



NIST Special Publication 881-68



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 004010 Transaction Set 850 Purchase Order

Implementation Convention



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- Building Materials
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- Fire Safety Engineering
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- Distributed Computing and Information Services
- Software Diagnostics and Conformance Testing

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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 Gary R. Bachula, Acting Under Secretary for Technology

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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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Functional Group ID=**PO**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Notes:

1. The term "award instrument" used in this convention includes, but is not limited to, the following terms: Agreement, Blanket Purchase Agreement, Contract, Basic Agreement, Basic Ordering Agreement, Grant, Indefinite Delivery Indefinite Quantity Contract, Purchase Order, Indefinite Delivery Definite Quantity Contract, Requirements Contract, Letter Contract, Task Order, Lease, Release, Call, and Delivery Order.

2. This transaction set is used to issue an original award instrument. If buyer initiated changes need to be made to an award instrument, use the Purchase Order Change Request - Buyer Initiated, 860 transaction set. Seller requested changes are initiated using the Purchasing Order Change Acknowledgment/Request - Seller Initiated, 865 transaction set.

3. This transaction set makes use of code lists contained in the Federal EDI Coding Manual which is available from the National Institute of Standards and technology (NIST) at URL http://snad.ncsl.nist.gov/fededi/

Must Use	Pos. <u>No.</u> 010	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. Des. M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
Must Use	020	BEG	Beginning Segment for Purchase Order	М	1		
	040	CUR	Currency	0	1		
Not Used	050	REF	Reference Identification	0	>1		
Not Used	060	PER	Administrative Communications Contact	0	3		
Not Used	070	TAX	Tax Reference	0	>1		
	080	FOB	F.O.B. Related Instructions	О	>1		
Not Used	090	СТР	Pricing Information	0	>1		
Not Used	095	PAM	Period Amount	0	10		
Not Used	110	CSH	Sales Requirements	0	5		
Not Used	115	TC2	Commodity	0	>1		
			LOOP ID - SAC			25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	0	1		
Not Used	125	CUR	Currency	0	1		
	130	1TD	Terms of Sale/Deferred Terms of Sale	0	>1		
Not Used	140	DIS	Discount Detail	Ο	20		
Not Used	145	INC	Installment Information	Ο	1		
	150	DTM	Date/Time Reference	Ο	10		
	160	LDT	Lead Time	Ο	12		
Not Used	180	LIN	Item Identification	О	5		n l
Not Used	185	S1	Service Characteristic Identification	0	>1		

Heading:

850 Purc	hase O	rder					
	190	PID	Product/Item Description	0	200		
	200	MEA	Measurements	0	40		
	210	PWK	Paperwork	Ο	25		
Not Used	220	PKG	Marking, Packaging, Loading	0	200		
Not Used	230	TDI	Carrier Details (Quantity and Weight)	0	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
Not Used	250	TD3	Carrier Details (Equipment)	0	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
Not Used	270	MAN	Marks and Numbers	0	10		
	276	РСТ	Percent Amounts	0	>1	,	
	280	CTB	Restrictions/Conditions	0	5		
	285	TXI	Tax Information	0	>1		
			LOOP 1D - AMT			>1	
	287	AMT	Monetary Amount	0	Ι		
	289	REF	Reference Identification	0	>1		
Not Used	290	DTM	Date/Time Reference	0	1		
Not Used	292	PCT	Percent Amounts	О	>1		
			LOOP ID - FAI			I<	
	293	FAI	Type of Financial Accounting Data	0	Ι		
Must Use	294	FA2	Accounting Data	М	I<		
			LOOP ID - N9			1000	
	205	NO		0		1000	
	295	N9	Reference Identification	0			
	297	DTM	Date/Time Reference	0	I<		
	300	MSG	Message Text	0	1000		
			LOOP ID - NI			200	
Must Use	310	NI	LOOP ID - NI Name	0	1	200	
Must Use Not Rec	310 320	NI N2		0 0	l 2	200	
			Name		1 2 2	200	
Not Rec	320	N2	Name Additional Name Information	0		200	
Not Rec	320 330	N2 N3	Name Additional Name Information Address Information	0 0	2	200	
Not Rec Not Rec	320 330 340	N2 N3 N4	Name Additional Name Information Address Information Geographic Location	0 0 0	2 >1	200	
Not Rec Not Rec	320 330 340 345	N2 N3 N4 NX2	Name Additional Name Information Address Information Geographic Location Location ID Component	0 0 0 0	2 >1 >1	200	
Not Rec Not Rec	320 330 340 345 350	N2 N3 N4 NX2 REF	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification	0 0 0 0 0	2 >1 >1 12	200	
Not Rec Not Rec Not Used	320 330 340 345 350 360	N2 N3 N4 NX2 REF PER	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact	0 0 0 0 0 0	2 >1 >1 12 >1	200	
Not Rec Not Rec Not Used Not Used	320 330 340 345 350 360 365	N2 N3 N4 NX2 REF PER SI	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification	0 0 0 0 0 0 0	2 >1 >1 12 >1 >1	200	
Not Rec Not Rec Not Used Not Used Not Used	320 330 340 345 350 360 365 370	N2 N3 N4 NX2 REF PER SI FOB	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit	0 0 0 0 0 0 0 0	2 >1 12 >1 >1 >1	200	
Not Rec Not Rec Not Used Not Used Not Used	320 330 340 345 350 360 365 370 380	N2 N3 N4 NX2 REF PER SI FOB TDI	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight)	0 0 0 0 0 0 0 0 0	2 >1 12 >1 >1 1 2	200	
Not Rec Not Rec Not Used Not Used Not Used Not Used	320 330 340 345 350 360 365 370 380 390	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5	 Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) 		2 >1 12 >1 >1 1 2 12	200	
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4	 Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) 		2 >1 >1 12 >1 >1 1 2 12 12 5	200	
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used	320 330 340 345 350 360 365 370 380 390 400	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading		2 >1 >1 12 >1 >1 1 2 12		
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading		2 >1 >1 12 >1 >1 1 2 12 12 5	200	
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 430 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading		2 >1 >1 12 >1 >1 1 2 12 12 5 200		
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading		2 >1 >1 12 >1 >1 1 2 12 12 5		
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 430 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading		2 >1 >1 12 >1 >1 1 2 12 12 5 200		
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 430 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading LOOP ID - LM Code Source Information Industry Code		2 >1 >1 12 >1 >1 1 2 12 12 5 200	>1	
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 430 440 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG LM LQ	NameAdditional Name InformationAddress InformationGeographic LocationLocation ID ComponentReference IdentificationAdministrative Communications ContactService Characteristic IdentificationF.O.B. Related InstructionsCarrier Details (Quantity and Weight)Carrier Details (Routing Sequence/Transit Time)Carrier Details (Equipment)Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, LoadingLOOP ID - LMCode Source InformationIndustry CodeLOOP ID - SPI	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 >1 >1 12 >1 >1 1 2 12 12 5 200	>1	
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 430 440 450 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG LM LQ	NameAdditional Name InformationAddress InformationGeographic LocationLocation ID ComponentReference IdentificationAdministrative Communications ContactService Characteristic IdentificationF.O.B. Related InstructionsCarrier Details (Quantity and Weight)Carrier Details (Routing Sequence/Transit Time)Carrier Details (Equipment)Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, LoadingLOOP ID - LMCode Source Information Industry CodeLOOP ID - SPI Specification Identifier	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$2 > 1 > 1 \\ > 1 \\ 12 > 1 \\ > 1 \\ 1 \\ 2 \\ 12 \\ 12 \\ 5 \\ 200 \\ 1 \\ > 1 \\ 1$	>1	
Not Rec Not Rec Not Used Not Used Not Used Not Used Not Used Not Used Not Used	 320 330 340 345 350 360 365 370 380 390 400 410 420 430 440 450 460 	N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG LM LQ	NameAdditional Name InformationAddress InformationGeographic LocationLocation ID ComponentReference IdentificationAdministrative Communications ContactService Characteristic IdentificationF.O.B. Related InstructionsCarrier Details (Quantity and Weight)Carrier Details (Routing Sequence/Transit Time)Carrier Details (Equipment)Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, LoadingLOOP ID - LMCode Source InformationIndustry CodeLOOP ID - SPISpecification IdentifierReference Identification	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 >1 >1 12 >1 >1 1 2 12 12 12 5 200 1 >1 >1	>1	

850 Purc	nase O	rder				
			LOOP ID - N1			20
	49 0	NI	Name	0	1	
Not Rec	500	N2	Additional Name Information	Ο	2	
Not Rec	510	N3	Address Information	0	2	
Not Rec	520	N4	Geographic Location	0	1	
Not Used	530	REF	Reference Identification	0	20	
	540	G61	Contact	0	I	
Not Rec	550	MSG	Message Text	0	50	
			LOOP ID - CB1			>1
	560	CBI	Contract and Cost Accounting Standards Data	0	I	
	5 7 0	REF	Reference Identification	0	20	
	580	DTM	Date/Time Reference	0	5	
	590	LDT	Lead Time	0	I	
	600	MSG	Message Text	0	50	
			LOOP ID - ADV	4		>[
Not Used	610	ADV	Advertising Demographic Information	0	I	
Not Used	620	DTM	Date/Time Reference	0	1<	
Not Used	630	MTX	Text	0	I<	

