



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 840 Request for Quotation (Revision 1)

Implementation Convention



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- High Performance Systems and Services
- Distributed Computing and Information Services
- Software Diagnostics and Conformance Testing

¹At Boulder, CO 80303.

²Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office Standard Management Committee - Secretariat National Institute of Standards and Technology Gaithersburg, MD 20899-0001

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U.S. DEPARTMENT OF COMMERCE William M. Daley, Secretary

Technology Administration

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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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840 Request for Quotation

Functional Group ID= \mathbf{RQ}

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Request for Quotation Transaction Set (840) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Heading:

Must Use	Pos. <u>No.</u> 010	Seg. <u>ID</u> ST	Name Transaction Set Header	Req. <u>Des.</u> M	Max.Use	Loop <u>Repeat</u>	Notes and Comments
Must Use	020	BQT	Beginning Segment for Request for Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Ситтепсу	О	1		
	050	REF	Reference Numbers	О	>1		
Not Used	060	PER	Administrative Communications Contact	О	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	О	>1		
Not Used	090	CTP	Pricing Information	О	>1		
Not Used	095	PAM	Period Amount	О	10		
	110	CSH	Header Sale Condition	О	25		
	120	SAC	Service, Promotion, Allowance, or Charge Information	О	25		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	О	5		
Not Used	140	DIS	Discount Detail	О	20		
	150	DTM	Date/Time Reference	О	10		
	160	LDT	Lead Time	О	12		
Not Used	180	LIN	Item Identification	O	5		n1
	190	PlD	Product/Item Description	О	200		
	200	MEA	Measurements	О	40		
	210	PWK	Paperwork	О	25		
	220	PKG	Marking, Packaging, Loading	О	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	О	2		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	О	12		
Not Used	250	TD3	Carrier Details (Equipment)	О	12		
	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	О	5		
	270	MAN	Marks and Numbers	О	10		
	280	RRA	Required Response	O	100		
			LOOP ID - N9			1000	
	290	N9	Reference Number	Ő	ĺ		
	300	MSG	Message Text	О	1000		
			LOOP ID - N1			10000	
	310	N1	Name	О	1		

	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	>1		
Not Used	350	REF	Reference Numbers	O	12		
	360	PER	Administrative Communications Contact	O	>1		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TDI	Carrier Details (Quantity and Weight)	O	2		
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	О	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	О	5		
	420	PKG	Marking, Packaging, Loading	O	200		
Not Used	430	RRA	Required Response	O	25		
			LOOP ID - SPI			7	
	440	SPI	Specification Identifier	· O	1		man managan 2000 Supplication
	450	REF	Reference Numbers	O	5		
	460	DTM	Date/Time Reference	O	5		
	470	MSG	Message Text	O	50		
			LOOP ID - NI			20	
	490	N1	Name	О	1		
	500	N2	Additional Name Information	O	2		
	510	N3	Address Information	O	2		
	520	N4	Geographic Location	O	1		
Not Used	530	REF	Reference Numbers	O	20		
	540	G61	Contact	O	1		
	550	MSG	Message Text	O	50		
			LOOP ID - CB1			>1	
	560	CB1	Contract and Cost Accounting Standards Data	O	i		sia. Militar comunità
	570	REF	Reference Numbers	O	20		
	580	DTM	Date/Time Reference	O	5		
	590	LDT	Lead Time	O	1		
	600	MSG	Message Text	O	50		

Detail:

	Pos.	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - POI		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100000	
Must Use	010	PO1	Baseline Item Data	M	1		
Not Used	020	CUR	Сиггенсу	O	1		
	025	CN1	Contract Information	О	1		
	030	PO3	Additional Item Detail	О	25		
	040	CTP	Pricing Information	О	>1		
Not Used	045	PAM	Period Amount	О	10		
	049	MEA	Measurements	О	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	Ö	1		,ACR's
Not Used	060	MEA	Measurements	O	10		
	070	PWK	Paperwork	0	25		

	080	PKG	Marking, Packaging, Loading	Ο	200		
	090	PO4	Item Physical Details	О	>1		
	100	REF	Reference Numbers	Ο	>1		
	110	PER	Administrative Communications Contact	0	3		
	130	SAC	Service, Promotion, Allowance, or Charge Information	Ο	25		
	140	IT8	Conditions of Sale	O	25		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	0	2		
Not Used	160	DIS	Discount Detail	Ο	20		
Not Used	170	TAX	Tax Reference	O	3		
	180	FOB	F.O.B. Related Instructions	Ο	>1		
	190	SDQ	Destination Quantity	0	50		
	200	DTM	Date/Time Reference	Ο	10		
Not Used	230	FST	Forecast Schedule	О	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	Ο	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	Ο	5		
	280	MAN	Marks and Numbers	Ο	10		
	290	RRA	Required Response	O	25		
	295	MSG	Message Text	O	1000		
	296	SPI	Specification Identifier	О	>1		
			LOOP ID - SCH			104	user traditional Suntagradurium
	297	SCH	Line Item Schedule	Ö	1		n2
Not Used	298	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	299	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
Not Used	300	TD3	Carrier Details (Equipment)	0	12		
Not Used	301	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
			LOOP ID - LDT	str - 1000	nadorium materiale de l'Allande de Santa de La Allande de l'Allande de	>1 ::::::::::::::::::::::::::::::::::::	der torsen - saled platitisticane,
	302	LDT	Lead Time	O	1		
	303	QTY	Quantity	O	>1		
	304	MSG	Message Text	О	1		
			LOOP ID - LM			1	garagantan milatahan
	305	LM	Code Source Information	0	1		
Must Use	306	LQ	Industry Code ·	М	1		
			LOOP ID - SLN			1000	
Not Used	308	SLN	Subline Item Detail	O O	ne committee de la committe de la co	amananananantiko hintoi xi	tu estitututukutillisilittiinin
Not Used	310	PID	Product/Item Description	0	1000		
			LOOP ID - N9			1000	
	320	N9	Reference Number	O	resissamente i interesista per executadorio. I	ananide damente i ini di Ini di Militari (160)	ancertailetta – Salahii Walio Albertalii kallelaan
	330	MSG	Message Text	0	1000		
			LOOP ID - N1	Manager	may Bushing	· >1	Such a for he
	340	NI	Name	Stanie der lei 25 au 2 per aktolist ause. O	isanin tina kananan muun marin tuni 1	* >l alishlist strudismususkani istaa	ras en sikliski skribiskisteri.
	340 350	N1 N2	commence in the best and the commence of the best of t	0 ()	onesis, kõisen almeesin muun en sõi sõisekseen 1 2	>l	om ein siddlicht für Siedlistere.
			Name			>L	na en siklikli blisikerkisten
	350	N2	Name Additional Name Information	O	2	> September S	ra en siddels theslantainn

840 - Request for Quotation

	390	PER	Administrative Communications Contact	O	3	
Not Used	400	FOB	F.O.B. Related Instructions	O	1	
	405	SCH	Line Item Schedule	O	200	
Not Used	410	TD1	Carrier Details (Quantity and Weight)	О	2	
	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	430	TD3	Carrier Details (Equipment)	O	12	
	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	О	5	
	450	PKG	Marking, Packaging, Loading	O	200	
Not Used	460	RRA	Required Response	O	25	
Not Used	465	CTP	Pricing Information	O	1	
Not Used	469	PAM	Period Amount	O	10	
			LOOP ID - LDT			>1
	470	LDT	Lead Time	O	ĩ	era. antilinalisticini.
	480	MAN	Marks and Numbers	O	10	
	490	QTY	Quantity	O	5	
	500	MSG	Message Text	O	1000	

Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	No.	ID	<u>Name</u>	Des.	Max.Use	Repeat	Comments
Must Use	010	CTT	Transaction Totals	M	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

- 1. If segment LIN is used, do not use LIN01.
- 2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used, the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 3. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

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ST Transaction Set Header Segment:

010 Position:

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose:

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

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:

Must Use	Ref. Des. ST01	Data Element 143	Transaction Set Identifier Code	Attr M	ributes ID 3/3
			Code uniquely identifying a Transaction Set 840 X12.7 Request for Quotation		
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the functional group assigned by the originator for a transaction.		AN 4/9 ction set

Segment: BQT Beginning Segment for Request for Quotation

Position: 020

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a Request for Quotation Transaction Set and transmit

identifying numbers and dates

Syntax Notes: Semantic Notes: 1 If either BQT04 or BQT05 is present, then the other is required.

res: 1 BQT03 is the date to be used for reference purposes in an RFQ and a reponse to

RFQ.

Comments:

	Dof	Data	Data E	iement Summary		
	Ref. Des.	Data Element	<u>Name</u>		Att	ributos
Must Use	BQT01	353		t Purpose Code	M	ributes ID 2/2
Trade esc	24101			g purpose of transaction set	111	10 2/2
			00	Original		
			01	Cancellation		
			02	Add		
			03	Delete		
			04	Change		
			05	Replace		
			07	Duplicate		
			14	Advance Notification		
			17	Cancel, to be Reissued		
			18	Reissue		
			22	Information Copy		
			24	Draft		
Must Use	BQT02	586		ote Reference Number and by the purchaser to identify his request fo	M r guo	AN 1/45 te
Must Use	BQT03	373	Date		M	DT 6/6
	_ (Date (YYMMD)	D)		
Not Used	BQT04	374	Date/Time Qua		X	ID 3/3
Not Used	BQT05	373	Date	g type of date or time, or both date and time	X	DT 6/6
1101 0500	DQ103	373	Date (YYMMD)	D)	Λ	D1 0/0
	BQT06	92	Purchase Orde	r Type Code	O	ID 2/2
			Code specifying	the type of Purchase Order		
			KA	Agreement		
			KB	Blanket Purchase Agreement		
			KC	A charge account established with qua supply to satisfy repetitive requiremen Contract		sources of
			KD	A legally binding document wherein o provide supplies or services and anothe provide compensation for the supplies Basic Agreement	er par or se	ty agrees to
			KE	A written instrument of understanding contemplates separate future contracts Basic Ordering Agreement	that	

			A document which contains terms and conditions, a description of supplies or services to be provided and methods of pricing, issuing, and delivering orders under this agreement
		KG	Grant
		KI	Indefinite Delivery Indefinite Quantity
		KN	A contract that provides for a minimum quantity and an indefinite maximum quantity within stated limits Purchase Order
		KQ	Procurement instrument within the small purchasing threshold Indefinite Delivery Definite Quantity
		`	A contract that provides for delivery of a specified quantity over a fixed period of time to unspecified locations
		KR	Requirements
		KS	A contract to provide all specified requirements of designated organizations for a fixed period of time Letter Contract
		KT	Task Order
		LS	Lease
		RL	Release or Delivery Order
		142	An order for goods and services placed against a pre-
			existing contract or blanket order
BQT07	960	Request for Qu	ote Type Code O ID 2/2
		Code specifying	the type of request for quote
		01	Request For Quote
		03	Invitation for Bid
		04	Request for Proposal
		06	Amendment to Solicitation
		07	Request for Technical Proposal
		08	Request for Price Proposal
		09	Request for Information
		11	Broad Announcement
рожов	11//	BF	Best and Final
BQT08	1166	Contract Type	
		Code identifying	• •
		CA	Cost Plus Incentive Fee (With Performance Incentives)
		CB CH	Cost Plus Incentive Fee (Without Performance Incentives) Cost Sharing
		CS	Cost
		CW	Cost Plus Award Fee
		CX	Cost Plus Fixed Fee
		FB	Fixed Price Incentive Firm Target (With Performance
		FC	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive)
		FD	Fixed Price Redetermination
		FF	Fixed Price Incentive Successive Target (With Performance Incentive)
		FG	Fixed Price Incentive Successive Target (Without Performance Incentive)

		FH	Fixed Price Award Fee
		FJ	Fixed Price Level of Effort
		FΚ	No Cost
		FR	Firm Fixed Price
		FX	Fixed Price with Economic Price Adjustment
		LH	Labor Hours
		TM	Time and Materials
		ZZ	Mutually Defined
BQT09	786	Security Level	•
			the level of confidentiality assigned by the sender to the
		information foll	
		92	Government Confidential
		93	Government Secret
		94	Government Top Secret
BQT10	1232	Purchase Cate	gory O ID 2/2
		Code identifying	g the broad category of products or services being acquired
		AE	Architect and Engineering
		CN	Construction
		DR	Demolish, Dismantle or Replace
		ER	Equipment Rental
		İR	Inspect and Repair as Necessary
		MD	Modification
		OV	Overhaul
		RD	Research and Development
		RE	Repair
		SB	Shipbuilding
		SP	Supplies
		SÚ	Subsistence
		SV	Services
		Tritte	Test and Evaluation
		TE UT	Utilities

8

CUR Currency Segment: 040 Position: Loop: Level: Heading Usage: Optional Max Use: Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction Syntax Notes: 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. If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 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.

	Ref.	Data			
	Des.	Element	<u>Name</u>	Att	ributes
Must Use	CUR01	98	Entity Identifier Code	\mathbf{M}	ID 2/2
			Code identifying an organizational entity, a physical location	n, or	an individual
			C5 Party Submitting Quote		
			A business entity submitting a quote; the party who ultimately performs if a		
			received, or the entity may be submitted	ing th	e quote on
			behalf of another entity who will perfo	orm if	f an order is
			received		
Must Use	CUR02	100	Currency Code	\mathbf{M}	ID 3/3
			Code (Standard ISO) for country in whose currency the cha	rges a	are specified
Not Used	CUR03	280	Exchange Rate	O	R 4/6
			Value to be used as a multiplier conversion factor to conver	t mor	netary value
			from one currency to another		
Not Used	CUR04	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location	n, or	an ındividual
	CUR05	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the cha	rges :	are specified
Not Used	CUR06	669	Currency Market/Exchange Code	O	ID 3/3
			Code identifying the market upon which the currency excha	ange r	rate is based
Not Used	CUR07	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR08	373	Date	0	DT 6/6
			Date (YYMMDD)		
Not Used	CUR09	337	Time	0	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM,	or HF	HMMSS, or
			HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$, N		
			59), S = integer seconds (00-59) and DD = decimal seconds	s; dec	imal seconds
			are expressed as follows: D = tenths (0-9) and DD = hundre	dths	(00-99)

•	-				
Not Used	CÜR1Ö	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR11	373	Date Date (YYMMDD)	X	DT 6/6
Not Used	CUR12	337	Time Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where H = hours (00-23), M 59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundre	1 = m; ; deci	inutes (00- mal seconds
Not Used	CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR14	373	Date Date (YYMMDD)	X	DT 6/6
Not Used	CUR15	337	Time Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where H = hours (00-23), M 59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundressed as follows: D = tenths (0-9) and DD = hundressed as follows:	1 = m: ; deci	inutes (00- mal seconds
Not Used	CUR16	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR17	373	Date Date (YYMMDD)	X	DT 6/6
Not Used	CUR18	337	Time Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where H = hours (00-23), M 59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = hundred to the follows: D = tenths (0-9) and DD = tenths (0-9) a	1 = m: ; deci:	inutes (00- mal seconds
Not Used	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR20	373	Date Date (YYMMDD)	X	DT 6/6
Not Used	CUR21	337	Time Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where H = hours (00-23), M 59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundred	1 = m: ; deci:	inutes (00- mal seconds

REF Reference Numbers Segment:

Position: 050

Loop:

Heading Optional Level: Usage: Max Use: >1

Purpose:

Syntax Notes: Semantic Notes:

Comments:

To specify identifying numbers.

1 At least one of REF02 or REF03 is required.

	D 6	ъ.	Data Elem	ent Summary	
	Ref. Des.	Data <u>Element</u>	Name		Attributes
Must Use	REF01	128	Reference Number	=	M ID 2/2
			16	e Reference Number. Military Interdepartmental Purchase R Number A specific form used to transmit oblig (dollars) and requirements between a s requiring a purchase and a military ser responsible for procuring the requirem	ation authority service or agency vice or agency
			2E	Foreign Military Sales Case Number	
				A reference number designating the for sale records	oreign military
			2S	Catalog	
			2Y	Wage Determination	
			73	Statement of Work (SOW)	
			97	Description of a product or service to a contract; statement of requirements Package Number	be procured under
				A serial number indicating unit shippe	ed
			CT	Contract Number	
			DG	Drawing Number	
			DS	Defense Priorities Allocation System (Rating	(DPAS) Priority
			IJ	Standard Industry Classification (SIC)	Code
			IL	Internal Order Number	
			IQ	End Item	
			IX	Item Number	
			K4	Criticality Designator	
			W.C.	A number assigned to a contract or ord the relative importance of that contract thereby assists the contractor in making decisions and assists in making product decisions	t or order and g performance
			KS	Solicitation A discreet number assigned by the put to differentiate between different solic	
			LT	Lot Number	
			LX	Qualified Products List	
			NI	Military Standard (MIL-STD) Numbe	r
			NJ	Technical Document Number	

		NL	Technical Order Number
		P4	Project Code
		PH	Priority Rating
		QC	Product Specification Document Number
			Model designation of replacement component
		RQ	Purchase Requisition No.
		RS	Returnable Container Serial Number
		S2	Military Specification Number (MILSPEC)
		S3	Specification Number
		T4	Signal Code
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
		TN	Transaction Reference Number
		TP	Test Specification Number
		VW	Standard
		W2	Weapon System Number
			Identifies a weapon system
		W6	Federal Supply Schedule Number
		W8	Identifies an item with a two-digit group number, two-digit part number, and one-character section letter Suffix
			Differentiates between partial actions taken on the original transaction
		WK	Type of Science Code
		XE	Transportation Priority Number
		7.7	Number indicating the level of government priority associated with the transportation of a shipment
DUDOO		ZZ	Mutually Defined
REF02	127	Reference Numb	
DEFO	250	Transaction Set, o	r or identification number as defined for a particular as specified by the Reference Number Qualifier.
REF03	352	Description	X AN 1/80
		A free-form descr	iption to clarify the related data elements and their content

FOB F.O.B. Related Instructions Segment:

Position:

080

Loop: Level: Heading Usage: Optional Max Use: >1

Purpose: Syntax Notes:

To specify transportation instructions relating to shipment

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. If FOB08 is present, then FOB09 is required. 4

FOB01 indicates which party will pay the carrier. Semantic Notes: 1

FOB02 is the code specifying transportation responsibility location.

