either SAC09 or SAC10 is present, then the other is required.

If SAC11 is present, then SAC10 is required. 5

If SAC13 is present, then at least one of SAC02 or SAC04 is required.

If SAC14 is present, then SAC13 is required.

Semantic Notes: 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

SAC08 is the allowance or charge rate per unit.

SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

- SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:

- Use this segment to identify charges, allowances, no charge services and discounts (including "free goods") that apply to the item identified in the LIN segment. The charge, allowance or discount can be either a dollar rate or a percentage and can be applied to the item unit price, the line item total amount, some specified amount, or various quantities. This information can also be associated with a zone to which deliveries will be made.
- 2. When BCT10 is code 42, discount information identified in this segment refers to promotional discounts.

		Ref.	Data			·		
		Des.	Element	Name			Attr	<u>ibutes</u>
Must Use	SA	C01	248	Allowa	ance or Ch	arge Indicator	M	ID 1/1
		,		Code v	which indic	ates an allowance or charge for the	service	specified
				A		Allowance		
				С		Charge		
				N		No Allowance or Charge		
				u.	,	Use to indicate there is no charg specified service.	e for th	ie
	SA	C02	1300	Servic	e, Promoti	on, Allowance, or Charge Code	X	ID 4/4
				Code i	dentifying	the service, promotion, allowance, o	or charg	ge
				2/TXI/ 2. Wh F910 a 3. Use 4. Use charge	166 segme en BCT10 are used to e in conjun e in conjun e applies to	nt taxes applicable to line items be ant. is code 42, codes C300, C310, D17 identify promotional discounts. ction with an appropriate CTP02 cotion with CTP02 code ZNP if the a delivery zone. In this instance, the price and the allowance is deduced.	0, D44 ode. allowa he cha	0, and nce or rge is
				A310 A320 A480		ess Charge sportation Charge		

A880 Cancellation Charge B940 Cutting Charge C000 Defective Allowance C300 Discount - Special

Use to indicate an incremental quantity discount. An incremental quantity discount applies only to the quantity units within its specified range. Successive incremental discounts are applied against an item's purchase quantity. For example, if different discounts are given for quantities, 1 - 10, 11 - 20, 21 - 30, etc., use of this code implies that for a quantity of 25, the first discount applies to the first 10 units, the second discount applies to the next 10 units and the third discount applies to the last 5 units. Identify the quantity in SAC10/11. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This is contrast to the F910 step ladder discount that applies a single discount to the total item purchase quantity.

C310 Discount

Use to indicate a general discount applicable to the item identified in the LIN segment. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This general discount is not used in combination with C300 or F910. Include any general discount within the C300 or F910 discount considerations.

C370 Diversion Charge C580 Emergency Service C590 Emergency Surcharge C880 Expediting Premium. D170 Free Goods

1. Use to indicate a quantity provided at no cost if a specified quantity or monetary amount is purchased, e.g., buy 10, get 1 free. For a specified quantity, cite the "free" quantity in SAC10 and cite the "buy" quantity in SAC11. Identify the specified amount in SAC05.

2. If free goods are applicable to a monetary amount range, multiple repetitions of this SAC segment must be transmitted using code D170 in SAC02. In this instance, the amount transmitted represents the base amount to qualify for the number of "free goods" specified in SAC10.

D290 Full Truckload Allowance

D440 Groupage Discount

Use to indicate a discount applicable to a line item total quantity meeting or exceeding the threshold specified in SAC10 or a total line item amount meeting or exceeding the amount cited in SAC05 when SAC15 cites the word "ITEM".

D500 Handling

D530 Hazardous Cargo Charge

D660 Hook-up Charge

D820 Inside Delivery

D890 Installation and Training

D900 Installation

E930 One - Day Service

F560 Premium Transportation

F910 Quantity Discount

Use to indicate a step ladder discount applicable to the quantity range specified in SAC10/11. The discount specified for the quantity range containing the item purchase quantity is the discount to be applied to the item. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This is contrast to the C300 incremental discount that applies to that portion of the item purchase quantity within each increment.

G470 Restocking Charge

G600 Same-Day Service

G610 Saturday Delivery

G740 Service Charge

Use to indicate a basic charge for a service call. If the charge varies by distance, e.g., a set price within a 25 mile range, another price within a 50 mile range, etc. use SAC09/10/11 to provide that information.