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:

			Data Eleme	ent Summary		
	Ref. Des.	Data Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	FOB01	146	Shipment Method	of Payment	M	ID 2/2
Must ese	10001	1.0		yment terms for transportation charges		117 212
			BP	Paid by Buyer		
			PE	The buyer agrees to the transportation requiring the buyer to pay transportation specified location (origin or destination Prepaid and Summary Bill	on ch	arges to a
			PP	Prepaid (by Seller)		
			PS	Paid by Seller		
			13	The seller agrees to the transportation requiring the seller to pay transportation specified location (origin or destination)	n ch	arges to a
	FOB02	309	Location Qualifier		X	ID 1/2
			Code identifying typ	pe of location		
			DE	Destination (Shipping)		
			FV	Free Alongside Vessel (Free On Board	l [F.C	D.B.] Point)
			IT	Intermediate FOB Point		
			KE	A location indicating the point of desti origin or final destination but rather at Port of Embarkation		
			KL	Port of Loading		
			OR	Origin (Shipping Point)		
			W	Worldwide Geographic Location Code	,	
			ZZ	Mutually Defined		
Not Used	FOB03	352	Description A free-form descrip	tion to clarify the related data elements	O and t	AN 1/80 heir content
Not Used	FOB04	334	-	rms Qualifier Code e source of the transportation terms	O	ID 2/2
Not Used	FOB05	335	Transportation Te	rms Code	X	ID 3/3
			Code identifying the responsibility	e trade terms which apply to the shipmen	nt tra	nsportation
	FOB06	309	Location Qualifier		X	ID 1/2

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			Code identifying	type of location		
			DE	Destination (Shipping)		
			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
Not Used	FOB07	352	Description A free-form descr	ription to clarify the related data elements	O and th	AN 1/80 heir content
Not Used	FOB08	54	Risk of Loss Qua Code specifying v	alifier where responsibility for risk of loss passes	0	ID 2/2
Not Used	FOB09	352	Description A free-form descr	ription to clarify the related data elements	X and tl	AN 1/80 heir content

Segment: CSH Header Sale Condition

Position: 110

Loop:

Level: Heading Usage: Optional Max Use: 25

Purpose: To specify general conditions or requirements of the sale

Syntax Notes: 1 If CSH02 is present, then CSH03 is required.

2 If either CSH06 or CSH07 is present, then the other is required.

Semantic Notes: 1 CSH03 is the maximum monetary amount value which the order must not exceed.

2 CSH04 is the account number to which the purchase amount is to be charged.

3 CSH05 is the date specified by the sender to be shown on the invoice.

4 CSH06 identifies the source of the code value in CSH07.

5 CSH09 is the percent of the Set-Aside.

Comments:

Ref.	Data				
Des.	Element	<u>Name</u>		Attributes	
CSH01	563	Sales Requiremen	nt Code	O ID 1/2	
		Code to identify a	specific requirement or agreement of sale	e	
		8A	Section (8a) Set-Aside		
			A procurement reserved for disadvant firms the provisions of Section 8(a) of Business Act (15 U.S.C. 637 (a))	the Small	
		BC	Restricted to Historically Black Colleg or Minority Institution	ge or University	
		С	Consignment		
		EI	Restricted to Educational Institutions		
		GS	Guaranteed Sale		
		IP	Restricted to Industrial Preparedness F Participants	Program	
		IS	Substitute Item Allowed		
		K	Small Purchase Set Aside for Small Businesses		
		P	A procurement action that has been re aside for) businesses classified as "sm Large Purchase, Set-Aside for Small I	all business"	
		P2	Ship As Soon As Possible	Justitess	
		P4	Do Not Preship		
		Q	Small, Disadvantaged Business Set-As	side	
		QB	On Qualified Bidders List	Side	
		QM	On Qualified Manufacturers List		
		QP	Restricted to Qualified Products List (OPL) Products	
		SC	Ship Complete	(, · ·	
		SV	Ship Per Release		
		T	Small Business with Small, Disadvant Consideration Set-Aside	aged Business	
		UC	Restricted to U.S. and Canadian Source	ces	
		UL	Other Unlisted Sales Condition		
		UP	Unrestricted Procurement		
		YI	Restricted to Young Investigator Prog	ram	
		Z	Mutually Defined		

Not Used	CSH02	564	Do-Not-Exceed A		0	ID 1/1	
			_	Code indicating the action to be taken if the order amount ex			
	CSH03	610	Do-Not-Exceed A Amount	mount (363)	X	N2 1/15	
	CSHUS	010			Λ	11/13	
BT 4 WT I	CCTTO	500	Monetary amount Account Number		0	A DI 1/25	
Not Used	CSH04	508	Account Number a		0	AN 1/35	
Not Hood	CCHOE	373	Date	issigned	0	DT 6/6	
Not Used	CSH05	3/3	Date (YYMMDD)		U	D1 0/0	
	CSH06	559	Agency Qualifier		X	ID 2/2	
	CSHOO	337			Λ	ID 2/2	
				he agency assigning the code values	37	1.2	
			AX	ANSI Accredited Standards Committee			
	CSH07	560	Special Services		X	ID 2/10	
			Code identifying t	he special service			
			PL	Palletizing			
			S0050	Special Packaging			
	CSH08	566	Product/Service S	Substitution Code	0	ID 1/2	
			Code indicating pr	roduct or service substitution conditions			
			A	No Quantity or Unit of Measure Chan	ge A	llowed	
			В0	No Substitution Allowed			
			X	Equivalent Item Substitution			
			Y	Alternate Item Substitution Allowed			
	CSH09	954	Percent	The man section section in the weather	0	R 1/10	
	CSHU	734		and an adaptional	U	1 1/10	
			Percentage expres	sed as a decimal			

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

Position: 120

Loop:

Level: Heading 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: 1 At least one of SAC02 or SAC03 is required.

If either SAC03 or SAC04 is present, then the other is required.
 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.

5 If SAC11 is present, then SAC10 is required.

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

7 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.

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

3 SAC08 is the allowance or charge rate per unit.

4 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:

1 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.

	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	SAC01	248	Allowance or Charge Indicator	\mathbf{M}	ID 1/1
			Code which indicates an allowance or charge for the service	spec	ified
			R Allowance Request		
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	\mathbf{X}	ID 4/4
			Code identifying the service, promotion, allowance, or charge	ge	
			Refer to 003050 Data Element Dictionary for acceptable code	de va	lues.
Not Used	SAC03	559	Agency Qualifier Code	\mathbf{X}	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge	\mathbf{X}	AN 1/10
			Code		
			Agency maintained code identifying the service, promotion, charge	allov	wance, or
Not Used	SAC05	610	Amount	0	N2 1/15
			Monetary amount		
Not Used	SAC06	378	Allowance/ Charge Percent Qualifier	\mathbf{X}	ID 1/1
			Code indicating on what basis allowance or charge percent i	s cal	culated
Not Used	SAC07	332	Percent	\mathbf{X}	R 1/6

			Percent expressed as a percent		
Not Used	SAC08	118	Rate	0	R 1/9
			Rate expressed in the standard monetary denomination for the specified	he cu	rrency
Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expresse which a measurement has been taken	d, or	manner in
Not Used	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or cha	rge	
Not Used	SAC13	127	Reference Number	\mathbf{X}	AN 1/30
			Reference number or identification number as defined for a Transaction Set, or as specified by the Reference Number Q	•	
Not Used	SAC14	770	Option Number	0	AN 1/20
			A unique number identifying available promotion or allowarmore than one is offered	nce o	ptions when
Not Used	SAC15	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements a	and th	neir content

DTM Date/Time Reference Segment:

Position: 150

Loop:

Level: Heading Usage: Optional 10

Max Use:

To specify pertinent dates and times Purpose:

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

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

Semantic Notes:

Comments:

			Data Elem	ent Summary		
	Ref.	Data				
	Des.	Element	Name Name			ributes
Must Use	DTM01	374	Date/Time Qualific		M	ID 3/3
				be of date or time, or both date and time		
			002	Delivery Requested		
			007	Effective		
			017	Estimated Delivery		
			063	Do Not Deliver After		
			064	Do Not Deliver Before		
			077	Requested for Delivery (Week of)		
			099	Bid Open (Date Bids Will Be Opened)	1	
			106	Required By		
			174	Month Ending		
			193	Period Start		
			194	Period End		
			368	Submittal		
				Date an item was submitted to a custon	ner	•
			375	Delivery Start		
				The date that deliveries will begin		
			376	Delivery End		
				The date that deliveries will end		
			565	Date of Property Inspection		
			644	Meeting		
			937	Department of Labor Wage Determina	tion I	Date
			996	Required Delivery		
			997	A date on which or before, ordered goo must be delivered Quote to be Recieved By	ods or	services
				A date on which or before a quote mus location specified in an RFQ	t be re	eceived at a
	DTM02	373	Date		X	DT 6/6
			Date (YYMMDD)			
	DTM03	337	Time		X	TM 4/8
			HHMMSSD, or HH 59), S = integer seco	24-hour clock time as follows: HHMM, (MMSSDD, where H = hours (00-23), Nonds (00-59) and DD = decimal seconds lows: D = tenths (0-9) and DD = hundre	f = mi ; deci	inutes (00- mal seconds
	DTM04	623	Time Code	(')	0	ID 2/2

Code identifying the time. In accordance with International Standards
Organization standard 8601, time can be specified by a + or - and an indication
in hours in relation to Universal Time Coordinate (UTC) time; since + is a
restricted character. + and - are substituted by P and M in the codes that follow

		restricted char	acter, + and - are substituted by P and	M in the coo	les that follow
		CT	Central Time		ios mai romo.
		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 o	characters in the designation of the year	ar (CCYY)	
DTM06	1250	Date Time Pe	riod Format Qualifier	X	ID 2/3
		Code indicatin	g the date format, time format, or dat	e and time fo	rmat
		Refer to 00305	50 Data Element Dictionary for accep	table code va	lues.
DTM07	1251	Date Time Pe	riod	X	AN 1/35
		Expression of	a date, a time, or range of dates, times	s or dates and	l times

LDT Lead Time Segment:

160 Position:

Loop:

Level: Heading Optional Usage:

Max Use:

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

Syntax Notes:

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

LDT02 is the quantity of unit of time periods. Comments:

	Ref. Des.	Data Element	Name		Attı	ributes
Must Use	LDT01	345	Lead Time Code		M	ID 2/2
			Code indicating the			
			ΑĎ	From date of sample approval to first p	rodu	ct shipment
			AI	From Date of a Specified Event to Del	ivery	
			AT	From Bid Opening to Expiration of Bio	d	
			AU	From Required-By Date to Expiration	Date	
			AV	From Date of Award to Date of Latest	Deliv	ery
			AW	From Date of Award to Date of Earlies	st Del	ivery
			AX	From Date of Award to Date of Compl	etion	•
			AY	From Date of Award to Date of Delive	ry	
			AZ	From Date of Receipt of Item to Date of Item	of Ap	proval of
Must Use	LDT02	380	Quantity		M	R 1/15
			Numeric value of qu	ıantity		
Must Use	LDT03	344	Unit of Time Perio		M	ID 2/2
			Code indicating the	time period or interval		
			CY	Calendar Year		
			DA	Calendar Days		
			KK	Maximum Calendar Days		
			MO	Month		
			QY	Quarter of a Year		
			SA	Semiannual		
			WK	Weeks		
	LDT04	373	Date		O	DT 6/6
			Date (YYMMDD)			

PID Product/Item Description Segment: Position: Loop:

Level: Heading Usage: Optional Max Use: 200

Comments:

Purpose: To describe a product or process in coded or free-form format **Syntax Notes:** If PID04 is present, then PID03 is required.

> At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required.

If PID08 is present, then PID03 is required.

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

PID04 should be used for industry-specific product description codes. PID08 describes the physical characteristics of the product identified in PID04. A 3 "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate.

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

2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

3 PID07 specifies the individual code list of the agency specified in PID03.

			Data Element Summary		
	Ref. Des.	Data Element	Name	Att	ributes
Must Use	PID01	349	Item Description Type	M	ID 1/1
Winst Ose	1 11001	347	Code indicating the format of a description	141	10 1/1
			F Free-form		
			S Structured (From Industry Code List)		
			X Semi-structured (Code and Text)		
	PID02	750	Product/Process Characteristic Code	O	ID 2/3
			Code identifying the general class of a product or process of	harac	teristic
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.
	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.
	PID04	751	Product Description Code	X	AN 1/12
			A code from an industry code list which provides specific of	lata al	oout a product
			characteristic		
	PID05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements	and th	heir content
Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that i	s bein	g described
Not Used	PID07	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the	e Sou	rce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		

Segment: MEA Measurements

Position: 200

Loop:

Level: Heading Usage: Optional Max Use: 40

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances,

and weights (See Figures Appendix for example of use of C001)

Syntax Notes: 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

If MEA05 is present, then MEA04 is required.If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or

any measurement where a positive (+) value cannot be assumed, use MEA05 as the

negative (-) value and MEA06 as the positive (+) value.

			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name		ributes
	MEA01	737	Measurement Reference ID Code	O	ID 2/2
			Code identifying the broad category to which a measurement	nt app	olies
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.
	MEA02	738	Measurement Qualifier	O	ID 1/3
			Code identifying a specific product or process characteristic measurement applies		
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.
	MEA03	739	Measurement Value	X	R 1/20
			The value of the measurement		
	MEA04	C001	Composite Unit of Measure	X	
			To identify a composite unit of measure (See Figures Appellation)	ndix	for examples
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expresse which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co		
Not Used	C00102	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co		
Not Used	C00105	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2
			Code specifying the units in which a value is being expresse which a measurement has been taken	ed, or	manner in
Not Used	C00108	1018	Exponent	O	R 1/15

			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being express	ed, or	manner in
Not Used	C00111	1018	which a measurement has been taken Exponent	0	R 1/15
Not Used	COUITI	1010	Power to which a unit is raised	O	K 1/15
Not Used	C00112	649	Multiplier	0	R 1/10
riot oscu	CUUITZ	017	Value to be used as a multiplier to obtain a new value	Ü	1710
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being express	ed, or	manner in
			which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	MEA05	740	Range Minimum	X	R 1/20
			The value specifying the minimum of the measurement ran	ge	
	MEA06	741	Range Maximum	X	R 1/20
			The value specifying the maximum of the measurement ran	ıge	
Not Used	MEA07	935	Measurement Significance Code	O	ID 2/2
			Code used to benchmark, qualify or further define a measur	remen	t value
Not Used	MEA08	936	Measurement Attribute Code	X	ID 2/2
			Code used to express an attribute response when a numeric cannot be determined	meas	urement value
Not Used	MEA09	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that i	s bein	g described
Not Used	MEA10	1373	Measurement Method or Device	O	ID 2/4
			The method or device used to record the measurement		

Segment:

PWK Paperwork

Position:

210

Loop:

Level: Usage: Heading Optional

Max Use:

25

Purpose:

Comments:

To identify the type and transmission of paperwork or supporting information If either PWK05 or PWK06 is present, then the other is required.

Syntax Notes:

Semantic Notes:

PWK05 and PWK06 may be used to identify the addressee by a code number.

PWK07 may be used to indicate special information to be shown on the specified

PWK08 may be used to indicate action pertaining to a report.

	Data Element Summary					
Must Use	Ref. Des. PWK01	Data Element 755	Name Report Type Code Code indicating the	title or contents of a document, report or	Attributes M ID 2/2	
			22	Functional Plan	supporting item	
			25	Purchase Plan		
			35	Subcontractor Plan		
			AE	Attachment		
			C1	Cost Data Summary		
			C5	Certified Cost and Price Data		
			C6	Wage Determination		
			CP	Certificate of Compliance (Material Ce	rtification)	
			CX	Cost/Schedule Status Report (C/SSR)		
				Contract status report showing budget, actual, cost variance, schedule variance complete, estimate at complete, and var complete at specified levels of the work structure	e, budget at riance at	
			CY	Contract Funds Status Report (CFSR)		
			DW	Status report for funds appropriation in commitments, actual cost, forecast of b estimated termination costs Drawing(s)		
			F1	Cost Performance Report (CPR) Forma	nt 1	
				Detailed contract status report including reporting month values at specified level breakdown structure		
			F2	Cost Performance Report (CPR) Forma	it 2	
			F3	Detailed contract status report at speciforganization breakdown structure Cost Performance Report (CPR) Forma		
				Contract baseline report that summarize contract over a given reporting period vand ending values	•	
			F4	Cost Performance Report (CPR) Forma	it 4	
			F5	Contract resource summary report that requirements for the remainder of a contract Cost Performance Report (CPR) Format	ntract	

				Contract summary or detail report exp	lainir	ng significant
			T. (7)	cost or schedule variances		
			IT	Certified Inspection and Test Results		
			MR	Material Inspection and Receiving Re	port	
			MS	Material Safety Data Sheet		
			PD	Proof of Delivery		
			PJ	Purchasing Specification		
				Specifications, generated by a custom acceptance limits on the properties or the product being purchased; purchasi may additionally supply instructions f transportation, delivery, and payments	perfo ng sp or pa	rmance of ecifications
			PM	Proof of Insurance		
			PP	Proposal		
			S9	Representation		
			SD	A statement (report) by a prospective makes a representation about a specific Support Data for a Request for Quote		
			SF	Contract Security Classification Speci	ficati	on
			SN	Shipping Notice	-10-011	
			SP	Specification		
			UA	Union Agreement		
			US	"BUY AMERICA" Certification of Co	omnli	ance
	PWK02	756	Report Transmiss		0	ID 1/2
	1 //1102	,	-	ng, transmission method or format by w	_	
			be sent			op or so wro to
			BE	By Mail and Electronically		
			BM	By Mail		
			CF	Courier		
			DA	Data		
			EL	Electronically Only		
			FX	By Fax		
			IA	Electronic Image		
			WS	With Shipment (With Package)		
	PWK03	757	Report Copies Ne	eded	O	N0 1/2
			The number of cop	ies of a report that should be sent to the	addre	ssee
	PWK04	98	Entity Identifier (Code	O	ID 2/2
			Code identifying an	n organizational entity, a physical location	n, or	an individual
			44	Data Processing Service Bureau		
			7N	Party to Receive Proposal		
			BY	Buying Party (Purchaser)		
			IS	Party to Receive Certified Inspection	Repor	t
			KF	Audit Office		
				The office performing the audit		
			KG	Project Manager		
				The address of the person responsible management of a designated project	for th	e
			KY	Technical Office		
Not Used	PWK05	66	Identification Code Code designating to Code (67)	le Qualifier he system/method of code structure used	X for I	ID 1/2 dentification

Not Used	PWK06	67	Identification Code Code identifying a party or other code	X	AN 2/20
	PWK07	352	Description	0	AN 1/80
			A free-form description to clarify the related data elements	and t	heir content
	PWK08	C002	Actions Indicated	O	
			Actions to be performed on the piece of paperwork identifi	.ed	
Must Use	C00201	704	Paperwork/Report Action Code	M	ID 1/2
			Code specifying how the paperwork or report that is identified segment relates to the transaction set or to identify the action 2 Report to be Filed		
			5 Generate		
			PV Provided		
Not Used	C00202	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is identify segment relates to the transaction set or to identify the action		
Not Used	C00203	704	Paperwork/Report Action Code	O	ID 1/2
			Code specifying how the paperwork or report that is identify segment relates to the transaction set or to identify the action		
Not Used	C00204	704	Paperwork/Report Action Code	O	ID 1/2
			Code specifying how the paperwork or report that is identify segment relates to the transaction set or to identify the action		
Not Used	C00205	704	Paperwork/Report Action Code	O	ID 1/2
			Code specifying how the paperwork or report that is identif		
			segment relates to the transaction set or to identify the action	on that	i is required

Segment: PKG Marking, Packaging, Loading

Position: 220

Loop:

Level: Heading Usage: Optional Max Use: 200

Purpose: Syntax Notes:

To describe marking, packaging, loading, and unloading requirements

1 At least one of PKG04 PKG05 or PKG06 is required.

2 If PKG04 is present, then PKG03 is required.

3 If PKG05 is present, then PKG01 is required.

Semantic Notes: Comments: 1 PKG04 should be used for industry-specific packaging description codes.

Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.

2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.