G760 Set-up

G870 Shrink-Wrap Charge

H000 Special Allowance

H110 Special Packaging

1330 Two - Day Service1380 Unloading (Labor Charges)

SAC06 378 Allowance/ Charge Percent Qualifier	alues X promotion, Getted in SAC08 a he specifie to an amore transmittend of the send o	AN 1/10 , allowance, N2 1/15 SAC07 applies. If ad format. unt range, ted. In this amount ID 1/1 is calculated the word ercentage SAC05. the Line R 1/6			
SAC03 559 Agency Qualifier Code	alues X promotion, Getted in SAC08 a he specifie to an amore transmittend of the send o	AN 1/10 , allowance, N2 1/15 SAC07 applies. If ad format. unt range, ted. In this amount ID 1/1 is calculated the word ercentage SAC05. the Line R 1/6			
Code identifying the agency assigning the code view of the sed SAC04 1301 Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, por charge Code Agency maintained code identifying the service, por charge SAC05 610 Amount Monetary amount Use to identify an amount to which the percentage (when SAC06 is code 1) or the dollar rate eited in necessary, qualify the amount in SAC15 using the fa charge, allowance or discount is applicable in multiple repetitions of this SAC segment must be instance, the amount cited represents the lower erange. SAC06 378 Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge 1 Item List Cost Use, in conjunction with SAC "SPECIFIED" is cited, to imapplied to a specified amount 5 Base Price Amount Use to indicate a percentage of Item unit price. 6 Base Price Amount Use to indicate a percentage of Item total amount. Use to indicate a percentage of Item total amount. SAC07 332 Percent Percent expressed as a percent Cite 4.25% as 4.25; cite 3% as 3 (note: leading a suppressed). SAC08 118 Rate Rate expressed in the standard monetary denomin specified Use to identify a dollar rate may apply to a specified quantity range; or to a line item total amount, a a range of amounts. SAC09 355 Unit or Basis for Measurement Code Code specifying the units in which a value is bein manner in which a measurement has been taken Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for acce SAC10 380 Quantity	promotion, ge cited in n SAC08 a the specifie to an amount of the way are percent in SC15 when a dicate a pot t cited in SC2 applied to X	AN 1/10 , allowance, N2 1/15 SAC07 applies. If ad format. unt range, ted. In this amount ID 1/1 is calculated the word ercentage SAC05. the Line R 1/6			
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Agency maintained code identifying the service, por charge SAC05 610 Amount Monetary amount Use to identify an amount to which the percentage (when SAC06 is code 1) or the dollar rate cited in necessary, qualify the amount in SAC15 using the If a charge, allowance or discount is applicable in multiple repetitions of this SAC segment must be instance, the amount cited represents the lower erange. SAC06 378 Allowance/ Charge Percent Qualifier Code indicating on what basis allowance or charge I lem List Cost Use, in conjunction with SAC "SPECIFIED" is cited, to imapplied to a specified amount applied to a specified amount I use to indicate a percentage of Item unit price. 6 Base Price Per Unit Use to indicate a percentage of Item total amount. SAC07 332 Percent Percent expressed as a percent Cite 4.25% as 4.25; cite 3% as 3 (note: leading a suppressed). SAC08 118 Rate Rate expressed in the standard monetary denomin specified Use to identify a dollar rate applicable to the chardiscount. The dollar rate may apply to a specifier quantity range; or to a line item total amount, a a range of amounts. SAC09 355 Unit or Basis for Measurement Code Code specifying the units in which a value is bein manner in which a measurement has been taken Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for acce	ge cited in n SAC08 at the specifie to an amount transmittend of the see percent in SC15 when addicate a pot totted in SC25 applied to	N2 1/15 SAC07 Applies. If ad format. unt range, ted. In this amount ID 1/1 is calculated the word ercentage SAC05. the Line R 1/6			
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(when SAC06 is code 1) or the dollar rate cited in necessary, qualify the amount in SAC15 using the sumultiple repetitions of this SAC segment must be instance, the amount cited represents the lower earnge. SAC06 378 Allowance/ Charge Percent Qualifier Code indicating on what basis allowance or charge 1 Item List Cost Use, in conjunction with SAC "SPECIFIED" is cited, to imapplied to a specified amount applied to a specified amount Use to indicate a percentage of Item unit price. 6 Base Price Per Unit Use to indicate a percentage of Item total amount. SAC07 332 Percent Percent expressed as a percent Cite 4.25% as 4.25; cite 3% as 3 (note: leading a suppressed). SAC08 118 Rate Rate expressed in the standard monetary denomin specified Use to identify a dollar rate may apply to a specified quantity range; or to a line item total amount, a a range of amounts. SAC09 355 Unit or Basis for Measurement Code Code specifying the units in which a value is bein manner in which a measurement has been taken Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for access and content to the content of the con	n SAC08 a the specifie to an amou to transmitt end of the X te percent i dicate a po t cited in S applied to X	applies. If and format. unt range, ted. In this amount ID 1/1 is calculated the word ercentage SAC05. the Line R 1/6			
SAC06 378 Allowance/ Charge Percent Qualifier Code indicating on what basis allowance or charge I	ce percent in C15 when a dicate a pot t cited in S applied to applied to	the word ercentage SAC05. the Line the Line			
Code indicating on what basis allowance or charg 1	ce percent in C15 when a dicate a pot t cited in S applied to applied to	the word ercentage SAC05. the Line the Line			
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Use, in conjunction with SAC "SPECIFIED" is cited, to in applied to a specified amount Sacopie	dicate a pot t cited in S applied to applied to	the Line R 1/6			
SAC07 332 Percent	applied to	the Line R 1/6			
SAC07 332 Percent	applied to	the Line R 1/6			
SAC07 332 Percent	X	R 1/6			
SAC07 332 Percent	X	R 1/6			
SAC07 Percent Percent expressed as a percent Cite 4.25% as 4.25; cite 3% as 3 (note: leading a suppressed). SAC08 118 Rate Rate expressed in the standard monetary denomin specified Use to identify a dollar rate applicable to the chardiscount. The dollar rate may apply to a specified quantity range; or to a line item total amount, a a range of amounts. SAC09 355 Unit or Basis for Measurement Code Code specifying the units in which a value is bein manner in which a measurement has been taken Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for access SAC10 380 Quantity		<u> </u>			
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specified Use to identify a dollar rate applicable to the char discount. The dollar rate may apply to a specific quantity range; or to a line item total amount, a a range of amounts. SAC09 355 Unit or Basis for Measurement Code Code specifying the units in which a value is bein manner in which a measurement has been taken Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for access SAC10 380 Quantity	0	R 1/9			
Use to identify a dollar rate applicable to the chardiscount. The dollar rate may apply to a specific quantity range; or to a line item total amount, a a range of amounts. SAC09 355 Unit or Basis for Measurement Code Code specifying the units in which a value is bein manner in which a measurement has been taken Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for access SAC10 380 Quantity	ation for t	he currency			
manner in which a measurement has been taken Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for access SAC10 380 Quantity	ed quantity	y or			
Use any code, other than code ZZ. Refer to 003050 Data Element Dictionary for access SAC10 380 Quantity	g expresse	ed, or			
Refer to 003050 Data Element Dictionary for access SAC10 380 Quantity					
SAC10 380 Quantity	entable co	de values			
	\mathbf{x}	R 1/15			
and the contract of the contra					
1. When SAC02 is code C300, use to identify the item purchase quantity range that results in an it	ncrementa	al discount.			
	 When SAC02 is code D170, use to identify the "free" quantity. When SAC02 is code D440, use to identify the line item total quantity that results in a discount if applicable. 				
4. When SAC02 is code F910, use to identify the	4. When SAC02 is code F910, use to identify the lower end of item purchase quantity range that results in a step ladder disc				
5. When SAC02 is code G740, use to specify the applicable to a service charge, if appropriate.	minimum	ı distance			
6. When SAC02 is any other code, use to identify which the charge, allowance, or discount applies this quantity will be 1, but if a greater quantity application.	s. In most	instances			
SAC11 380 Quantity	О	R 1/15			
Numeric value of quantity					
1. When SAC02 is code C300 or F910, use to ide of an item purchase quantity range that results in applicable.					