3 Use PKG03 to indicate the organization that publishes the code list being referred to.

4 Special marking or tagging data can be given in PKG05 (description).

Ref.	Data	Data	Element Summary		
Des.	Element	Name		Att	ributes
PKG01	349	Item Descript	ion Type	X	ID 1/1
		Code indicatin	g the format of a description		
		F	Free-form		
		S	Structured (From Industry Code List)		
		X	Semi-structured (Code and Text)		
PKG02	753	Packaging Ch	aracteristic Code	O	ID 1/5
		Code specifyin being describe	ng the marking, packaging, loading and related	ed cha	aracteristics
		CD	Cleaning or Drying Procedure		
		CT	Cushioning Thickness		
		CUD	Cushioning and Dunnage		
		HM	Hazardous Material		
		IC	Intermediate Container		
		LP	Level Of Preservation		
		OPI	Optional Procedure Indicator		
		PK	Packing		
		PM	Preservation Method		
		PML	Preservation Material		
		SMK	Special Marking		
		UC	Unit Container		
		UCL	Unit Container Level		
		WM	Wrapping Material		
PKG03	559	Agency Quali	fier Code	X	ID 2/2
		Code identifying	ng the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA	A)	
			Responsible for Federal Specification		,
		ZZ	Mutually Defined		
PKG04	754	Packaging De	scription Code	X	AN 1/7
		A code from a	n industry code list which provides specific of	lata al	bout the

	DIZCO	252	marking, packaging or loading and unloading of a pro	oduct	A N. 1 (0.0
	PKG05	352	Description	X	AN 1/80
			A free-form description to clarify the related data eler	nents and t	heir content
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 240

Loop:

Level: Heading Usage: Optional Max Use: 12

Purpose:

To specify the carrier and sequence of routing and provide transit time information

Syntax Notes: 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

If TD502 is present, then TD503 is required.
If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

Semantic Notes: Comments:

When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

			Data Exement Summary		
	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Not Used	TD501	133	Routing Sequence Code	O	ID 1/2
			Code describing the relationship of a carrier to a specific s	shipme	nt movement
	TD502	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure use Code (67)		
			Department of Defense Activity Add (DODAAC)	lress C	ode
	TD503	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	TD504	91	Transportation Method/Type Code	X	ID 1/2
			Code specifying the method or type of transportation for t	he ship	ment
			Refer to 003050 Data Element Dictionary for acceptable of	ode va	lues.
Not Used	TD505	387	Routing	X	AN 1/35
			Free-form description of the routing or requested routing	for ship	oment, or the
			originating carrier's identity		
Not Used	TD506	368	Shipment/Order Status Code	X	ID 2/2
			Code indicating the status of an order or shipment or the c		
			difference between the quantity ordered and the quantity sitem or transaction	hipped	for a line
Not Used	TD507	309	Location Qualifier	O	ID 1/2
Not Oscu	110307	309	Code identifying type of location	U	10 1/2
Not Used	TD508	310	Location Identifier	X	AN 1/30
Tiot escu	10500	310	Code which identifies a specific location	2 %	2111 1/20
Not Used	TD509	731	Transit Direction Code	0	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	Transit Time Direction Qualifier	0	ID 2/2
			Code specifying the value of time used to measure the tran	nsit tim	ie
Not Used	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			Refer to 003050 Data Element Dictionary for acceptable of	ode va	lues.
			,		

840 - Request for Quotation

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

Position: 260

Loop:

Level: Heading Usage: Optional

Max Use:

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

information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.

2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Ref.	Data	·		
Des.	Element	Name	Attı	<u>ributes</u>
TD401	152	Special Handling Code	X	ID 2/3
		Code specifying special transportation handling instructions		
		Refer to 003050 Data Element Dictionary for acceptable co-	de val	lues.
TD402	208	Hazardous Material Code Qualifier	X	ID 1/1
		Code which qualifies the Hazardous Material Class Code (2	09)	
		Refer to 003050 Data Element Dictionary for acceptable co-	de val	lues.
TD403	209	Hazardous Material Class Code	\mathbf{X}	AN 2/4
		Code specifying the kind of hazard for a material		
TD404	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements a	and th	neir content

Segment: MAN Marks and Numbers

Position: 270

Loop:

Level: Heading
Usage: Optional
Max Use: 10

Purpose:

To indicate identifying marks and numbers for shipping containers

1 If either MAN04 or MAN05 is present, then the other is required.

2 If MAN06 is present, then MAN05 is required.

Semantic Notes:

Syntax Notes:

MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.

When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.

When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:

When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shippping Container code is the same on every carton that is represented in the range in MAN05/MAN06.

MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID

numbers, the integrity of the two ID numbers must be maintained.

			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>	Att	<u>ributes</u>
Must Use	MAN01	88	Marks and Numbers Qualifier	M	ID 1/2
			Code specifying the application or source of Marks and Nu	mbers	s (87)
			S Entire Shipment		
Must Use	MAN02	87	Marks and Numbers	\mathbf{M}	AN 1/45
			Marks and numbers used to identify a shipment or parts of	a ship	ment
	MAN03	87	Marks and Numbers	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88	Marks and Numbers Qualifier	X	ID 1/2
			Code specifying the application or source of Marks and Nu	mbers	s (87)
			S Entire Shipment		
	MAN05	87	Marks and Numbers	X	AN 1/45
			Marks and numbers used to identify a shipment or parts of	a ship	ment
	MAN06	87	Marks and Numbers	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of	a ship	ment

Segment: RRA Required Response

Position: 280

Loop:

Level: Heading Usage: Optional Max Use: 100

Purpose: To

To indicate information that is required to be included in the response

Syntax Notes:

Semantic Notes:

1 Use RRA02 only to specify applicable regulatory or contractual clause.

Comments:

Must Use	Ref. <u>Des.</u> RRA01	Data <u>Element</u> 701	Name Information Type Code specifying the	e information required in the response	<u>Attı</u> M	ributes ID 2/2
			14	As Indicated by the Cited Reference		
	RRA02	127	Reference Numbe	r	O	AN 1/30
				or identification number as defined for a as specified by the Reference Number C	-	

Segment: N9 Reference Number

Position: 290
Loop: N9
Level: Heading
Usage: Optional
Max Use: 1

Purpose: To transmit identifying numbers and descriptive information as specified by the reference

number qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

Comments:

	Ref.	Data	Nama		Attwibutes
Must Use	<u>Des.</u> N901	Element 128	Name Reference Number	Qualifier	Attributes M ID 2/2
Widst Osc	11701	120	Code qualifying the		141 110 212
			5N	Citation of Statute	
			73	Statement of Work (SOW)	
			AU	Description of a product or service to be a contract; statement of requirements Authorization to Meet Competition No.	•
			BB	Authorization Number	
				Proves that permission was obtained to service	provide a
			CJ	Clause Number	
			DF	Defense Federal Acquisition Regulation	ons (DFAR)
			DX	Department/Agency Number	
			EC	Circular	
			FA	Federal Acquisition Regulations (FAR)
			GS	General Services Administration Regu	lations (GSAR)
			K7	Paragraph Number	
			KD	Special Instructions Number	
			KT	Request for Quotation Reference	
			KY	A discrete number assigned for identifit to a request for quotation Site Specific Procedures, Terms, and C	
			KZ	A set of procedures, terms, and conditi a category of procurement emanating f location, which will be incorporated in procurement actions in that category by unique number rather than by incorpor details it represents Master Solicitation Procedures, Terms,	from a specific to all y referencing its ating the lengthy
				A set of standard procedures, terms, an applicable to a category of procurement incorporated into all procurement action category by referencing its unique numby incorporating the lengthy details it references.	nt, which will be ons in that ober rather than represents
			VB	Department of Veterans Affairs Acquis Regulations (VAAR)	sition
			ZZ	Mutually Defined	

	N902	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for Transaction Set, or as specified by the Reference Number		
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
	N904	373	Date	O	DT 6/6
			Date (YYMMDD)		
Not Used	N905	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHM		
			HHMMSSD, or HHMMSSDD, where $H = hours$ (00-23)		
			59), $S = integer seconds (00-59) and DD = decimal seconds (00-59$		
			are expressed as follows: $D = tenths (0-9)$ and $DD = hur$	ıdredths	(00-99)
Not Used	N906	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with Internatio	nal Stan	dards
			Organization standard 8601, time can be specified by a	+ or - and	d an indication
			in hours in relation to Universal Time Coordinate (UTC) time; si	ince + is a
			restricted character, + and - are substituted by P and M i	n the coo	des that follow

Segment: MSG Message Text

Position: 300 Loop: N9

Level: Heading Usage: Optional Max Use: 1000

Purpose:

To provide a free form format that would allow the transmission of text information.

Syntax Notes: Semantic Notes:

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

	Ref.	Data	,		
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M	AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the rece	O eiving	ID 2/2 printer

N1 Name Segment: 310 Position: Loop: N1Level: Heading Usage: Optional 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.

			Data Elen	nent Summary	
	Ref. Des.	Data Element	Name		<u>Attributes</u>
Must Use	N101	98	Entity Identifier (Code	M ID 2/2
1.1451 050	11101	, ,		n organizational entity, a physical location	
			31	Postal Mailing Address	
			44	Data Processing Service Bureau	
			7G	Hazardous Material Office	
			7M	Inspection and Acceptance Location	
			7N	Party to Receive Proposal	
			BY	Buying Party (Purchaser)	
			CY	Country	
			DZ	Delivery Zone	
				Area where the product was delivered	
			EL	Established Location	
			IC	Intermediate Consignee	
			IS	Party to Receive Certified Inspection l	Report
			KF	Audit Office	
				The office performing the audit	
			KG	Project Manager	
				The address of the person responsible	for the
			KW	management of a designated project Bid Opening Location	
			KX	Free on Board Point	
			KY	Technical Office	
			KZ	Acceptance Location	
			L1	Inspection Location	
			2.	Place where the item was viewed or in	snected
			MU	Meeting Location	
			PW	Pick Up Address	
			R6	Requester	
			ST	Ship To	
			SV	Service Performance Site	
				When services are contracted for, this organization for whom or location add	

those services will be performed

			TQ	Third Party Reviewing Organization (ГРО)	1		
			TS	Party to Receive Certified Test Results				
			X2	Party to Perform Packaging				
				,	nsible for packaging an item after it has			
			XP	Party to Receive Solicitation				
			Z7	Mark-for Party				
				The party for whom the needed materi	al is	intended		
	N102	93	Name		X	AN 1/35		
			Free-form name					
	N103	66	Identification Cod	e Qualifier	X	ID 1/2		
			Code designating the Code (67)	ne system/method of code structure used	for I	dentification		
			1	D-U-N-S Number, Dun & Bradstreet				
			9	D-U-N-S+4, D-U-N-S Number with F Suffix	-S Number with Four Character			
			10	Department of Defense Activity Addre (DODAAC)	ess C	ode		
			16	ZIP Code				
			33	Commercial and Government Entity (CAG	E)		
			A2	Military Assistance Program Address	Code	(MAPAC)		
					Contained in the Military Assistance Program Addr Directory (MAPAD); represents the location of an			
			ZN	Zone				
	N104	67	Identification Cod	e	X	AN 2/20		
			Code identifying a	party or other code				
Not Used	N105	706	Entity Relationshi Code describing en	•	O	ID 2/2		
Not Used	N106	98	Entity Identifier C Code identifying ar	C ode n organizational entity, a physical locatio	O n, or	ID 2/2 an individual		

N2 Additional Name Information Segment:

320 Position: Loop: N1 Heading Optional Level:

Usage:

Max Use:

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

Syntax Notes: Semantic Notes:

Comments:

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

Segment: N3 Address Information

Position: 330
Loop: N1
Level: Heading
Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes: Semantic Notes: Comments:

	Ref. Des.	Data Element	Name	Att	<u>ributes</u>
Must Use		166	Address Information Address information	M	AN 1/35
	N302	166	Address Information	O	AN 1/35
			Address information		

Segment: N4 Geographic Location

Position: 340
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1

Niax Use: > Purpose: T

To specify the geographic place of the named party 1 If N406 is present, then N405 is required.

Syntax Notes: Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to

specify a location.

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

Ref.	Data		•		
Des.	Element	<u>Name</u>		Att	ributes
N401	19	City Name		0	AN 2/30
		Free-form text for	city name	•	
N402	156	State or Province	e Code	O	ID 2/2
		Code (Standard St	tate/Province) as defined by appropriate g	overr	nment agency
N403	116	Postal Code		O	ID 3/11
		Code defining into (zip code for Unit	ernational postal zone code excluding pur	etuat	ion and blanks
N404	26	Country Code	ed States)	0	ID 2/3
		Code identifying t	the country		
N405	309	Location Qualific	er	X	ID 1/2
		Code identifying t	type of location		
		AR	Armed Services Location Designation	ı	
		DE	Destination (Shipping)		
		OR	Origin (Shipping Point)		
		ZZ	Mutually Defined		
N406	310	Location Identifi	er	O	AN 1/30
		Code which ident	ifies a specific location		

PER Administrative Communications Contact Segment:

360 Position: Loop: N1Level: Heading Usage: Optional >1

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. 3

Semantic Notes: Comments:

			Data Elem	ent Summary		
Must Use	Ref. <u>Des.</u> PER01	Data Element 366	Name Contact Function Code identifying the	Code le major duty or responsibility of the per	M	ributes ID 2/2
			AT	Material Safety Data Sheet Contact	3011 01	group named
			AV	Advisor		
			BD	Buyer Name or Department		
			HM	Hazardous Material Contact		
			IC	Information Contact		
			PC	Purchasing Contracting Officer (PCO)	
				Person to whom a warrant has been is that person to obligate funds on behal government	sued a	
			PP	Program Manager		
	PER02	93	Name		O	AN 1/35
			Free-form name			
	PER03	365	Communication N	_	X	ID 2/2
				e type of communication number		
			AU	Defense Switched Network		
				Department of Defense telecommunic successor of the Automatic Voice Net (AUTOVON)		s system and
			EM	Electronic Mail		
			FX	Facsimile		
			IT	International Telephone		
	DED04	264	TE Communication N	Telephone	v	A NI 1/00
	PER04	364	Communication N		X	AN 1/80
			applicable	ications number including country or are	za cod	ie wnen
	PER05	365	Communication N	umber Qualifier	X	ID 2/2
				e type of communication number		
			AU	Defense Switched Network		
			EM	Department of Defense telecommunic successor of the Automatic Voice Net (AUTOVON) Electronic Mail		system and
			EX	Telephone Extension		
			FX	Facsimile		
			1 /1	1 acsimile		

		IT	International Telephone		
		TE	Telephone		
PER06	364	Communication N	umber	X	AN 1/80
		Complete communi	ications number including country or are	a cod	le when
PER07	365	Communication N	umber Qualifier	X	ID 2/2
		Code identifying th	e type of communication number		
		AU	Defense Switched Network		
		EM	Department of Defense telecommunical successor of the Automatic Voice Net (AUTOVON) Electronic Mail		system and
		EX	Telephone Extension		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER08	364	Communication N	umber	\mathbf{X}	AN 1/80
		Complete communi applicable	cations number including country or are	a cod	e when
PER09	443	Contact Inquiry R	eference	O	AN 1/20
		Additional reference	e number or description to clarify a cont	act nı	ımber

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 390
Loop: N1
Level: Heading
Usage: Optional

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Notes: 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

If TD502 is present, then TD503 is required.
If TD507 is present, then TD508 is required.
If TD510 is present, then TD511 is required.

Semantic Notes:

Comments: 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party

responsible for defining the routing sequence, and use TD503 to identify the actual

routing sequence, specified by the party identified in TD502.

			Date Delivery		
	Ref.	Data			
	Des.	<u>Element</u>	Name		ributes
Not Used	TD501	133	Routing Sequence Code	O	ID 1/2
			Code describing the relationship of a carrier to a specific sl	-	
	TD502	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used Code (67)		
			Department of Defense Activity Addr (DODAAC)	ess C	ode
	TD503	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	TD504	91	Transportation Method/Type Code	X	ID 1/2
			Code specifying the method or type of transportation for the	e shir	ment
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	ilues.
Not Used	TD505	387	Routing	X	AN 1/35
			Free-form description of the routing or requested routing for	or ship	
			originating carrier's identity		
Not Used	TD506	368	Shipment/Order Status Code	X	ID 2/2
			Code indicating the status of an order or shipment or the di		
			difference between the quantity ordered and the quantity sl	ipped	l for a line
NI-4 III I	TD 505	200	item or transaction	0	ID 1/2
Not Used	TD507	309	Location Qualifier Code identifying type of location	O	ID 1/2
Not Used	TD508	310	Location Identifier	X	AN 1/30
Not Useu	11)500	310	Code which identifies a specific location	A.	AN 1/30
Not Used	TD509	731	Transit Direction Code	0	ID 2/2
Not osed	110309	731	The point of origin and point of direction	0	11) 2/2
Not Used	TD510	732	Transit Time Direction Qualifier	0	ID 2/2
Not escu	10510	132	Code specifying the value of time used to measure the tran	-	
Not Used	TD511	733	Transit Time	X	R 1/4
1101 0004	10011	,,,,	The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			Refer to 003050 Data Element Dictionary for acceptable co	ode vr	duec
			Refer to 003030 Data Element Dictionary for acceptable co	Jue va	nues.

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

Position: 410
Loop: N1
Level: Heading
Usage: Optional
Max Use: 5

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

information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.

2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

		Data Brement Summary		
Ref.	Data			
Des.	Element	Name	Attr	ributes
TD401	152	Special Handling Code	X	ID 2/3
		Code specifying special transportation handling instructions	;	
		Refer to 003050 Data Element Dictionary for acceptable co	de val	lues.
TD402	208	Hazardous Material Code Qualifier	X	ID 1/1
		Code which qualifies the Hazardous Material Class Code (2	09)	
		Refer to 003050 Data Element Dictionary for acceptable co	de val	lues.
TD403	209	Hazardous Material Class Code	X	AN 2/4
		Code specifying the kind of hazard for a material		
TD404	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements	and th	eir content

PKG Marking, Packaging, Loading Segment:

Position: 420 Loop: N1 Heading Level: Usage: Optional Max Use: 200

Purpose: **Syntax Notes:** To describe marking, packaging, loading, and unloading requirements

At least one of PKG04 PKG05 or PKG06 is required.

2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required.

Semantic Notes: Comments: PKG04 should be used for industry-specific packaging description codes. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights,

counts, physical restrictions, etc. If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If 2 PKG01 = "X", then both PKG04 and PKG05 are used.

Use PKG03 to indicate the organization that publishes the code list being referred to.

Special marking or tagging data can be given in PKG05 (description).

		Data I	Element Summary		
Ref. Des.	Data Element	Name	Sam Tama	Att X	ributes
PKG01	349	Item Description	* -	Λ	ID 1/1
		,	g the format of a description		
		F	Free-form		
		S	Structured (From Industry Code List)		
DECO	222	X	Semi-structured (Code and Text)		ID 1/5
PKG02	753		aracteristic Code	0	ID 1/5
		being described	g the marking, packaging, loading and related	ed cha	iracteristics
		CD	Cleaning or Drying Procedure		
		CT	Cushioning Thickness		
		CUD	Cushioning and Dunnage		
		HM	Hazardous Material		
		IC	Intermediate Container		
		LP	Level Of Preservation		
		OPI	Optional Procedure Indicator		
		PK	Packing		
		PM	Preservation Method		
		PML	Preservation Material		
		SMK	Special Marking		
		UC	Unit Container		
		UCL	Unit Container Level		
		WM	Wrapping Material		
PKG03	559	Agency Qualif	ier Code	X	ID 2/2
		Code identifyir	ng the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA	1)	
			Responsible for Federal Specification		
		ZZ	Mutually Defined		
PKG04	754	Packaging Des	scription Code	\mathbf{X}	AN 1/7
		A code from ar	n industry code list which provides specific d	ata al	bout the

	PKG05	352	marking, packaging or loading and unloading of a pro Description	oduct X	AN 1/80
			A free-form description to clarify the related data elec-	ments and t	heir content
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		

Segment: SPI Specification Identifier

Position: 440 Loop: SPI Level: Heading

Usage: Optional Max Use: 1

Comments:

Purpose: To provide a description of the included specification or technical data items

Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.

Semantic Notes:

			Data Elen	nent Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>	-		ributes
Must Use	SPI01	786	Security Level Co		M	ID 2/2
			information follow	e level of confidentiality assigned by	tne sende	er to the
			92	Government Confidential		
			93	Government Secret		
			94	Government Top Secret		
	SPI02	128	Reference Numbe	^	X	ID 2/2
	01101	120		e Reference Number.		10 2.2
			3X	Subcontract Number		
			CT	Contract Number		
			KS	Solicitation		
			RS	A discreet number assigned by the	nurchasi	ng activity
				to differentiate between different so		
	SPI03	127	Reference Numbe		X	AN 1/30
			Reference number	or identification number as defined for	or a parti	cular
				as specified by the Reference Number	er Qualif	
Not Used	SPI04	790	Entity Title		0	AN 1/132
	CDIA	=0.4	Title of the data en	tity		. 77 4 (0.0
Not Used	SPI05	791	Entity Purpose	existence of the data item specified by	O u tha ala	AN 1/80
				f its presence in an EDI transaction	y tile elec	ctronne data
Not Used	SPI06	792	Entity Status Cod		O	ID 1/1
				e current status of the data item specif	ied by th	ne electronic
	~		data item			
	SPI07	353	Transaction Set P	•	O	ID 2/2
				urpose of transaction set		
			00	Original		
			04	Change		
			20	Final Transmission		
	SPI08	755	Report Type Code		O	ID 2/2
				e title or contents of a document, repo	•	
			SF	Contract Security Classification Sp		
	SPI09	786	Security Level Co			ID 2/2
			Code indicating the information follow	e level of confidentiality assigned by t	the sende	er to the
			92	Government Confidential		
			93	Government Secret		
			94	Government Top Secret		
				-		

Not Used	SPI10	559	Agency Qualifier Code Code identifying the agency assigning the code values	O	ID 2/2
Not Used	SPI11	822	Source Subqualifier A reference that indicates the table or text maintained by the	O Sou	AN 1/15 rce Qualifier
Not Used	SPI12	554	Assigned Number Number assigned for differentiation within a transaction set	О	N0 1/6
Not Used	SPI13	1322	Certification Type Code Code indicating the type of certification	O	ID 1/1
Not Used	SPI14	1401	Proposal Data Detail Identifier Code Code identifying the basis of a cited value in a proposal	O	ID 1/3

Segment: **REF** Reference Numbers

Position: 450
Loop: SPI
Level: Heading
Usage: Optional
Max Use: 5

Purpose: To specify identifying numbers.

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

Comments:

	Ref.	Data				
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	REF01	128	Reference Number	· Qualifier	\mathbf{M}	ID 2/2
			Code qualifying the	Reference Number.		
			3X	Subcontract Number		
			CT	Contract Number		
			KS	Solicitation		
				A discreet number assigned by the put to differentiate between different solid		0
			YB	Revision Number		
	REF02	127	Reference Number		X	AN 1/30
				or identification number as defined for a as specified by the Reference Number (
Not Used	REF03	352	Description		X	AN 1/80
			A free-form descrip	tion to clarify the related data elements	and tl	heir content

Segment: DTM Date/Time Reference

Position: 460
Loop: SPI
Level: Heading
Usage: Optional
Max Use: 5

Max Use: 5 Purpose: 7

To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.

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

Semantic Notes: Comments:

			Data Elem	ent Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			<u>ributes</u>
Must Use	DTM01	374	Date/Time Qualifi		\mathbf{M}	ID 3/3
			Code specifying typ	pe of date or time, or both date and time		
			036	Expiration		
				Date coverage expires		
			106	Required By		
			165	Final Issue		
			171	Revision		
			334	Re-evaluation Date		
				The date on which the student's placen education or other programs will be re-		*
			703	Original Transaction		
	DTM02	373	Date		X	DT 6/6
			Date (YYMMDD)			
Not Used	DTM03	337	Time		\mathbf{X}	TM 4/8
			HHMMSSD, or HF 59), S = integer sec are expressed as fol	24-hour clock time as follows: HHMM, of HMMSSDD, where $H = hours$ (00-23), $N = hours$ (00-59) and $N = hours$ (00-b) and $N = hours$ (00-b) and $N = hours$ (00-b) and $N = hours$	f = m; deci	ninutes (00- imal seconds (00-99)
Not Used	DTM04	623	Time Code		0	ID 2/2
			, ,	e time. In accordance with International		
				ard 8601, time can be specified by a + or		
				to Universal Time Coordinate (UTC) tin , + and - are substituted by P and M in th		
	DTM05	624	Century	and - are substituted by I and William	0	N0 2/2
	2 11.100	V	•	eters in the designation of the year (CCY	-	
Not Used	DTM06	1250	Date Time Period		X	ID 2/3
or oscu	2111100	1200		date format, time format, or date and time		
Not Used	DTM07	1251	Date Time Period		X	AN 1/35
			Expression of a date	e, a time, or range of dates, times or date	s and	

MSG Message Text Segment:

470 Position: SPI Loop: Level: Heading Optional Usage:

Max Use: 50

Purpose:

To provide a free form format that would allow the transmission of text information. Syntax Notes:

Semantic Notes: Comments:

1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

	Ref.	Data			
	Des.	Element	<u>Name</u>	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	O	ID 2/2
			A field to be used for the control of the line feed of the rece	eiving	printer

Segment: N1 Name

Position: 490
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1

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

Syntax Notes: 1 At least one of N102 or N103 is required.

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

Semantic Notes: Comments:

1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

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

	D. C	D	Data Eleme	ent Summary		
Must Use	Ref. <u>Des.</u> N101	Data Element 98	Name Entity Identifier Code identifying an	ode organizational entity, a physical locatio		ID 2/2
			28	Subcontractor	,, or ar	i marriadar
			61	Performed At		
				The facility where work was performe	d	
			B2	Other Unlisted Type of Organizational		
			C4	An organization, e.g., a business, the d which cannot be accomplished using the list and for which the trading partners agreed to a definition for it Contract Administration Office	lescript he exist	ion of ting code
			77.1	Established at either a contractor facili geographic area, and responsible for a behalf of the buying activities that assi for administration and all contracts aw the specific contractor or all contractor geographic area	dminist igned co arded t	ering on ontracts o either
			K1	Contractor Cognizant Security Office		
			K2	Subcontractor Cognizant Security Offi		tori
			K3	Place of Performance Cognizant Secur	•	
			K4	Party Authorizing Release of Security		
			K5 KG	Party To Receive Contract Security Cl Specification Project Manager	assiiica	ition
			NU	The address of the person responsible management of a designated project	for the	
			KI	United States Overseas Security Admi	nistrati	on Office
			OI	Outside Inspection Agency		
			PG	Prime Contractor		
			PV	Party performing certification		
I	N102	93	Name Free-form name		X	AN 1/35
7	N103	66	Identification Code	Oualifier	X	ID 1/2
A	- / -			e system/method of code structure used		

Code (67)

			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with I	our (Character
				Suffix	~	
			10	Department of Defense Activity Addr (DODAAC)	ess C	ode
			33	Commercial and Government Entity (CAG	E)
	N104	67	Identification Code	e	X	AN 2/20
			Code identifying a p	party or other code		
Not Used	N105	706	Entity Relationship	p Code	O	ID 2/2
			Code describing ent	tity relationship		
Not Used	N106	98	Entity Identifier C		0	ID 2/2
			Code identifying an	organizational entity, a physical location	on, or	an individual

Segment: N2 Additional Name Information

Position: 500 Loop: N1 Level: Heading Usage: Optional

Max Use: 2

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

Purpose: Syntax Notes: Semantic Notes: Comments:

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

Segment: N3 Address Information

Position: 510 Loop: N1

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Purpose: Syntax Notes: Semantic Notes: Comments:

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

Segment: N4 Geographic Location

Position: 520
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1

Purpose:
Syntax Notes:

To specify the geographic place of the named party 1 If N406 is present, then N405 is required.

Semantic Notes: Comments:

1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

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

		Data Diement Summary		
Ref.	Data			
Des.	Element	<u>Name</u>	Att	<u>ributes</u>
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate g	overn	ment agency
N403	116	Postal Code	O	ID 3/11
		Code defining international postal zone code excluding pun (zip code for United States)	ctuati	ion and blanks
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
N405	309	Location Qualifier	\mathbf{X}	ID 1/2
		Code identifying type of location		
		AR Armed Services Location Designation		
N406	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

G61 Contact Segment:

Position: 540 Loop: N1 Level: Heading Usage: Optional

Max Use:

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

Syntax Notes: If either G6103 or G6104 is present, then the other is required.

Semantic Notes:

Comments: G6103 qualifies G6104.

		_	Data Dien	ient Summar y		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		Att	<u>ributes</u>
Must Use	G6101	366	Contact Function	Code	\mathbf{M}	ID 2/2
			Code identifying th	ne major duty or responsibility of the per-	son o	r group named
			CE	Certifier		
			IC	Information Contact		
			PP	Program Manager		
Must Use	G6102	93	Name		M	AN 1/35
			Free-form name			
	G6103	365	Communication N	lumber Qualifier	X	ID 2/2
			Code identifying th	ne type of communication number		
			AU	Defense Switched Network		
				Department of Defense telecommunic successor of the Automatic Voice Net (AUTOVON)		s system and
			EM	Electronic Mail		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	G6104	364	Communication N	lumber	X	AN 1/80
			Complete commun applicable	ications number including country or are	ea cod	e when
	G6105	443	Contact Inquiry R	Reference	O	AN 1/20
			Additional reference	e number or description to clarify a cont	act n	ımber

Segment: MSG Message Text

Position: 550
Loop: N1
Level: Heading
Usage: Optional
Max Use: 50

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes: Semantic Notes:

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of

page, advance a line, etc.

	Ref.	Data	·		
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M	AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the rece	O eiving	ID 2/2 printer

Segment: CB1 Contract and Cost Accounting Standards Data

Position: 560
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 1

Purpose: To specify contract and cost accounting standards data **Syntax Notes:**

Semantic Notes: Comments:

	Ref.	Data	Data Elen	nent Summary			
	Des.	Element	Name		Affi	ributes	
Must Use	CB101	1309	Acquisition Data	Code	M	ID 2/2	
			Code identifying a				
			18	Access to Communications Security In Required	nform	ation	
			19	Access to Communication Security In Required	forma	tion Not	
			20	Access to Restricted Data Required			
			21	Access to Restricted Data Not Require	ed		
			22	Access to Critical Nuclear Weapon De Required	esign l	Information	
			23	-	al Nuclear Weapon Design Information		
			24	Access to Formerly Restricted Data Re	equire	ed	
			25	Access to Formerly Restricted Data N	ot Red	quired	
			26	Access to Sensitive Compartmented Information Required			
			27	Access to Sensitive Compartmented In Required	ıform	ation Not	
			28	Access to Non-sensitive Compartment Required	ed In	formation	
			29	Access to Non-sensitive Compartment Not Required	ed In	formation	
			30	Access to Special Access Information	Requ	ired	
			31	Access to Special Access Information	Not R	Required	
			32	Access to North Atlantic Treaty Organ Information Required	izatio	on	
			33	Access to North Atlantic Treaty Organ Information Not Required	nizatio	on	
			34	Access to Foreign Government Inform	ation	Required	
			35	Access to Foreign Government Inform Required	ation	Not	
			36	Access to Limited Dissemination Info	rmatio	on Required	
			37	Access to Limited Dissemination Information 1 Required			
			38	Access to For Official Use Only Inform	natio	n Required	
			39	Access to For Official Use Only Information Required	natio	n Not	
			40	Access to Other Type of Information F	Requii	red	
			41	Access to Other Type of Information N	Not Re	equired	
			42	Contractor Will Have Access to United	d State	es	

	Classified Information at another Contractor's Facility
	or a Government Activity
43	Contractor Will Not Have Access to United States
	Classified Information at another Contractor's Facility
	or a Government Activity
44	Contractor Will Receive Classified Documents Only
45	Contractor Will Not Receive Classified Documents
	Only
46	Contractor Will Receive or Generate Classified Material
47	Contractor Will Not Receive or Generate Classified
	Material
48	Contractor Will Fabricate, Modify, or Store Classified
	Hardware
49	Contractor Will Not Fabricate, Modify, or Store
	Classified Hardware
50	Contractor Will Perform Services Only
51	Contractor Will Not Perform Services Only
52	Contractor Will Have Access to United States
	Classified Information outside the United States, Puerto
	Rico, United States Possessions and Trust Territories
53	Contractor Will Not Have Access to United States
	Classified Information outside the United States, Puerto
	Rico, United States Possessions and Trust Territories
54	Contractor Will Be Authorized to use the Services of
	Defense Technical Information Center or other
	Secondary Distribution Center
55	Contractor Will Not Be Authorized to use the Services
	of Defense Technical Information Center or other
5.0	Secondary Distribution Center
56	Contractor Will Require a Communications Security
57	Account Contractor Will Not Require a Communications
37	Security Account
58	Contractor Will Have Tempest Requirements
59	Contractor Will Not Have Tempest Requirements
	• • • • • • • • • • • • • • • • • • • •
60	Contractor Will Have Operations Security
<i>C</i> 1	Requirements
61	Contractor Will Not Have Operations Security
62	Requirements Contractor Will Be Authorized to use the Defense
02	Courier Service
63	Contractor Will Not Be Authorized to use the Defense
0.5	Courier Service
64	Contractor Will Have some other Authorization in the
01	Performance of the Contract
65	Contractor Will Not Have some other Authorization in
	the Performance of the Contract
66	Facility Clearance Required
67	Facility Clearance Not Required
68	Follow-on Contract
69	Not a Follow-on Contract
70	Final Contract Security Classification Specification
71	Not a Final Contract Security Classification
	Specification
72	Direct Public Release Authorized
73	Direct Public Release Not Authorized

			74	Additional Materials being Forwarded
			75	No Additional Materials being Forwarded
			76	Additional Requirements Established
			77	Additional Requirements Not Established
			78	Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
			79	No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security Office
			80	Contractor Distribution Required
			81	Contractor Distribution Not Required
			82	Subcontractor Distribution Required
			83	Subcontractor Distribution Not Required
			84	Cognizant Security Office for Prime and Subcontractor Distribution Required
			85	Cognizant Security Office for Prime and Subcontractor Distribution Not Required
			86	United States Activity Responsible for Overseas Security Administration Distribution Required
			87	United States Activity Responsible for Overseas Security Administration Distribution Not Required
			88	Administrative Contracting Office Distribution Required
			89	Administrative Contracting Office Distribution Not Required
			90	Other Distribution Required
			91	Other Distribution Not Required
Not Used	CB102	1310	Financing Type Co Code identifying the pricing proposal	ode O ID 1/1 e type of contract financing required by the submitter of a

003050F840_1

REF Reference Numbers Segment:

570 Position: Loop: CB1 Heading Level: Optional Usage: Max Use: 20

Purpose:

To specify identifying numbers. At least one of REF02 or REF03 is required. Syntax Notes:

Semantic Notes:

Comments:

	Ref.	Data		•		
	Des.	Element	<u>Name</u>		Att	ributes
Must Use	REF01	128	Reference Number	Qualifier	\mathbf{M}	ID 2/2
			Code qualifying the	Reference Number.		
			43	Supporting Document Number		
				Supports or clarifies information and in a document	values	represented
			KL	Contract Reference		
			KT	Request for Quotation Reference		
			KU	A discrete number assigned for identition to a request for quotation Office Symbol	ficatio	n purposes
				A number assigned for reference to a within an organization	specif	ic office
			P1	Previous Contract Number		
	REF02	127	Reference Number		\mathbf{X}	AN 1/30
	DEFE	0.50	Transaction Set, or a	r identification number as defined for a as specified by the Reference Number (Qualifi	ier.
	REF03	352	Description		X	AN 1/80
			A free-form descript	tion to clarify the related data elements	and th	neir content

Segment: DTM Date/Time Reference

Position: 580
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 5

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.

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

Semantic Notes: Comments:

	Ref. Des.	Data Element	Name	Δtt	ributes
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3
Wast Osc	D 11/101	571	Code specifying type of date or time, or both date and time	14.8	XD 5/5
	T-100		1		
	DTM02	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	Time	\mathbf{X}	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM,	or HI	HMMSS, or
			HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$, N	$\Lambda = n$	ninutes (00-
			59), $S = integer seconds (00-59)$ and $DD = decimal seconds$	s; dec	imal seconds
			are expressed as follows: $D = tenths (0-9)$ and $DD = hundred$	dths	(00-99)
Not Used	DTM04	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International		
			Organization standard 8601, time can be specified by a + or		
			in hours in relation to Universal Time Coordinate (UTC) time		
			restricted character, + and - are substituted by P and M in the		
	DTM05	624	Century	O	N0 2/2
			The first two characters in the designation of the year (CCY	(Y)	
Not Used	DTM06	1250	Date Time Period Format Qualifier	\mathbf{X}	ID 2/3
			Code indicating the date format, time format, or date and time	me fo	rmat
Not Used	DTM07	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or date	es and	l times

Segment: LDT Lead Time

Position: 590
Loop: CB1
Level: Heading
Usage: Optional

Max Use:

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

Syntax Notes:

Semantic Notes: 1 LDT04 is the effective date of lead time information.

Comments: 1 LDT02 is the quantity of unit of time periods.

	Ref.	Data		·		
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	LDT01	345	Lead Time Code		\mathbf{M}	ID 2/2
			Code indicating the	time range		
			BA	From Date of Award to Expiration Da Authorization	te of	
Must Use	LDT02	380	Quantity		\mathbf{M}	R 1/15
			Numeric value of qu	uantity		
Must Use	LDT03	344	Unit of Time Perio	d or Interval	\mathbf{M}	ID 2/2
			Code indicating the	time period or interval		
			CY	Calendar Year		
			DA	Calendar Days		
			MO	Month		
			WK	Weeks		
Not Used	LDT04	373	Date		O	DT 6/6
			Date (YYMMDD)			

Segment: MSG Message Text

Position: 600
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 50

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes: Semantic Notes: Comments:

1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

	Ref.	Data	·			
	Des.	Element	Name	Att	<u>ributes</u>	
Must Use	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264	
			Free-form message text			
Not Used	MSG02	934	Printer Carriage Control Code	O	ID 2/2	
			A field to be used for the control of the line feed of the receiving printer			

Seg	gm ent:	PO ₁	Baseline Item Data	
-		0.1.0		

Position: 010 PO1 Loop: Level: Detail Usage: Mandatory

Max Use:

Purpose: Syntax Notes: To specify basic and most frequently used line item data

If PO103 is present, then PO102 is required.