			 2. When SAC02 is code D170, use to identify the "bapplicable. 3. When SAC02 is code G740 and SAC10 is used, spansimum distance applicable to a service charge, if 	pecify	the
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	О	ID 2/2
	1		Code indicating method of handling for an allowance	or cha	irge
			Refer to 003050 Data Element Dictionary for accepta	ble co	de values.
Not Used	SAC13	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined Transaction Set, or as specified by the Reference Nur		
Not Used	SAC14	770	Option Number	0	AN 1/20
			A unique number identifying available promotion or when more than one is offered	allowa	nce options
	SAC15	352	Description	0	AN 1/80
			A free-form description to clarify the related data electrontent 1. Use to provide text information related to information this segment.		
			2. When it is necessary to qualify the amount cited a following format:	in SAC	CO5, use the
			a. To identify the amount as a line item total amoun	ıt, cite	the word
			b. To identify the amount as a specified amount, cit "SPECIFIED"	e the w	ord,

Segment: N1 Name

Position: 230

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use:

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:

1. Use this 2/N1/230 loop to identify parties that apply to the cited item in LIN01 or SLN01.

2. Whenever possible, identification and address information should be provided using code values contained in a combination of N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when address information cannot be provided using one of the codes listed in N103.

	Ref.	Data			•		
	Des.	Element	<u>Name</u>			Attr	<u>ibutes</u>
Must N101 98 Use		98	Entity Ident	Entity Identifier Code			ID 2/2
			Code identify	ying a	nn organizational entity, a physical l	ocation	n, or an
			individual				
			56		Servicing Dealer		
					Use to indicate a dealer who serv		
					This is the location to obtain serv	rice su	ch as a
			DL		repair. Dealer		
			DL		Use to indicate a dealer or reselle	or of n	roducts
			DS		Distributor	i oj pi	ouncis.
			DS			the eit	ad itam
			LV		Use to indicate the distributor of Free on Board Point	ine cu	ea uem.
			KX			•, 1	. 1
					Use to indicate the FOB point whe described by a specific address range code value indicating either original destination. Use in conjunction code ZZ.	ther th in or	nan as a
			MF		Manufacturer of Goods		
			1411		Use to indicate the manufacturer	of the	cited
					item.	oj iii	
			PL		Party to Receive Purchase Order		
					Use to indicate the location to wh to be sent if different than the ad selling party, dealer, or distribute	dress o	
			RI		Remit To		
			-		Use to indicate a specific remit-to unique for the item or service ide LIN segment.		
			SF		Ship From		
			-	1	Use to indicate a location from w will be shipped.	hich a	ll items
			SV		Service Performance Site		
				•	When services are contracted for, the organization for whom or loca which those services will be perfo	ation ac	
					Use to indicate a location where provided.		ce is
	N102	93	Name			X	AN 1/35
			Free-form na	me			
	N103	66	Identificatio	n Co	de Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			for	
					EDI program uses the DUNS num	ber, ot	her
					of this implementation convention		

					ition period in order to irement actions.			
			1		D-U-N-S Number, Dun & Brad	dstreet		
			·		Use of the DUNS or DUNS + preferred over other codes to i			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix						
					Use of the DUNS or DUNS +4 preferred over other codes to i			
			21		Health Industry I.D. Number (l	HIN)		
			33		Commercial and Government I	Government Entity (CAGE)		
			LI		Labeler Identification Code (L.	IC)		
	N104	67	Identificati	on C	ode	X	AN 2/20	
			Code identi	fying	a party or other code		•	
Not Used	N105	706	Entity Rela	tions	hip Code	0	ID 2/2	
			Code descri	bing	entity relationship			
Not Used	N106	98	Entity Iden	tifier	Code	0	ID 2/2	
			Code identi individual	fying	an organizational entity, a physica	al locatio	n, or an	

N2 Additional Name Information Segment:

Position: 240

Optional N1

Loop: Level: Detail Usage: Optional

Max Use:

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

Syntax Notes: Semantic Notes:

Comments: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. **Notes:**

	Ref.	Data			
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
Must Use	N201	93	Name	${f M}$	AN 1/35
			Free-form name		
	N202	93	Name	0	AN 1/35
			Free-form name		

N3 Address Information Segment:

Position: 250

N1 Optional

Loop: Level: Detail Usage: Optional

Max Use:

To specify the location of the named party

Purpose: Syntax Notes: **Semantic Notes: Comments:**

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. **Notes:**

	Ref.	Data			
	Des.	Element	Name	Attri	<u>ibutes</u>
Must Use	N301	166	Address Information	M	AN 1/35
			Address information		
	N302	166	Address Information	0	AN 1/35
			Address information		

N4 Geographic Location Segment:

Position: 260

N1 Optional

Loop: Level: Detail Usage: Optional

Max Use:

To specify the geographic place of the named party **Purpose: Syntax Notes:** 1 If N406 is present, then N405 is required.