- If PO105 is present, then PO104 is required. 3 If either PO106 or PO107 is present, then the other is required.
- If either PO108 or PO109 is present, then the other is required.
- If either PO110 or PO111 is present, then the other is required. 5
- If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- If either PO116 or PO117 is present, then the other is required.
- If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:

- 1 See the Data Dictionary for a complete list of ID's.
- PO101 is the line item identification. 2
- PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Ref.	Data							
Des.	Element	<u>Name</u>		Att	<u>ributes</u>			
PO101	350	Assigned Identific	cation	O	AN 1/11			
		Alphanumeric char	racters assigned for differentiation within	a tra	nsaction set			
PO102	330	Quantity Ordered	i	X	R 1/9			
		Quantity ordered						
PO103	355	Unit or Basis for I	Measurement Code	O	ID 2/2			
		which a measurem	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken the sefer to 003050 Data Element Dictionary for acceptable code values.					
PO104	212	Unit Price		X	R 1/17			
		Price per unit of pr	oduct, service, commodity, etc.					
PO105	639	Basis of Unit Pric	e Code	O	ID 2/2			
		Code identifying th	ne type of unit price for an item					
		CA	Catalog					
		ES	Estimated					
		FB	Fabrication Cost					
		KA	Price with Government Furnished Prop	perty				
		NC	No Charge					
		NE	Not to Exceed					
		NS	Not Separately Priced					
		PQ	Posted					
		TB	To be negotiated.					
PO106	235	Product/Service I	D Qualifier	X	ID 2/2			
		Code identifying th	ne type/source of the descriptive number	used	in			

		Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.
PO107	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234)		
DO100	224	Refer to 003050 Data Element Dictionary for acceptable co		
PO119	234	Product/Service ID	X	AN 1/40
	225	Identifying number for a product or service		TD 4/4
PO110	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable co		
PO111	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO112	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable co		
PO113	234	Product/Service ID	X	AN 1/40
10115	201	Identifying number for a product or service	2 %	7111 17 10
PO114	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable co	used	in
PO115	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		122 . 27 . 0
PO116	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable co		
PO117	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO118	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable co		
PO119	234	Product/Service ID	\mathbf{X}	AN 1/40
		Identifying number for a product or service		
PO120	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable co		
PO121	234	Product/Service ID	\mathbf{X}	AN 1/40
		Identifying number for a product or service		
PO122	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable co		
PO123	234	Product/Service ID	X	AN 1/40

		Identifying number for a product or service		
PO124	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable		
PO125	234	Product/Service ID Identifying number for a product or service	X	AN 1/40

CN1 Contract Information Segment:

025 Position: PO1 Loop: Level: Detail Usage: Optional Max Use:

Purpose:

To specify basic data about the contract or contract line item

Syntax Notes:

Semantic Notes: CN102 is the contract amount.

- 2 CN103 is the allowance or charge percent.
- 3 CN104 is the contract code.
- CN106 is an additional identifying number for the contract.

Comments:

			Data Eleme	ent Summary			
Must Use	Ref. Des. CN101	Data Element 1166	Name Contract Type Cod Code identifying a c	le	<u>Attri</u> M		<u>tes</u> 2/2
			CA	Cost Plus Incentive Fee (With Performa	nce I	nce	entives)
			СВ	Cost Plus Incentive Fee (Without Perfor Incentives)			
			СН	Cost Sharing			
			CS	Cost			
			CW	Cost Plus Award Fee			
			CX	Cost Plus Fixed Fee			
			FB	Fixed Price Incentive Firm Target (With Incentive)	Perf	orr	mance
			FC	Fixed Price Incentive Firm Target (With Performance Incentive)	out		
			FD	Fixed Price Redetermination			
			FF	Fixed Price Incentive Successive Target (With Performance Incentive)			
			FG	Fixed Price Incentive Successive Target Performance Incentive)	(Wit	ho	ut
			FH	Fixed Price Award Fee			
			FJ	Fixed Price Level of Effort			
			FK	No Cost			
			FR	Firm Fixed Price			
			FX	Fixed Price with Economic Price Adjust	ment		
			LH	Labor Hours			
			TM	Time and Materials			
			ZZ	Mutually Defined			
Not Used	CN102	782	Monetary Amount Monetary amount		0	R	1/15
Not Used	CN103	332	Percent Percent expressed as		0	R	1/6
Not Used	CN104	127	Reference Number Reference number or	-	articu	ılar	N 1/30
Not Used	CN105	338	Terms Discount Per Terms discount percent		O	R	1/6 urchaser if

Not Used CN106 799 Version Identifier O AN 1/30
Revision level of a particular format, program, technique or algorithm

Segment: PO3 Additional Item Detail

Position: 030
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25

Purpose: To specify additional item-related data involving variations in normal price/quantity

structure

Syntax Notes: Semantic Notes: Comments: 1 If PO304 is present, then at least one of PO303 or PO305 is required.

Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).

2 PO307 defines the unit of measure for PO306.

	Ref. Des.	Data Element	Name	Att	<u>ributes</u>
Must Use	PO301	371	Change Reason Code Code specifying the reason for price or quantity change AQ Alternate Quantity and Unit of Meason	M	ID 2/2
			EV Estimated Quantity UP Unit Price		
Not Used	PO302	373	Date Date (YYMMDD)	0	DT 6/6
	PO303	236	Price Identifier Code Code identifying pricing specification GOV Government Price	X	ID 3/3
	PO304	212	Unit Price Price per unit of product, service, commodity, etc.	O	R 1/17
Not Used	PO305	639	Basis of Unit Price Code Code identifying the type of unit price for an item	X	ID 2/2
Must Use	PO306	380	Quantity Numeric value of quantity	M	R 1/15
Must Use	PO307	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co		
Not Used	PO308	352	Description A free-form description to clarify the related data elements	O	AN 1/80

Segmen	t: CTP Pricing Information
Positio	n: 040
Loo	p: PO1
Leve	l: Detail
Usag	e: Optional
Max Us	e: >1
Purpos	e: To specify pricing information
Syntax Note	s: 1 If either CTP04 or CTP05 is present, then the other is required.
	2 If CTP06 is present, then CTP07 is required.
	3 If CTP09 is present, then CTP02 is required.
	4 If CTP10 is present, then CTP02 is required.
Semantic Note	s: 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
	2 CTP08 is the rebate amount.
Comment	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.

	Ref.	Data	2 414 23.00			
	Des.	Element	<u>Name</u>		Att	ributes
Not Used	CTP01	687	Class of Trade C		O	ID 2/2
			Code indicating cl			
	CTP02	236	Price Identifier C		X	ID 3/3
				oricing specification		
			ALT	Alternate Price		
			CAT	Catalog Price		
			ICL	Unit Price Through Quantity		
			LAR	Labor Rate		
			MAX	Maximum Order Quantity Price		
			PAP	Protection Level Price		
			PAQ	Price Break Quantity(s)		
			PBQ	Unit Price Beginning Quantity		
			PPA	Packing Level Price		
			PUR	Purchase		
			ZNP	Zone Price		
Not Used	CTP03	212	Unit Price		O	R 1/17
			Price per unit of p	roduct, service, commodity, etc.		
	CTP04	380	Quantity		X	R 1/15
			Numeric value of	quantity		
	CTP05	355	Unit or Basis for	Measurement Code	X	ID 2/2
				ne units in which a value is being express	ed, or	manner in
				nent has been taken		
				Data Element Dictionary for acceptable co		
Not Used	CTP06	648	Price Multiplier	•	О	ID 3/3
D T. 1	CONTRACT	640	•	e type of price multiplier	*7	D 1/10
Not Used	CTP07	649	Multiplier	s a multiplier to obtain a new value	X	R 1/10
Not Used	CTP08	782	Monetary Amou	•	0	R 1/15
1101 0360	C1100	104	Monetary amount	ıı	U	K 1/15
Not Used	CTP09	639	Basis of Unit Price	ee Code	O	ID 2/2
				he type of unit price for an item	Ü	
				*		

CTP10

499

Condition Value

Identifies rate restrictions or provisions

O AN 1/10

MEA Measurements Segment:

Position: 049 PO1 Loop: Level: Detail Optional Usage: Max Use: 40

To specify physical measurements or counts, including dimensions, tolerances, variances, Purpose:

and weights (See Figures Appendix for example of use of C001)

Syntax Notes: At least one of MEA03 MEA05 MEA06 or MEA08 is required.

> If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

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

Data Element Summary						
	Ref. Des.	Data <u>Element</u>	Name	<u>Attr</u>	<u>ibutes</u>	
	MEA01	737	Measurement Reference ID Code	O	ID 2/2	
			Code identifying the broad category to which a measurement	it app	lies	
			Refer to 003050 Data Element Dictionary for acceptable cod	de val	ues.	
	MEA02	738	Measurement Qualifier	O	ID 1/3	
			Code identifying a specific product or process characteristic measurement applies Refer to 003050 Data Element Dictionary for acceptable code			
	MEA03	739	Measurement Value	\mathbf{X}	R 1/20	
			The value of the measurement			
	MEA04	C001	Composite Unit of Measure	\mathbf{X}		
			To identify a composite unit of measure (See Figures Apper of use)	ndix 1	for examples	
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expresse which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable cod			
Not Used	C00102	1018	Exponent	O	R 1/15	
			Power to which a unit is raised			
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10	
	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2	
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.					
Not Used	C00105	1018	Exponent Power to which a unit is raised	0	R 1/15	
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10	
Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2	
			Code specifying the units in which a value is being expresse which a measurement has been taken	d, or	manner in	
Not Used	C00108	1018	Exponent	O	R 1/15	

			Power to which a unit is raised			
Not Used	C00109	649	Multiplier	0	R	1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00110	355	Unit or Basis for Measurement Code	0		2/2
			Code specifying the units in which a value is being expresse	d, or	mai	nner in
Not Used	C00111	1018	which a measurement has been taken	0	D	1/15
Not Used	CUUIII	1010	Exponent Power to which a unit is raised	U	K	1/15
Not Used	C00112	649		0	D	1/10
Not Used	C00112	049	Multiplier Value to be used as a multiplier to obtain a new value	O	K	1/10
NI - 4 TI J	C00112	255	-	0	ID	2/2
Not Used	C00113	355	Unit or Basis for Measurement Code	0		2/2
			Code specifying the units in which a value is being expresse which a measurement has been taken	a, or	mai	mer m
Not Used	C00114	1018	Exponent	0	R	1/15
1101 0304	C00111	1010	Power to which a unit is raised	Ü	•	1/15
Not Used	C00115	649	Multiplier	0	R	1/10
1100 0500	000110	0.7	Value to be used as a multiplier to obtain a new value	J		1,10
	MEA05	740	Range Minimum	\mathbf{X}	R	1/20
			The value specifying the minimum of the measurement rang	je.		
	MEA06	741	Range Maximum	X	R	1/20
			The value specifying the maximum of the measurement rang	ge		
Not Used	MEA07	935	Measurement Significance Code	0	ID	2/2
			Code used to benchmark, qualify or further define a measure	ement	t va	lue
Not Used	MEA08	936	Measurement Attribute Code	X	ID	2/2
			Code used to express an attribute response when a numeric reannot be determined	neasu	iren	nent value
Not Used	MEA09	752	Surface/Layer/Position Code	0	ID	2/2
			Code indicating the product surface, layer or position that is	being	g de	scribed
Not Used	MEA10	1373	Measurement Method or Device	0		2/4
			The method or device used to record the measurement			

PID Product/Item Description Segment:

Position: 050 Loop: PID Level: Detail Usage: Optional

Max Use:

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

If PID04 is present, then PID03 is required. 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.

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

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

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.

If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = Comments: ``X", then both PID04 and PID05 are used.

> Use PID06 when necessary to refer to the product surface or layer being described in the segment.

PID07 specifies the individual code list of the agency specified in PID03.

	D-f	D-4-	Data Element Summary		
	Ref. Des.	Data Element	Name	A ++	<u>ributes</u>
Must Use	PID01	349	Item Description Type	M	ID 1/1
Wiust Use	FIDUI	347		141	10 1/1
			Code indicating the format of a description		
			F Free-form		
			S Structured (From Industry Code List)		
			X Semi-structured (Code and Text)		
	PID02	750	Product/Process Characteristic Code	O	ID 2/3
			Code identifying the general class of a product or process cl	harac	teristic
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.
	PID04	751	Product Description Code	X	AN 1/12
			A code from an industry code list which provides specific d characteristic	ata al	oout a product
	PID05	352	Description .	X	AN 1/80
			A free-form description to clarify the related data elements	and tl	heir content
Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is	bein	g described
Not Used	PID07	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the	e Sou	rce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		

Segment: PWK Paperwork

Position: 070
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25

Purpose: To identify the type and transmission of paperwork or supporting information

Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

Comments: 1 PWK05 and PWK06 may be used to identify the addressee by a code number.

2 PWK07 may be used to indicate special information to be shown on the specified

3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary	
Ref. Data Des. Element Name Must Use PWK01 755 Report Type Code Code indicating the title or contents	Attributes M ID 2/2 of a document, report or supporting item
25 Purchase Plan	
35 Subcontractor	Plan
AE Attachment	
C1 Cost Data Sum	nmary
C5 Certified Cost a	and Price Data
C6 Wage Determin	nation
CP Certificate of C	Compliance (Material Certification)
CX Cost/Schedule	Status Report (C/SSR)
actual, cost var complete, estin complete at spe structure	report showing budget, performance, riance, schedule variance, budget at mate at complete, and variance at ecified levels of the work breakdown
Status report for commitments, a estimated terms	s Status Report (CFSR) or funds appropriation including actual cost, forecast of billings, and ination costs
DW Drawing(s)	D (CDD) F (1
Detailed contra reporting mont breakdown stru	
	nce Report (CPR) Format 2 act status report at specified levels of the
organization br F3 Cost Performan	reakdown structure nce Report (CPR) Format 3
contract over a and ending value.	ine report that summarizes changes to the given reporting period with beginning ues nce Report (CPR) Format 4
requirements for	rce summary report that forecasts labor or the remainder of a contract nce Report (CPR) Format 5
	nary or detail report explaining significant

		IT	cost or schedule variances Certified Inspection and Test Results		
		KA	Contract Data Requirements List (CDRI	r)	
		MR	Material Inspection and Receiving Repo	,	
		MS	Material Safety Data Sheet	111	
		PD	Proof of Delivery		
		PJ	Purchasing Specification		
		1 3	Specifications, generated by a customer,	cai	tting
			acceptance limits on the properties or pe		
			the product being purchased; purchasing		
			may additionally supply instructions for	pac	ckaging,
		D) f	transportation, delivery, and payments		
		PM	Proof of Insurance		
		S9	Representation		
			A statement (report) by a prospective co makes a representation about a specific of		
		SD	Support Data for a Request for Quote	2011	dition
		SN	Shipping Notice		
		SP	Specification		
		TO	Demand Report		
		UA	Union Agreement		
		US	"BUY AMERICA" Certification of Com	apli	ance
PWK02	756	Report Transi	mission Code	O	ID 1/2
		Code defining	timing, transmission method or format by which	ch r	eports are to
		be sent			
		BE	By Mail and Electronically		
		BM	By Mail		
		CF	Courier		
		DA	Data		
		EL	Electronically Only		
		FX	By Fax		
		IA	Electronic Image		
		WS	With Shipment (With Package)		
PWK03	757	Report Copies		0	N0 1/2
			copies of a report that should be sent to the add		
PWK04	98	Entity Identifi		0	ID 2/2
		-	ng an organizational entity, a physical location,	, or	an individual
		44	Data Processing Service Bureau		
		BY	Buying Party (Purchaser)		
		IS	Party to Receive Certified Inspection Re	por	t
		KF	Audit Office		
		W.C	The office performing the audit		
		KG	Project Manager	41.	
		KY	The address of the person responsible for management of a designated project Technical Office	r un	e
PWK05	66			X	ID 1/2
			ng the system/method of code structure used for	or Io	
		Code (67)			
PWK06	67	Identification		X	AN 2/20
		Code identifyir	ng a party or other code		

Not Used

Not Used

	PWK07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elem	ents and th	neir content
	PWK08	C002	Actions Indicated	0	
			Actions to be performed on the piece of paperwork ide	ntified	
Must Use	C00201	704	Paperwork/Report Action Code	M	ID 1/2
			Code specifying how the paperwork or report that is id segment relates to the transaction set or to identify the		
			2 Report to be Filed	action that	13 required
			5 Generate		
			PV Provided		
Not Used	C00202	704	Paperwork/Report Action Code	O	ID 1/2
			Code specifying how the paperwork or report that is id		
			segment relates to the transaction set or to identify the	action that	_
Not Used	C00203	704	Paperwork/Report Action Code	0	ID 1/2
			Code specifying how the paperwork or report that is id		
** . **	COORDA	20. 4	segment relates to the transaction set or to identify the		•
Not Used	C00204	704	Paperwork/Report Action Code	0	ID 1/2
			Code specifying how the paperwork or report that is id		
			segment relates to the transaction set or to identify the	_	•
Not Used	C00205	704	Paperwork/Report Action Code	0	ID 1/2
			Code specifying how the paperwork or report that is id		
			segment relates to the transaction set or to identify the	action that	is required

Segment: PKG Marking, Packaging, Loading

Position: 080
Loop: PO1
Level: Detail
Usage: Optional

Max Use: 200

Purpose: To describe marking, packaging, loading, and unloading requirements

Syntax Notes: 1 At least one of PKG04 PKG05 or PKG06 is required.

es: 1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.

If PKG05 is present, then PKG01 is required.

Semantic Notes:
Comments:

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

Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.

2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used.

3 Use PKG03 to indicate the organization that publishes the code list being referred to.

4 Special marking or tagging data can be given in PKG05 (description).

		Data I	Element Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			<u>ributes</u>
PKG01	349	Item Descript		X	ID 1/1
		Code indicatin	g the format of a description		
		F	Free-form		
		S	Structured (From Industry Code List)		
		X	Semi-structured (Code and Text)		
PKG02	753	Packaging Ch	aracteristic Code	O	ID 1/5
		Code specifyin being describe	ng the marking, packaging, loading and related	ed cha	racteristics
		CD	Cleaning or Drying Procedure		
		CT	Cushioning Thickness		
		CUD	Cushioning and Dunnage		
		HM	Hazardous Material		
		IC	Intermediate Container		
		LP	Level Of Preservation		
		OPI	Optional Procedure Indicator		
		PK	Packing		
		PM	Preservation Method		
		PML	Preservation Material		
		SMK	Special Marking		
		UC	Unit Container		
		UCL	Unit Container Level		
		WM	Wrapping Material		
PKG03	559	Agency Quali	fier Code	\mathbf{X}	ID 2/2
		Code identifying	ng the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA	A)	
			Responsible for Federal Specification		
		ZZ	Mutually Defined		
PKG04	754	Packaging De	scription Code	X	AN 1/7
		A code from a	n industry code list which provides specific of	lata al	bout the

			marking, packaging or loading and unloading of a pro	duct	
	PKG05	352	Description	X	AN 1/80
			A free-form description to clarify the related data eler	nents and t	heir content
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		

Segment: PO4 Item Physical Details

Position: 090
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1

Purpose: Syntax Notes:

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

1 If either PO402 or PO403 is present, then the other is required.

- 2 If PO405 is present, then PO406 is required.
- If either PO406 or PO407 is present, then the other is required.
 If either PO408 or PO409 is present, then the other is required.
- If PO410 is present, then PO413 is required.
 If PO411 is present, then PO413 is required.
 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.
- 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

		Data Elem	ent Summary						
Ref.	Data								
Des.	Element	Name		Att	<u>ributes</u>				
PO401	356	Pack		0	N0 1/6				
		Number of inner pa	ck units per outer pack unit						
PO402	357	Size		X	R 1/8				
		Size of supplier uni	ts in pack						
PO403	355	Unit or Basis for M	•	\mathbf{X}	ID 2/2				
		which a measureme	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.						
PO404	103	Packaging Code		O	AN 3/5				
		Code identifying the Packaging Material INT PAF	Intermediate Container Pallet - 4 Way						
		PAT	A pallet that permits entry of handling each of its four sides Pallet - 2 Way	equip	pment on				
		SRW	A pallet that permits entry of handling opposing two of its four sides Shrink Wrap	equip	oment on				
		UNT	In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage an cause the bag to tighten around the contents Unit						
PO405	187	Weight Qualifier		0	ID 1/2				
		Code defining the ty	ype of weight						
			_						

Refer to 003050 Data Element Dictionary for acceptable code values.

PO406	384	Gross Weight per Pack	X	R 1/9
		Numeric value of gross weight per pack		
PO407	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being express which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co		
PO408	385	Gross Volume per Pack	X	R 1/9
_ 0		Numeric value of gross volume per pack		
PO409	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being express which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co		
PO410	82	Length	X	R 1/8
		Largest horizontal dimension of an object measured when tupright position	he ob	ject is in the
PO411	189	Width	X	R 1/8
		Shorter measurement of the two horizontal dimensions mea object in the upright position	surec	l with the
PO412	65	Height	X	R 1/8
		Vertical dimension of an object measured when the object position	is in t	he upright
PO413	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being express which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co		
PO414	810	Inner Pack	O	N0 1/6
		Number of units in each selling pack		

REF Reference Numbers Segment:

100 Position: Loop: PO1 Detail Level: Optional Usage: >1

Max Use:

To specify identifying numbers. Purpose:

Syntax Notes: Semantic Notes: Comments:

1 At least one of REF02 or REF03 is required.

		Data Eleme	ent Summary	
Ref.	Data			
Des.	Element	Name	O 110	Attributes
Must Use REF01	128	Reference Number		M ID 2/2
		Code qualifying the		(2.5777)
		16	Military Interdepartmental Purchase I	Request (MIPR)
			Number A specific form used to transmit oblig	vation authority
			(dollars) and requirements between a	
			requiring a purchase and a military se	
			responsible for procuring the requirer	nent
		2E	Foreign Military Sales Case Number	
			A reference number designating the f	oreign military
		0.7.7	sale records	
		2Y	Wage Determination	
		73	Statement of Work (SOW)	
			Description of a product or service to	be procured under
		82	a contract; statement of requirements Data Item Description (DID) Referen	ce
		02	Specific data elements that the govern	
			contractor to provide and are spelled	
			requirement documents	1
		83	Extended (or Exhibit) Line Item Num	iber (ELIN)
			Identifies specific line items to be del	ivered for a
		0.7	contract	
		97	Package Number	
			A serial number indicating unit shipp	
		9G	Department of Defense Form 250 Rec	quirement Code
		CT	Contract Number	
		DG	Drawing Number	
		EV	Receiver Identification Number	
			A unique number identifying the orga	
			location designated to receive the cur transaction set	rem transmitted
		IJ	Standard Industry Classification (SIC) Code
		IL	Internal Order Number	,
		IQ	End Item	
		IX	Item Number	
		K0	Approval Code	
		KL	Contract Reference	
		KV	Distribution Statement Code	

		LT	Lot Number
		LX	Qualified Products List
		NI	Military Standard (MIL-STD) Number
		NJ	Technical Document Number
		NL	Technical Order Number
		P4	Project Code
		PH	Priority Rating
		QC	Product Specification Document Number
			Model designation of replacement component
		RQ	Purchase Requisition No.
		RS	Returnable Container Serial Number
		S2	Military Specification Number (MILSPEC)
		S3	Specification Number
		TN	Transaction Reference Number
		TP	Test Specification Number
		VQ	Related Contract Line Item Number
		VW	Standard
		W2	Weapon System Number
			Identifies a weapon system
		W6	Federal Supply Schedule Number
			Identifies an item with a two-digit group number, two-
		1170	digit part number, and one-character section letter
		W8	Suffix
			Differentiates between partial actions taken on the original transaction
		XE	Transportation Priority Number
			Number indicating the level of government priority
			associated with the transportation of a shipment
		ZZ	Mutually Defined
REF02	127	Reference Nun	nber X AN 1/30
			per or identification number as defined for a particular
DEE02	352		or as specified by the Reference Number Qualifier. X AN 1/80
REF03	334	Description	
		A free-form des	cription to clarify the related data elements and their content

Segment: PER Administrative Communications Contact

Position: 110

Loop: PO1 Level: Detail

Usage: Optional

Max Use:

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

1 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:

Data Element Summary

			Data Elem	ient Summary		
	Ref.	Data				
	Des.	Element	Name			ributes
Must Use	PER01	366	Contact Function			ID 2/2
				ne major duty or responsibility of the pers	son or	r group named
			AU	Report Authorizer		
			BD	Buyer Name or Department		
			PI	Preparer		
				A firm, organization, or individual wh		
	PER02	93	Name	tax liability from information supplied	by th O	ne taxpayer AN 1/35
	PERU2	93			U	AIN 1/35
	DEDAG	265	Free-form name		37	ID 2/2
	PER03	365	Communication N	_	X	ID 2/2
				te type of communication number		
			AU	Defense Switched Network		
				Department of Defense telecommunica		system and
				successor of the Automatic Voice Netv (AUTOVON)	vork	
			EM	Electronic Mail		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER04	364	Communication N	•	X	AN 1/80
	I LIXU4	304		ications number including country or are		
			applicable	leations number including country of are	a cou	e when
	PER05	365	Communication N	umber Qualifier	\mathbf{X}	ID 2/2
			Code identifying th	e type of communication number		
			AU	Defense Switched Network		
				Department of Defense telecommunica	ations	system and
				successor of the Automatic Voice Netv		
				(AUTOVON)		
			EM	Electronic Mail		
			EX	Telephone Extension		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER06	364	Communication N	umber	X	AN 1/80
			Complete commun	ications number including country or are	a cod	e when

applicable

PER07	365	Communicati	on Number Qualifier	X	ID 2/2
		Code identifyi	ng the type of communication number		
		AU	Defense Switched Network		
			Department of Defense telecommus successor of the Automatic Voice N (AUTOVON)		•
		EM	Electronic Mail		
		EX	Telephone Extension		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER08	364	Communicati	on Number	X	AN 1/80
		Complete com applicable	munications number including country or	area coo	de when
PER09	443	Contact Inqui	ry Reference	O	AN 1/20
		Additional refe	erence number or description to clarify a c	ontact n	umber

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

Position: 130 PO₁ Loop: Level: Detail Usage: Optional Max Use: 25

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

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

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

If either SAC03 or SAC04 is present, then the other is required. If either SAC06 or SAC07 is present, then the other is required. If either SAC09 or SAC10 is present, then the other is required.

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: 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.

3 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.

	Ref.	Data			
	Des.	Element	<u>Name</u>	Att	<u>ributes</u>
Must Use	SAC01	248	Allowance or Charge Indicator	\mathbf{M}	ID 1/1
			Code which indicates an allowance or charge for the service	e spec	cified
			R Allowance Request		
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID 4/4
			Code identifying the service, promotion, allowance, or char	ge	
			Refer to 003050 Data Element Dictionary for acceptable co-	de va	lues.
Not Used	SAC03	559	Agency Qualifier Code	\mathbf{X}	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge	X	AN 1/10
			Code		
			Agency maintained code identifying the service, promotion	, allo	wance, or
			charge		
Not Used	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	Allowance/ Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent	is cal	culated
Not Used	SAC07	332	Percent	X	R 1/6

			Percent expressed as a percent		
Not Used	SAC08	118	Rate	O	R 1/9
			Rate expressed in the standard monetary denomination for the specified	ne cu	irrency
Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expresse which a measurement has been taken	d, or	manner in
Not Used	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or cha	rge	
Not Used	SAC13	127	Reference Number	\mathbf{X}	AN 1/30
			Reference number or identification number as defined for a	parti	cular
			Transaction Set, or as specified by the Reference Number Q	ualif	ĭer.
Not Used	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowarmore than one is offered	ace o	ptions when
Not Used	SAC15	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements a	ınd tl	heir content

Segment:	IT8 Conditions of Sale	
Position:	140	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	25	
Purpose:	To specify general conditions or requirements and to det alternate products	ail conditions for substitution of
Syntax Notes:	1 At least one of IT801 IT802 IT803 IT805 or IT807 i	is required.
	2 If either IT808 or IT809 is present, then the other is	required.
	3 If either IT810 or IT811 is present, then the other is	required.
	4 If either IT812 or IT813 is present, then the other is	required.
	5 If either IT814 or IT815 is present, then the other is	required.
	6 If either IT816 or IT817 is present, then the other is	required.
	7 If either IT818 or IT819 is present, then the other is	required.
	8 If either IT820 or IT821 is present, then the other is	required.
	9 If either IT822 or IT823 is present, then the other is	required.
	10 If either IT824 or IT825 is present, then the other is	required.
	11 If either IT826 or IT827 is present, then the other is	required.
Semantic Notes:	1 IT803 is the maximum monetary amount value which	ch the order must not exceed.
	2 IT804 is the account number to which the purchase a	amount is to be charged.
	3 IT805 is the date specified by the sender to be shown	n on the invoice.
Comments:	1 Element 235/234 combinations should be interpreted services. See the Data Dictionary for a complete list	-
	2 IT808 through IT827 provides for ten (10) different	
	item. Example: Case, Color, Drawing No., UPC No.	
	r	, ,
D 6	Data Element Summary	
Ref.	Data	A
Des.	Element Name	Attributes
IT801	563 Sales Requirement Code	X ID 1/2

	Ref.	Data	Data Liem	cit Summary		
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
	IT801	563	Sales Requirement	Code	\mathbf{X}	ID 1/2
			Code to identify a s	pecific requirement or agreement of sale	;	
			BC	Restricted to Historically Black Colleg or Minority Institution	ge or 1	University
			С	Consignment		
			EI	Restricted to Educational Institutions		
			IP	Restricted to Industrial Preparedness P Participants	rogra	m
			IS	Substitute Item Allowed		
			P2	Ship As Soon As Possible		
			P4	Do Not Preship		
			QB	On Qualified Bidders List		
			QM	On Qualified Manufacturers List		
			QP	Restricted to Qualified Products List (QPL)	Products
			SC	Ship Complete		
			SV	Ship Per Release		
			UC	Restricted to U.S. and Canadian Source	es	
			UL	Other Unlisted Sales Condition		
			UP	Unrestricted Procurement		
			YI	Restricted to Young Investigator Progr	am	
			Z	Mutually Defined		
Not Used	IT802	564	Do-Not-Exceed Ac Code indicating the	tion Code action to be taken if the order amount e	X xceed	ID 1/1 ls the value of

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			Do-Not-Exceed Ar	nount (565)		
Not Used	IT803	610	Amount	nount (202)	X	N2 1/15
			Monetary amount			
Not Used	IT804	508	Account Number		0	AN 1/35
			Account number as	ssigned		
Not Used	IT805	373	Date		X	DT 6/6
NT 4 TT - 1	ITTOO	550	Date (YYMMDD)		0	ID 2/2
Not Used	IT806	559	Agency Qualifier	ne agency assigning the code values	O	ID 2/2
	IT807	566	Product/Service S		X	ID 1/2
	11007	300		oduct or service substitution conditions	Λ	10 1/2
			A	No Quantity or Unit of Measure Chan	vaa 11	lowed
			B0	No Substitution Allowed	ige Ai	llowed
			X	Equivalent Item Substitution		
			Y	Alternate Item Substitution Allowed		
Not Used	IT808	235	Product/Service I		X	ID 2/2
Not Used	11000	233		ne type/source of the descriptive number		
			Product/Service ID	7.7	asea	***
Not Used	IT809	234	Product/Service I	D	\mathbf{X}	AN 1/40
			Identifying number	r for a product or service		
Not Used	IT810	235	Product/Service I		X	ID 2/2
				ne type/source of the descriptive number	used	in
Not Used	IT811	234	Product/Service ID Product/Service II		X	AN 1/40
1101 Oscu	11011	254		r for a product or service	Λ	A11 1/40
Not Used	IT812	235		Product/Service ID Qualifier		
				ne type/source of the descriptive number	used	ID 2/2 in
			Product/Service ID			
Not Used	IT813	234	Product/Service I		X	AN 1/40
NT / TT 1	TODO 4 A	225		r for a product or service	***	ID 0/0
Not Used	IT814	235	Product/Service I	D Quaitier ne type/source of the descriptive number	X	ID 2/2
			Product/Service ID		uscu	111
Not Used	IT815	234	Product/Service I		X	AN 1/40
			Identifying number	r for a product or service		
Not Used	IT816	235	Product/Service I		X	ID 2/2
				ne type/source of the descriptive number	used	in
Not Used	IT817	234	Product/Service ID Product/Service II		X	AN 1/40
Not Oseu	11017	234		r for a product or service	Λ	A11 1/40
Not Used	IT818	235	Product/Service I	-	X	ID 2/2
				ne type/source of the descriptive number	used	in
			Product/Service ID			
Not Used	IT819	234	Product/Service I		X	AN 1/40
NT / WT - 1	TOTOGO			for a product or service		TD 0/0
Not Used	IT820	235	Product/Service II	D Qualitier ne type/source of the descriptive number	X	ID 2/2
			Product/Service ID		usea	111
Not Used	IT821	234	Product/Service II	· ·	X	AN 1/40
			Identifying number	for a product or service		
Not Used	IT822	235	Product/Service I		X	ID 2/2
				the type/source of the descriptive number	used	in
Not Used	IT823	234	Product/Service ID Product/Service II		X	AN 1/40
THUI USEU	11023	434		for a product or service	Λ	A11 1/40
			7 3 3	. F		

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Not Used	IT824	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number	X	ID 2/2
			Product/Service ID (234)	uscu	111
Not Used	IT825	234	Product/Service ID	X	AN 1/40
			Identifying number for a product or service		
Not Used	IT826	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
			Code identifying the type/source of the descriptive number	used	in
			Product/Service ID (234)		
Not Used	IT827	234	Product/Service ID	X	AN 1/40
			Identifying number for a product or service		

FOB F.O.B. Related Instructions Segment: Position: 180 PO₁ Loop: Level: Detail Usage: Optional Max Use: >1 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. If FOB08 is present, then FOB09 is required. FOB01 indicates which party will pay the carrier. **Semantic Notes:** 1 FOB02 is the code specifying transportation responsibility location. 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:

			Data Elemo	ent Summary		
	Ref.	Data				
	Des.	Element	Name			<u>ributes</u>
Must Use	FOB01	146	Shipment Method		\mathbf{M}	ID 2/2
				yment terms for transportation charges		
			BP	Paid by Buyer		
			PE	The buyer agrees to the transportation requiring the buyer to pay transportati specified location (origin or destination Prepaid and Summary Bill	on ch	arges to a
			PP	Prepaid (by Seller)		
			PS	Paid by Seller		
				The seller agrees to the transportation requiring the seller to pay transportation specified location (origin or destination)	on ch	arges to a
	FOB02	309	Location Qualifier		X	ID 1/2
			Code identifying typ	pe of location		
			DE	Destination (Shipping)		
			FV	Free Alongside Vessel (Free On Board	d [F.C	D.B.] Point)
			IT	Intermediate FOB Point		
			WE	A location indicating the point of dest origin or final destination but rather at		
			KE	Port of Embarkation		
			KL	Port of Loading		
			OR	Origin (Shipping Point)		
			W	Worldwide Geographic Location Code	e	
			ZZ	Mutually Defined		
Not Used	FOB03	352	Description		O	AN 1/80
			^	tion to clarify the related data elements	and tl	neir content
Not Used	FOB04	334	-	rms Qualifier Code e source of the transportation terms	0	ID 2/2
Not Used	FOB05	335	Transportation Ter	rms Code	X	ID 3/3
			Code identifying the responsibility	e trade terms which apply to the shipme	nt trai	nsportation
	FOB06	309	Location Qualifier		X	ID 1/2

			Code identifying ty	pe of location		
			DE	Destination (Shipping)		
			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
Not Used	FOB07	352	Description A free-form descrip	ption to clarify the related data elements	O and tl	AN 1/80 heir content
Not Used	FOB08	54	Risk of Loss Qual Code specifying w	ifier here responsibility for risk of loss passes	0	ID 2/2
Not Used	FOB09	352	Description A free-form descrip	otion to clarify the related data elements	X and tl	AN 1/80 heir content

D.C

Date

SDQ Destination Quantity Segment: 190 Position: PO₁ Loop: Detail Level: Optional Usage: Max Use: 50 Purpose: To specify destination and quantity detail Syntax Notes: If either SDQ05 or SDQ06 is present, then the other is required. If either SDQ07 or SDQ08 is present, then the other is required. 3 If either SDQ09 or SDQ10 is present, then the other is required. 4 If either SDQ11 or SDQ12 is present, then the other is required. 5 If either SDQ13 or SDQ14 is present, then the other is required. If either SDO15 or SDO16 is present, then the other is required. 7 If either SDQ17 or SDQ18 is present, then the other is required. 8 If either SDQ19 or SDQ20 is present, then the other is required. If either SDQ21 or SDQ22 is present, then the other is required. **Semantic Notes:** 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21. Comments: 1 SDQ02 is used only if different than previously defined in the transaction set. SDQ03 is the store number. 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

	Ref.	Data				
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	SDQ01	355	Unit or Basis for l	Measurement Code	\mathbf{M}	ID 2/2
				ne units in which a value is being express	ed, or	manner in
				ent has been taken		
			Refer to 003050 D	ata Element Dictionary for acceptable co	de va	lues.
	SDQ02	66	Identification Cod	de Qualifier	O	ID 1/2
			Code designating t	the system/method of code structure used	for I	dentification
			Code (67)			
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with F	our C	haracter
				Suffix		
			10	Department of Defense Activity Addr	ess Co	ode
				(DODAAC)		
			33	Commercial and Government Entity (CAGI	Ξ)
			A2	Military Assistance Program Address	Code	(MAPAC)
				Contained in the Military Assistance F	rogra	m Address
				Directory (MAPAD); represents the lo	catio	n of an
				entity		
Must Use	SDQ03	67	Identification Cod		M	AN 2/20
				party or other code		
Must Use	SDQ04	380	Quantity		\mathbf{M}	R 1/15
			Numeric value of o	quantity		
	SDQ05	67	Identification Cod	de	X	AN 2/20
			Code identifying a	party or other code		
	SDQ06	380	Quantity		X	R 1/15
			Numeric value of o	quantity		
	SDQ07	67	Identification Cod	le	X	AN 2/20
	-		Code identifying a	party or other code		
				1		

	SDQ08	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ09	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ10	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ11	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ12	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ13	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ14	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ15	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ16	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ17	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ18	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ19	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ20	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ21	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ22	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	SDQ23	310	Location Identifier Code which identifies a specific location	0	AN 1/30

DTM Date/Time Reference Segment:

200 Position: PO1 Loop: Level: Detail Usage: Optional Max Use: 10

Purpose: To specify pertinent dates and times

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

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

Semantic Notes: Comments:

			Data Elem	ent Summary		
Must Use	Ref. <u>Des.</u> DTM01	Data Element 374	Name Date/Time Qualific	er	<u>Att</u> M	ributes ID 3/3
Must Osc	DIMOI	374		be of date or time, or both date and time	141	110 3/3
			002	Delivery Requested		
			007	Effective		
			017	Estimated Delivery		
			063	Do Not Deliver After		
			064	Do Not Deliver Before		
			077	Requested for Delivery (Week of)		
			106	Required By		
			174	Month Ending		
			193	Period Start		
			194	Period End		
			275	Approved		
				Date report was approved by contractor	or rep	resentative
			368	Submittal		
				Date an item was submitted to a custo	mer	
			375	Delivery Start		
				The date that deliveries will begin		
			376	Delivery End		
				The date that deliveries will end		
			405	Production		
				Used to identify dates and times that o processes were performed	perat	ions or
			565	Date of Property Inspection		
			600	As Of		
			601	First Submission		
			602	Subsequent Submission		
			641	Option		
			937	Department of Labor Wage Determina	tion	Date
			996	Required Delivery		
				A date on which or before, ordered gomust be delivered	ods o	r services
	DTM02	373	Date		X	DT 6/6
			Date (YYMMDD)			
	DTM03	337	Time		X	TM 4/8

DTM04	623	HHMMSSD, of 59), S = integer	d in 24-hour clock time as follows: HHMM or HHMMSSDD, where $H = hours$ (00-23), or seconds (00-59) and $DD = decimal$ seconds follows: $D = tenths$ (0-9) and $DD = hund$	M = m ds; dec	ninutes (00- imal seconds
		Organization s in hours in rela	ng the time. In accordance with International tandard 8601, time can be specified by a + ation to Universal Time Coordinate (UTC) acter, + and - are substituted by P and M in Central Time	or - and time; si	d an indication ince + is a
		ET	Eastern Time		
		GM	Greenwich Mean Time		
		LT	Local Time		
		MT	Mountain Time		
		PT	Pacific Time		
DTM05	624	Century		O	N0 2/2
		The first two c	haracters in the designation of the year (CC	CYY)	
DTM06	1250	Date Time Per	riod Format Qualifier	X	ID 2/3
		Code indicatin	g the date format, time format, or date and	time fo	rmat
		Refer to 00305	0 Data Element Dictionary for acceptable of	ode va	lues.
DTM07	1251	Date Time Per	riod	X	AN 1/35
		Expression of	a date, a time, or range of dates, times or da	ites and	l times

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 250
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Notes: 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

At least one of 1D502 1D504 1D505 1D506 or 1D512 is require

If TD502 is present, then TD503 is required.