Semantic Notes:

Comments: A combination of either N401 through N404, or N405 and N406 may be adequate to

specify a location.

N402 is required only if city name (N401) is in the USA or Canada.

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. **Notes:**

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		<u>Attributes</u>
	N401	19	City Name	0	AN 2/30
			Free-form text for city name		
	N402	156	State or Province Code	0	ID 2/2
			Code (Standard State/Province) as defined by appropriate	goverr	nment agency
	N403	116	Postal Code	0	ID 3/11
			Code defining international postal zone code excluding pu (zip code for United States)	inctuat	ion and blanks
	N404	26	Country Code	0	ID 2/3
		•	Code identifying the country	•	
Not Used	N405	309	Location Qualifier	X	ID 1/2
0300			Code identifying type of location	<u> </u>	
Not	N406	310	Location Identifier	0	AN 1/30
Used					
			Code which identifies a specific location		

 $PER \ \ {\tt Administrative\ Communications\ Contact}$ Segment:

Position: 280

Optional N1 Loop:

Detail Level: Usage: Optional Max Use:

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

If either PER03 or PER04 is present, then the other is required. **Syntax Notes:**

If either PER05 or PER06 is present, then the other is required.

If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments: Notes:

This segment will be used when the point of contact is related to an entity identified in N101.

son or group to the location. I by name a contact. AN 1/35
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PER06	364	Communica	tion Number	X	AN 1/80			
		Complete cor	nmunications number including	country or are	a code			
		when applica						
			All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.					
DED07	265							
PER07	365		ion Number Qualifier	X	ID 2/2			
			ing the type of communication i					
		Use to identif PER02.	y a third communications num	ber for the pai	rty cited in			
		EM	Electronic Mail					
		EX	Telephone Extension					
		<u> </u>	Use only if PER05 is use	d citing code	TE.			
		FX	Facsimile					
		IT	International Telephone					
		1	Include the country code	•				
		TE	Telephone					
		,	Use to indicate the comm number of the individual Include the area code.					
PER08	364	Communica	ion Number	X	AN 1/80			
		when applica						
			other than those associated wit s a continuous number with no					
PER09	443		niry Reference	0	AN 1/20			
		Additional re	ference number or description to	clarify a cont	act number			
		Use, if necess	ary, to provide the title of the p	arty cited in P	PER02.			

Segment: CTT Transaction Totals

Position: 010

Loop:

Level: Summary Usage: Mandatory

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.

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.

Notes: "CTT01" carries the total number of iterations of the "LIN" segments in the

transaction set being transmitted.

	Ref.	Data	Data Element Summary				
	Des.	Element	Name	Attributes			
Must Use	CTT01	354	Number of Line Items	M	N0 1/6		
			Total number of line items in the transaction set				
Not Used	CTT02	347	Hash Total	0	R 1/10		
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.				
Not Used	CTT03	81	Weight	X	R 1/10		
			Numeric value of weight	<u>'</u>	•		
Not Used	CTT04	355	Unit or Basis for Measurement Code	X	ID 2/2		
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
Not Used	CTT05	183	Volume	X	R 1/8		
	<u> </u>		Value of volumetric measure				
Not Used	CTT06	355	Unit or Basis for Measurement Code	X	ID 2/2		
			Code specifying the units in which a value is bein manner in which a measurement has been taken	g expresse	ed, or		
Not Used	CTT07	352	Description	0	AN 1/80		
			A free-form description to clarify the related data content	elements a	and their		

SE Transaction Set Trailer Segment:

Position: 020

Loop:

Summary Mandatory Level: **Usage:**

Max Use:

To indicate the end of the transaction set and provide the count of the transmitted **Purpose:**

segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes: Semantic Notes:

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

	Ref.	Data					
	Des.	Element	Name Name	<u>Attributes</u>			
Must Use	SE01	96	Number of Included Segments	M	N0 1/10		
			Total number of segments included in a transaction set including ST and SE segments				
			"SE01" carries the total number of segments included in the transaction set being transmitted. This number includes the "ST" (header) and "SE" (trailer) segments.				
Must Use	SE02	329	Transaction Set Control Number	M	AN 4/9		
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
			This is the same number as the one carried in "ST02".				