3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required.

Semantic Notes: Comments:

When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Not Used	TD501	133	Routing Sequence Code	O	ID 1/2
			Code describing the relationship of a carrier to a specific sh	iipme	nt movement
	TD502	66	Identification Code Qualifier	\mathbf{X}	ID 1/2
			Code designating the system/method of code structure used Code (67)	for I	dentification
			Department of Defense Activity Addr (DODAAC)	ess C	ode
	TD503	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	TD504	91	Transportation Method/Type Code	X	ID 1/2
			Code specifying the method or type of transportation for the	e shir	ment
			Refer to 003050 Data Element Dictionary for acceptable co	_	
Not Used	TD505	387	Routing	X	AN 1/35
Not Used	בטכעו	387	Free-form description of the routing or requested routing for		
			originating carrier's identity	1 31111	micht, of the
Not Used	TD506	368	Shipment/Order Status Code	X	ID 2/2
1.00 0004	1200		Code indicating the status of an order or shipment or the dis		
			difference between the quantity ordered and the quantity sh		
			item or transaction		
Not Used	TD507	309	Location Qualifier	O	ID 1/2
			Code identifying type of location		
Not Used	TD508	310	Location Identifier	\mathbf{X}	AN 1/30
			Code which identifies a specific location		
Not Used	TD509	731	Transit Direction Code	O	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the trans	sit tim	ie
Not Used	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.
				, u	

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

270 Position: Loop: PO1 Level: Detail Usage: Optional

Max Use:

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

information, or both

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

If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Ref.	Data			
Des.	Element	<u>Name</u>	Att	<u>ributes</u>
TD401	152	Special Handling Code	X	ID 2/3
		Code specifying special transportation handling instructions	S	
		Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.
TD402	208	Hazardous Material Code Qualifier	\mathbf{X}	ID 1/1
		Code which qualifies the Hazardous Material Class Code (2	(90	
		Refer to 003050 Data Element Dictionary for acceptable co-	de va	lues.
TD403	209	Hazardous Material Class Code	\mathbf{X}	AN 2/4
		Code specifying the kind of hazard for a material		
TD404	352	Description	\mathbf{X}	AN 1/80
		A free-form description to clarify the related data elements a	and tl	neir content

Segment: MAN Marks and Numbers

Position: 280
Loop: PO1
Level: Detail
Usage: Optional

Max Use: 10

Purpose: To indicate identifying marks and numbers for shipping containers

Syntax Notes: 1 If either MAN04 or MAN05 is present, then the other is required.

2 If MAN06 is present, then MAN05 is required.

Semantic Notes: 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.

When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.

When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments: 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and

MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shippping Container code is the same on every carton that is represented in the range in MAN05/MAN06.

2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

			Data Element Summary		
Must Use	Ref. <u>Des.</u> MAN01	Data Element 88	Name Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers Qualifier	M	ributes ID 1/2
			L Line Item Only		, (0,)
Must Use	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a	M a ship	AN 1/45 ment
	MAN03	87	Marks and Numbers	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a	ı ship	ment
	MAN04	88	Marks and Numbers Qualifier	X	ID 1/2
			Code specifying the application or source of Marks and Nur	mbers	s (87)
			L Line Item Only		
	MAN05	87	Marks and Numbers	\mathbf{X}	AN 1/45
			Marks and numbers used to identify a shipment or parts of a	ı ship	ment
	MAN06	87	Marks and Numbers	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a	ship	ment

RRA Required Response Segment:

Position: 290 Loop: PO1 Level: Detail Usage: Optional Max Use: 25

Purpose: To indicate information that is required to be included in the response

Syntax Notes: Semantic Notes: Use RRA02 only to specify applicable regulatory or contractual clause. Comments:

	Ref.	Data	v		
	Des.	<u>Element</u>	<u>Name</u>	Att	<u>ributes</u>
Must Use	RRA01	701	Information Type	M	ID 2/2
			Code specifying the information required in the response		
			14 As Indicated by the Cited Reference		
	RRA02	127	Reference Number	O	AN 1/30
			Reference number or identification number as defined for a Transaction Set, or as specified by the Reference Number of		

840 - Request for Quotation

Segment: MSG Message Text

Position: 295
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 1000

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes: Semantic Notes:

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of

page, advance a line, etc.

	Ref. Des.	Data Element	Name	Att	ributes
Must Use		933	Free-Form Message Text	M	AN 1/264
Widst Osc	MISGUI	755	Free-form message text	111	71117204
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the rece	O eiving	ID 2/2 printer

Segment: SPI Specification Identifier

Position: 296
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1

Purpose:

Comments:

To provide a description of the included specification or technical data items

Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required. Semantic Notes:

	Ref.	Data	Data Dement Summary		
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	SPI01	786	Security Level Code	\mathbf{M}	ID 2/2
			Code indicating the level of confidentiality assigned by the	sende	er to the
			information following 92 Government Confidential		
			93 Government Secret		
	CDYOG	100	94 Government Top Secret	3 7	TD 0/0
	SPI02	128	Reference Number Qualifier	X	ID 2/2
			Code qualifying the Reference Number.		
			Refer to 003050 Data Element Dictionary for acceptable co		
	SPI03	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a		
	SPI04	790	Transaction Set, or as specified by the Reference Number Q Entity Title	ualifi O	er. AN 1/132
	SF104	790	•	U	AIN 1/132
N-4 II I	CDIA	701	Title of the data entity	0	A DI 1/00
Not Used	SPI05	791	Entity Purpose The reason for the existence of the data item specified by th	O e elec	AN 1/80
			item independent of its presence in an EDI transaction	c cicc	ctronic data
Not Used	SPI06	792	Entity Status Code	0	ID 1/1
			Code indicating the current status of the data item specified	by th	e electronic
			data item		
Not Used	SPI07	353	Transaction Set Purpose Code	O	ID 2/2
NT 4 NT 1	CDIA	255	Code identifying purpose of transaction set	0	ID 2/2
Not Used	SPI08	755	Report Type Code Code indicating the title or contents of a document, report o	O	ID 2/2
Not Used	SPI09	786	Security Level Code	1 supp	ID 2/2
Not Used	31109	/00	Code indicating the level of confidentiality assigned by the	_	
			information following	501144	1 10 1110
Not Used	SPI10	559	Agency Qualifier Code	O	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SPI11	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the	e Sou	rce Qualifier
Not Used	SPI12	554	Assigned Number	O	N0 1/6
			Number assigned for differentiation within a transaction set		
Not Used	SPI13	1322	Certification Type Code	O	ID 1/1
Not II.	CDI14	1.401	Code indicating the type of certification	0	ID 1/2
Not Used	SPI14	1401	Proposal Data Detail Identifier Code Code identifying the basis of a cited value in a proposal	O	ID 1/3
			code racharying the oasis of a ched value in a proposal		

Segment: SCH Line Item Schedule

Position: 297
Loop: SCH
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify the data for scheduling a specific line-item Syntax Notes: 1 If SCH03 is present, then SCH04 is required.

2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.

3 If SCH09 is present, then SCH08 is required.4 If SCH10 is present, then SCH08 is required.

Semantic Notes: 1 SCH12 is the schedule identification.

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

	TD 6	D 4	Data Elen	ient Summary		
	Ref.	Data	Nama		A 44	nih na a a
Must Use	Des. SCH01	Element 380	Name Quantity		Att M	ributes R 1/15
MIUSE USE	SCHUI	300	Numeric value of c	mantity	141	K 1/15
Must Use	SCH02	355		Measurement Code	M	ID 2/2
111101 030	501102	555		e units in which a value is being express		
			which a measurem		ĺ	
			Refer to 003050 Da	ata Element Dictionary for acceptable co	de va	lues.
Not Used	SCH03	98	Entity Identifier (O	ID 2/2
				n organizational entity, a physical location	on, or	an individual
Not Used	SCH04	93	Name		X	AN 1/35
			Free-form name			
Must Use	SCH05	374	Date/Time Qualifi		M	ID 3/3
				pe of date or time, or both date and time		
			002	Delivery Requested		
			017	Estimated Delivery		
			063	Do Not Deliver After		
			064	Do Not Deliver Before		
			077	Requested for Delivery (Week of)		
			106	Required By		
			174	Month Ending		
			358	Cycle Begin		
				Date on which the cycle begins		
			375	Delivery Start		
				The date that deliveries will begin		
			996	Required Delivery		
				A date on which or before, ordered go must be delivered	ods o	r services
Must Use	SCH06	373	Date		\mathbf{M}	DT 6/6
			Date (YYMMDD)			
	SCH07	337	Time		O	TM 4/8
			HHMMSSD, or HF 59), S = integer sec	24-hour clock time as follows: HHMM, HMMSSDD, where H = hours (00-23), Nonds (00-59) and DD = decimal seconds (llows: D = tenths (0-9) and DD = hundre	M = ms; deci	inutes (00- imal seconds
	SCH08	374	Date/Time Qualifi		X	ID 3/3
			Code specifying type	pe of date or time, or both date and time		

			002	Delivery Requested		
			017	Estimated Delivery		
			063	Do Not Deliver After		
			064	Do Not Deliver Before		
			077	Requested for Delivery (Week of)		
			106	Required By		
			174	Month Ending		
			359	Cycle End		
				Date on which the cycle ends		
			376	Delivery End		
				The date that deliveries will end		
			996	Required Delivery		
				A date on which or before, ordered good must be delivered	ods or	r services
	SCH09	373	Date		X	DT 6/6
			Date (YYMMDD)			
	SCH10	337	Time		X	TM 4/8
			HHMMSSD, or HH 59), S = integer seco	44-hour clock time as follows: HHMM, of MMSSDD, where H = hours (00-23), Monds (00-59) and DD = decimal seconds: lows: D = tenths (0-9) and DD = hundred	I = m ; deci	inutes (00- mal seconds
	SCH11	326	Request Reference		0	AN 1/45
				or RFQ number to use to identify a particular reference number or description which		
Not Used	SCH12	350	Assigned Identificate Alphanumeric characters	ation acters assigned for differentiation within	O a trar	AN 1/11 assaction set

LDT Lead Time Segment: 302 Position: LDT Loop: Level: Detail Usage: Optional Max Use: Purpose: To specify lead time for availability of products and services Syntax Notes: **Semantic Notes:** 1 LDT04 is the effective date of lead time information. 1 LDT02 is the quantity of unit of time periods. **Comments:**

	Ref.	Data	Data Diem	ciic Suiiiiiai y		
	Des.	Element	Name		Δtt	ributes
Must Use	<u>DC3.</u> LDT01	345	Lead Time Code		M	ID 2/2
			Code indicating the	time range		
			AD	From date of sample approval to first	produ	ict shipment
			AH	From Date of Receipt of First Article Approval	to Fir	st Article
			AI	From Date of a Specified Event to De	elivery	7
			AJ	From Date of First Delivery to Date of Delivery(ies)		
			AK	From Date Of Latest Delivery To Fire	al Del	livery
			AM	From Date Of Previous Delivery To I SubsequentDelivery	Date C)f
			AV	From Date of Award to Date of Lates	t Deli	very
			AW	From Date of Award to Date of Earli	est De	livery
			AX	From Date of Award to Date of Com	pletior	1
			AY	From Date of Award to Date of Deliv	ery	
			AZ	From Date of Receipt of Item to Date Item	of Ap	proval of
Must Use	LDT02	380	Quantity		\mathbf{M}	R 1/15
			Numeric value of qu			
Must Use	LDT03	344	Unit of Time Perio		\mathbf{M}	ID 2/2
			_	time period or interval		
			CY	Calendar Year		
			DA	Calendar Days		
			KK	Maximum Calendar Days		
			MO	Month		
			QY	Quarter of a Year		
			SA	Semiannual		
			WK	Weeks		
	LDT04	373	Date		0	DT 6/6
			Date (YYMMDD)			

Segment: QTY Quantity

Position: 303
Loop: LDT
Level: Detail
Usage: Optional

Max Use: >1

Purpose: To specify quantity information

Purpose: Syntax Notes: Semantic Notes: Comments:

	Ref.	Data		·		
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	QTY01	673	Quantity Qualifier		\mathbf{M}	ID 2/2
			Code specifying the	type of quantity		
			1J	Due		
				The amount due to the customer		
			1K	Time Units		
				The number of time units such as 8 (ho	ours)	
			52	Number of Originals		
			K6	Drafts		
			KF	Duplicates		
			SA	Shipments		
Must Use	QTY02	380	Quantity Numeric value of qu	iantity	M	R 1/15
	QTY03	355	Unit or Basis for M	•	0	ID 2/2
	4.1.00		Code specifying the which a measurement	units in which a value is being expresse		manner in

Segment: MSG Message Text

Position: 304
Loop: LDT
Level: Detail
Usage: Optional

Max Use:

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes: Semantic Notes:

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of

page, advance a line, etc.

	Ref.	Data	-		
	Des.	<u>Element</u>	<u>Name</u>	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	O	ID 2/2
			A field to be used for the control of the line feed of the rece	iving	printer

LM Code Source Information Segment:

305 Position: Loop: LM Level: Detail Usage: Optional

Max Use:

To transmit standard code list identification information

Purpose: Syntax Notes: Semantic Notes:

LM02 identifies the applicable industry code list source information. Comments:

	Ref. Des.	Data Element	Name	Δtt	ributes
Must Use		559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			DF Department of Defense (DoD)		
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the	O le Sou	AN 1/15 rce Qualifier

Segment: LQ Industry Code

Position: 306 Loop: LM Level: Detail Usage: Mandatory

Max Use: 1

Purpose: Code to transmit standard industry codes

Syntax Notes: 1 If LQ01 is present, then LQ02 is required.

Semantic Notes:

Comments:

Ref.	Data				
Des.	Element	Name		Att	ributes
LQ01	1270	Code List Q	ualifier Code	O	ID 1/3
		Code identify	ying a specific industry code list		
		FX	Frequency		
LQ02	1271	Industry Co	de	\mathbf{X}	AN 1/20
		Code indicat	ing a code from a specific industry code list		

Segment:	N9 Reference Number
Position:	320
Loop:	N9
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
Semantic Notes: Comments:	1 N906 reflects the time zone which the time reflects.

			Data Eleme	ent Summary			
	Ref.	Data					
	Des.	Element	Name			<u>ibutes</u>	
Must Use	N901	128	Reference Number		M	ID 2/2	
			Code qualifying the				
			5N	Citation of Statute			
			73	Statement of Work (SOW)			
			BB	Description of a product or service to be a contract; statement of requirements Authorization Number			
				Proves that permission was obtained to	provi	ide a	
			СЈ	service Clause Number			
			DF	Defense Federal Acquisition Regulatio	ns (D	FAR)	
			DX	Department/Agency Number	(2	,	
			EC	Circular			
			FA	Federal Acquisition Regulations (FAR))		
			GS	General Services Administration Regulations (GSAR)			
			K7	Paragraph Number		3 (351116)	
			KD	Special Instructions Number			
			KT	Request for Quotation Reference			
			***	A discrete number assigned for identifi	cation	nurnoses	
				to a request for quotation	Cuttor	rpurposes	
			KY	Site Specific Procedures, Terms, and C	onditi	ions	
			A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents			specific rencing its the lengthy	
			KZ	Master Solicitation Procedures, Terms,			
			ND.	A set of standard procedures, terms, an applicable to a category of procurement incorporated into all procurement actio category by referencing its unique numby incorporating the lengthy details it r	t, whi ns in t ber ra eprese	ich will be that other than	
			VB	Department of Veterans Affairs Acquis Regulations (VAAR)	atton		
			ZZ	Mutually Defined			
	N902	127	Reference Number		X	AN 1/30	

			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.					
	N903	369	Free-form Description	X	AN 1/45			
			Free-form descriptive text					
	N904	373	Date	O	DT 6/6			
			Date (YYMMDD)					
Not Used	N905	337	Time	X	TM 4/8			
			HHMMSSD, or HHMMSSDD, where H = hours (00-23).	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-				
			59), S = integer seconds (00-59) and DD = decimal secondare expressed as follows: D = tenths (0-9) and DD = hund					
Not Used	N906	623	Time Code	O	ID 2/2			
			Code identifying the time. In accordance with Internation	al Stan	dards			
			Organization standard 8601, time can be specified by a + in hours in relation to Universal Time Coordinate (UTC) restricted character, + and - are substituted by P and M in	time; si	ince + is a			

Segment: MSG Message Text

Position: 330
Loop: N9
Level: Detail
Usage: Optional
Max Use: 1000

Purpose: To provide a free form format that would allow the transmission of text information.

Purpose: Syntax Notes: Semantic Notes:

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of

page, advance a line, etc.

	Ref.	Data	v		
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M	AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the rece	O eiving	ID 2/2 printer

N₁ Name Segment:

Position: 340 Loop: N1Level: Detail Usage: Optional

Max Use:

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

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

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.

N105 and N106 further define the type of entity in N101. 2

			Data	Element Summary
	Ref. Des.	Data Element	<u>Name</u>	Attributes
Must Use	N101	98	Entity Identi	
			Code identify	ing an organizational entity, a physical location, or an individual
			31	Postal Mailing Address
			44	Data Processing Service Bureau
			7G	Hazardous Material Office
			7L	Preliminary Inspection Location
			7M	Inspection and Acceptance Location
			88	Approver
				Manufacturer's representative approving claim for
			~~	payment
			CY	Country
			EL	Established Location
			IC	Intermediate Consignee
			IS	Party to Receive Certified Inspection Report
			KF	Audit Office
				The office performing the audit
			KG	Project Manager
				The address of the person responsible for the
			KX	management of a designated project Free on Board Point
			KY	Technical Office
			KZ	Acceptance Location
			L1	Inspection Location
			LI	Place where the item was viewed or inspected
			P1	Preparer
			ГІ	•
				The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer
			PW	Pick Up Address
			R6	Requester
			ST	Ship To
			SV	Service Performance Site
			-	When services are contracted for, this describes the

organization for whom or location address at which

			TS	those services will be performed Party to Receive Certified Test Results	2	
			X2	Party to Perform Packaging	3	
			Z7	A party responsible for packaging an i been produced Mark-for Party	tem a	fter it has
				The party for whom the needed materi	al is i	ntended
	N102	93	Name		X	AN 1/35
			Free-form name			
	N103	66	Identification Code	Qualifier	X	ID 1/2
			Code designating the Code (67)	e system/method of code structure used	for Io	lentification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with F Suffix	our C	haracter
			10	Department of Defense Activity Addre (DODAAC)	ess Co	ode
			16	ZIP Code		
			33	Commercial and Government Entity (CAGE	Ξ)
			A2	Military Assistance Program Address	Code	(MAPAC)
				Contained in the Military Assistance P Directory (MAPAD); represents the lo entity	_	
	N104	67	Identification Code		\mathbf{X}	AN 2/20
			Code identifying a p	arty or other code		
Not Used	N105	706	Entity Relationship Code describing enti		0	ID 2/2
Not Used	N106	98	Entity Identifier Co Code identifying an	ode organizational entity, a physical locatio	O n, or	ID 2/2 an individual

Segment: N2 Additional Name Information

Position: 350
Loop: N1
Level: Detail
Usage: Optional

Max Use: 2

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

Syntax Notes: Semantic Notes: Comments:

	Ref.	Data		
	Des.	Element	Name	<u>Attributes</u>
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
	N202	93	Name	O AN 1/35
			Free-form name	

Segment: N3 Address Information

Position: 360 Loop: N1 Level: Detail Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Purpose: Syntax Notes: Semantic Notes: Comments:

	Ref.	Data	•	
	Des.	Element	Name	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information	O AN 1/35

N4 Geographic Location Segment:

Position: 370 Loop: N1 Level: Detail Usage: Optional

Max Use:

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

Semantic Notes:

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

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

Ref.	Data			
Des.	Element	<u>Name</u>	Attı	<u>cibutes</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 go	overn	ment agency
N403	116	Postal Code	0	ID 3/11
		Code defining international postal zone code excluding pund (zip code for United States)	ctuati	on and blank
N404	26	Country Code	0	ID 2/3
		Code identifying the country		
N405	309	Location Qualifier	\mathbf{X}	ID 1/2
		Code identifying type of location		
		AR Armed Services Location Designation		
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		

PER Administrative Communications Contact Segment:

Position: 390 Loop: N1 Level: Detail Usage: Optional

Max Use: 3

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

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:

			Data Elem	nent Summary		
Must Use	Ref. Des. PER01	Data Element 366		ne major duty or responsibility of the per	\mathbf{M}	ributes ID 2/2 r group named
			AV	Advisor		
			IC	Information Contact		
	DEDO	0.2	PP	Program Manager	0	4 N. 1 /2 E
	PER02	93	Name Free-form name		O	AN 1/35
	DEDAS	265		Jumban Qualifian	v	ID 2/2
	PER03	365	Communication N		X	ID 2/2
				ne type of communication number		
			AU	Defense Switched Network	. •	
			71.6	Department of Defense telecommunic successor of the Automatic Voice Net (AUTOVON)		s system and
			EM	Electronic Mail		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER04	364	Communication N		X	AN 1/80
			applicable	ications number including country or are	a cod	e when
	PER05	365	Communication N	_	X	ID 2/2
			Code identifying th	ne type of communication number		
			AU	Defense Switched Network		
			EM	Department of Defense telecommunical successor of the Automatic Voice Net (AUTOVON) Electronic Mail		system and
			EX	Telephone Extension		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER06	364	Communication N	•	X	AN 1/80
				ications number including country or are		
	PER07	365	Communication N	Number Qualifier	X	ID 2/2

Code identifying the type of communication number						
	AU Defense Switched Network					
			Department of Defense telecommunic successor of the Automatic Voice Ne (AUTOVON)		s system and	
		EM	Electronic Mail			
		EX	Telephone Extension			
		FX	Facsimile			
		IT	International Telephone			
		TE	Telephone			
PER08	364	Communicat	ion Number	\mathbf{X}	AN 1/80	
		Complete con applicable	nmunications number including country or ar	ea cod	le when	
PER09	443	Contact Inqu	iry Reference	O	AN 1/20	
Additional reference number or description to clarify a contact num						

Segment: SCH Line Item Schedule

Position: 405
Loop: N1
Level: Detail
Usage: Optional
Max Use: 200

Purpose: To specify the data for scheduling a specific line-item Syntax Notes: 1 If SCH03 is present, then SCH04 is required.

2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.

3 If SCH09 is present, then SCH08 is required.4 If SCH10 is present, then SCH08 is required.

Semantic Notes: 1 SCH12 is the schedule identification.

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

	Ref.	Data	Data Eleii	ient Summary		
	Des.	Element	Name		Att	<u>ributes</u>
Must Use	SCH01	380	Quantity		\mathbf{M}	R 1/15
			Numeric value of c	•		
Must Use	SCH02	355		Measurement Code	M	ID 2/2
			which a measurem	e units in which a value is being express	ea, or	manner in
				ata Element Dictionary for acceptable co	de va	lues.
Not Used	SCH03	98	Entity Identifier (Code	O	ID 2/2
			Code identifying a	n organizational entity, a physical location	on, or	an individual
Not Used	SCH04	93	Name		X	AN 1/35
			Free-form name			
Must Use	SCH05	374	Date/Time Qualifi		M	ID 3/3
			002	pe of date or time, or both date and time		
			017	Delivery Requested Estimated Delivery		
			063	Do Not Deliver After		
			064	Do Not Deliver After Do Not Deliver Before		
			077	Requested for Delivery (Week of)		
			106	Required By		
			174	Month Ending		
			358	Cycle Begin		
			550	Date on which the cycle begins		
			375	Delivery Start		
			373	The date that deliveries will begin		
			996	Required Delivery		
			,,,,	A date on which or before, ordered go	ods o	r services
				must be delivered		
Must Use	SCH06	373	Date		M	DT 6/6
			Date (YYMMDD)		_	
	SCH07	337	Time		0	TM 4/8
		4		24-hour clock time as follows: HHMM, HMMSSDD, where H = hours (00-23), N		
				conds (00-59) and DD = decimal seconds		
				llows: $D = tenths (0-9)$ and $DD = hundred$		
	SCH08	374	Date/Time Qualifi		X	ID 3/3
			Code specifying ty	pe of date or time, or both date and time		

			002	Delivery Requested			
			017	Estimated Delivery			
			063	Do Not Deliver After			
			064	Do Not Deliver Before			
			077	Requested for Delivery (Week of)			
			106	Required By			
			174	Month Ending			
			359	Cycle End			
				Date on which the cycle ends			
			376	Delivery End			
				The date that deliveries will end			
			996	Required Delivery			
				A date on which or before, ordered go must be delivered	ods o	r services	
	SCH09	373	Date		X	DT 6/6	
			Date (YYMMDD)				
	SCH10	337	Time		X	TM 4/8	
	SCH11	326	Time expressed in 24-hour clock time as follows: HHMM, or HHMMS HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes 59), S = integer seconds (00-59) and DD = decimal seconds; decimal se are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
	SCHII	320	Request Reference	or RFQ number to use to identify a partic	O	AN 1/45	
				al reference number or description which			
Not Used	SCH12	350	Assigned Identifica		0	AN 1/11	
			Alphanumeric chara	acters assigned for differentiation within	a tra	nsaction set	

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 420
Loop: N1
Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information Syntax Notes:

1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

If TD502 is present, then TD503 is required.
If TD507 is present, then TD508 is required.
If TD510 is present, then TD511 is required.

Semantic Notes: Comments:

When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Att	<u>ributes</u>
Not Used	TD501	133	Routing Sequence Code	O	ID 1/2
			Code describing the relationship of a carrier to a specific shi	ipmer	nt movement
	TD502	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used Code (67)	for Io	dentification
			Department of Defense Activity Addre (DODAAC)	ess Co	ode
	TD503	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	TD504	91	Transportation Method/Type Code	X	ID 1/2
			Code specifying the method or type of transportation for the	ship	ment
			Refer to 003050 Data Element Dictionary for acceptable co	•	
Not Used	TD505	387	Routing	X	AN 1/35
			Free-form description of the routing or requested routing for	r ship	ment, or the
		2.00	originating carrier's identity		
Not Used	TD506	368	Shipment/Order Status Code	X	ID 2/2
			Code indicating the status of an order or shipment or the dis difference between the quantity ordered and the quantity shi		
			item or transaction	ppeu	ioi a iiie
Not Used	TD507	309	Location Qualifier	0	ID 1/2
			Code identifying type of location		
Not Used	TD508	310	Location Identifier	X	AN 1/30
			Code which identifies a specific location		
Not Used	TD509	731	Transit Direction Code	O	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the trans-	it tim	e
Not Used	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			Refer to 003050 Data Element Dictionary for acceptable coo	le val	lues.

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

Position: 440
Loop: N1
Level: Detail
Usage: Optional
Max Use: 5

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

information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.

2 If TD402 is present, then TD403 is required.

Semantic Notes: Comments:

Ref.	Data			
Des.	Element	Name	Attı	<u>ributes</u>
TD401	152	Special Handling Code	\mathbf{X}	ID 2/3
		Code specifying special transportation handling instructions	S	
		Refer to 003050 Data Element Dictionary for acceptable co	de val	lues.
TD402	208	Hazardous Material Code Qualifier	X	ID 1/1
		Code which qualifies the Hazardous Material Class Code (2	209)	
		Refer to 003050 Data Element Dictionary for acceptable co	de val	lues.
TD403	209	Hazardous Material Class Code	X	AN 2/4
		Code specifying the kind of hazard for a material		
TD404	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements	and th	neir content

Segment: PKG Marking, Packaging, Loading

Position: 450
Loop: N1
Level: Detail
Usage: Optional
Max Use: 200

Purpose: To describe marking, packaging, loading, and unloading requirements

Syntax Notes: 1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.

3 If PKG05 is present, then PKG01 is required.

Semantic Notes: Comments: 1 PKG04 should be used for industry-specific packaging description codes.

1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.

2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.

3 Use PKG03 to indicate the organization that publishes the code list being referred to.

4 Special marking or tagging data can be given in PKG05 (description).

		Data l	Element Summary					
Ref.	Data							
Des.	Element	<u>Name</u>		Att X	ributes ID 1/1			
PKG01	349		Item Description Type					
			g the format of a description					
		F	Free-form					
		S	Structured (From Industry Code List)					
		X	Semi-structured (Code and Text)					
PKG02	753	Packaging Ch	aracteristic Code	O	ID 1/5			
		Code specifyir being describe	ng the marking, packaging, loading and related	d cha	racteristics			
		CD	Cleaning or Drying Procedure					
		CT	Cushioning Thickness					
		CUD	Cushioning and Dunnage					
		HM	Hazardous Material					
		IC	Intermediate Container					
		LP	Level Of Preservation					
		OPI	Optional Procedure Indicator					
		PK	Packing					
		PM	Preservation Method					
		PML	Preservation Material					
		SMK	Special Marking					
		UC	Unit Container					
		UCL	Unit Container Level					
		WM	Wrapping Material					
PKG03	559	Agency Quali	fier Code	\mathbf{X}	ID 2/2			
		Code identifyii	ng the agency assigning the code values					
		DF	Department of Defense (DoD)					
		GS	General Services Administration (GSA	4)				
			Responsible for Federal Specification					
		ZZ	Mutually Defined					
PKG04	754	Packaging De	scription Code	X	AN 1/7			
	A code from an industry code list which provides specific data about the							

	PKG05	352	marking, packaging or loading and unloading of a product Description	ot X	AN 1/80
	PKG05	352	*		
			A free-form description to clarify the related data element	its and t	heir content
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
1.01.000			Code identifying loading or unloading a shipment		

LDT Lead Time Segment: 470 Position: LDT Loop: Level: Detail Usage: Optional Max Use: Purpose: Syntax Notes: To specify lead time for availability of products and services Semantic Notes: 1 LDT04 is the effective date of lead time information. LDT02 is the quantity of unit of time periods. Comments:

	TD C	D /	Data Elem	ent Summary		
	Ref. Des.	Data Element	Name		Att	<u>ributes</u>
Must Use	LDT01	345	Lead Time Code		M	ID 2/2
mast osc	LDIVI	345	Code indicating the	time range	141	11) 2/2
			AD	From date of sample approval to first	orodu	ct shipment
			AH	From Date of Receipt of First Article	•	-
				Approval		
			AI	From Date of a Specified Event to Del	livery	
			AJ	From Date of First Delivery to Date of Delivery(ies)	î Subs	sequent
			AK	From Date Of Latest Delivery To Fina	l Del	ivery
			AM	From Date Of Previous Delivery To D SubsequentDelivery	ate O	f
			AV	From Date of Award to Date of Latest	Deliv	very
			AW	From Date of Award to Date of Earlie	st Del	livery
			AX	From Date of Award to Date of Comp	letion	l
			AY	From Date of Award to Date of Delive	ry	
			AZ	From Date of Receipt of Item to Date Item	of Ap	proval of
Must Use	LDT02	380	Quantity		\mathbf{M}	R 1/15
			Numeric value of qu	uantity		
Must Use	LDT03	344	Unit of Time Perio		\mathbf{M}	ID 2/2
			-	time period or interval		
			CY	Calendar Year		
			DA	Calendar Days		
			KK	Maximum Calendar Days		
			MO	Month		
			QY	Quarter of a Year		
			SA	Semiannual		
			WK	Weeks		
	LDT04	373	Date		O	DT 6/6
			Date (YYMMDD)			

Comments:

Segment: MAN Marks and Numbers

Position: 480
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 10

Purpose: To indicate identifying marks and numbers for shipping containers

Syntax Notes: 1 If either MAN04 or MAN05 is present, then the other is required.

2 If MAN06 is present, then MAN05 is required.

Semantic Notes: 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.

When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.

When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shippping Container code is the same on every carton that is represented in the range in MAN05/MAN06.

2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	MAN01	88	Marks and Numbers Qualifier	\mathbf{M}	ID 1/2
			Code specifying the application or source of Marks and Nur	mbers	s (87)
			L Line Item Only		
Must Use	MAN02	87	Marks and Numbers	\mathbf{M}	AN 1/45
			Marks and numbers used to identify a shipment or parts of a	a ship	ment
	MAN03	87	Marks and Numbers	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a	ship	ment
	MAN04	88	Marks and Numbers Qualifier	\mathbf{X}	ID 1/2
			Code specifying the application or source of Marks and Nur	mbers	s (87)
			L Line Item Only		
	MAN05	87	Marks and Numbers	X	AN 1/45
			Marks and numbers used to identify a shipment or parts of a	ship	ment
	MAN06	87	Marks and Numbers	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a	ship	ment

QTY Quantity Segment:

Position: LDT Loop: Detail Level: Usage: Optional

Max Use:

Purpose:

To specify quantity information

Syntax Notes: Semantic Notes: Comments:

Must Use	Ref. Des. OTY01	Data Element 673	Name Quantity Qualifier Code specifying the	type of quantity Due	Attr M	ributes ID 2/2
				The amount due to the customer		
			1K	Time Units		
				The number of time units such as 8 (ho	urs)	
			52	Number of Originals		
			K6	Drafts		
			KF.	Duplicates		
			SA	Shipments		
Must Use	QTY02	380	Quantity Numeric value of qu	antity	M	R 1/15
	QTY03	355	Unit or Basis for M	Ieasurement Code	O	ID 2/2
			which a measureme	units in which a value is being expressent has been taken ta Element Dictionary for acceptable co		

Segment: MSG Message Text

Position: 500
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1000

Purpose: Syntax Notes:

To provide a free form format that would allow the transmission of text information.

Syntax Notes: Semantic Notes:

Comments:

1 MSG02 is not related to the specific characteristics of a printer, but identifies top of

page, advance a line, etc.

	Ref.	Data			
	Des.	Element	Name	Att	ributes
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M	AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code	0	ID 2/2
			A field to be used for the control of the line feed of the rece	riving	printer

Segment:	CTT Transaction Totals
Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific elem

ment in the transaction set If either CTT03 or CTT04 is present, then the other is required. If either CTT05 or CTT06 is present, then the other is required. Syntax Notes:

Semantic Notes:

This segment is intended to provide hash totals to validate transaction completeness Comments: and correctness.

			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>	Att	<u>ributes</u>
Must Use	CTT01	354	Number of Line Items	\mathbf{M}	N0 1/6
			Total number of line items in the transaction set		
	CTT02	347	Hash Total	O	R 1/10
			Sum of values of the specified data element. All values in the summed without regard to decimal points (explicit or im Truncation will occur on the left most digits if the sum is granximum size of the hash total of the data element.	plicit)	or signs.
			Example:		
			0018 First occurrence of value being hashed18 Second obeing hashed. 1.8 Third occurrence of value being hashed. 1 occurrence of value being hashed 1855 Hash total pressess Hash total after truncation to three-digit field.	18.01	Fourth
Not Used	CTT03	81	Weight	X	R 1/10
			Numeric value of weight		
Not Used	CTT04	355	Unit or Basis for Measurement Code	X	ID 2/2
Not Osed		333	Code specifying the units in which a value is being expresse which a measurement has been taken		
Not Used	CTT05	183	Volume	X	R 1/8
			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 being expresse which a measurement has been taken	d, or	manner in
Not Used	CTT07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements	and th	eir content

Segment: SE Transaction Set Trailer

Position: 020

Loop:

Level: Summary Usage: Mandatory

Max Use:

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

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

Syntax Notes:

Semantic Notes:

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

	Ref.	Data	v		
	Des.	Element	<u>Name</u>	Att	<u>ributes</u>
Must Use	SE01	96	Number of Included Segments	\mathbf{M}	N0 1/10
			Total number of segments included in a transaction set incl	uding	ST and SE
			segments		
Must Use	SE02	329	Transaction Set Control Number	\mathbf{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		

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