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - POI			100000	
Must Use	010	PO1	Baseline Item Data	М	1		n2
	015	LIN	Item Identification	Ο	>1		
Not Used	018	S1	Service Characteristic Identification	0	>1		
Not Used	020	CUR	Currency	0	1		
	025	CNI	Contract Information	О	1		
	030	PO3	Additional Item Detail	0	25		
			LOOP ID - CTP			>1	
	040	СТР	Pricing Information	Ο	1		
Not Used	043	CUR	Currency	Ο	1		
Not Used	045	PAM	Period Amount	0	10		
	049	MEA	Measurements	0	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	0	1		
Not Used	060	MEA	Measurements	Ο	10		
	070	PWK	Paperwork	0	25		
	090	PO4	Item Physical Details	0	>1		
Not Used	100	REF	Reference Identification	О	>1		
	110	PER	Administrative Communications Contact	0	3		
			LOOP ID - SAC			25	
	130	SAC	Service, Promotion, Allowance, or Charge Information	Ο	1		
Not Used	135	CUR	Currency	0	1		
Not Used	137	CTP	Pricing Information	0	1		
Not Used	140	1T8	Conditions of Sale	0	1		
	142	CSH	Sales Requirements	Ο	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	Ο	2		

		Discount Datail	0	20			
250		Time)	0				
		Carrier Details (Equipment)					
270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	О	5			
276	PCT	Percent Amounts	О	>1			
280	MAN	Marks and Numbers	О	10			
289	MSG	Message Text	Ο	>1			
290	SPI	Specification Identifier	Ο	>1			
291	TXI	Tax Information	0	>1			
292	CTB	Restrictions/Conditions	Ο	>1			
		LOOP ID - QTY			>1		
293	QTY	Quantity	Ο	1			
294	SI	Service Characteristic Identification	Ο	>1			
		LOOP ID - SCH			200		
295	SCH	Line Item Schedule	Ο	1		n3	
296	TD1	Carrier Details (Quantity and Weight)	0	2			
297	TD5	Carrier Details (Routing Sequence/Transit Time)	Ο	12			
298	TD3	Carrier Details (Equipment)	Ο	12			
299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	Ο	5			
300	REF	Reference Identification	0	>1			
		LOOP ID - PKG		······································	200		
305	PKG	Marking, Packaging, Loading	0	1			
310	MEA	Measurements	0	>1			
320	LS	Loop Header	Ο	1			
		LOOP ID - LDT			1<		
321	LDT	Lead Time	0	1			
322	QTY	Quantity	0	>1			
323	MSG	Message Text	0	1			
324	REF	Reference Identification	0	3			
		LOOP ID - LM			>1		
325	LM	Code Source Information	О	1			
326	LQ	Industry Code	М	>1			
327	LE	Loop Trailer	0	1			
		LOOP ID - N9	·		1000		
330	N 9	Reference Identification	0	1			
332	DTM	Date/Time Reference	0	>1			
335	MEA	Measurements	0	40			
	160165170180190200210235240250260270289290291292293294295296297298299300305310320321322323324325326327330	165NNC170TAX180FOB190SDQ200IT3210DTM235TC2240TD1250TD3270TD4289MSG290SPI291TXI292CTB293QTY294SI295SCH296TD3297TD4300REF301PKG310LDT322QTY323MSG324REF330N9	160DISDiscount Detail165INCInstallment Information170TAXTax Reference180FOBF.O.B. Related Instructions190SDQDestination Quantity200IT3Additional Item Data210DTMDate/Time Reference235TC2Commodity240TD1Carrier Details (Quantity and Weight)250TD5Carrier Details (Routing Sequence/Transit Time)260TD3Carrier Details (Special Handling, or Hazardous Materials, or Both)276PCTPercent Amounts280MANMarks and Numbers280MANMarks and Numbers280MSGMessage Text290SPISpecification Identifier291TX1Tax Information292CTBRestrictions/Conditions100P ID - QTY293QTY293QTYQuantity294SIService Characteristic Identification295SCHLine Item Schedule296TD1Carrier Details (Quantity and Weight)297TD5Carrier Details (Routing Sequence/Transit Time)298TD3Carrier Details (Routing Sequence/Transit Time)298TD3Carrier Details (Routing Sequence/Transit Time)299TD4Carrier Details (Special Handling, or Hazardous Materials, or Both)300REFReference Identification201LOP ID - LDT321LOPLOOP ID - LDT	160 DIS Discount Detail 0 165 INC Installment Information 0 170 TAX Tax Reference 0 180 FOB F.O.B. Related Instructions 0 190 SDQ Destination Quantity 0 200 IT3 Additional Item Data 0 210 DTM Date/Time Reference 0 235 TC2 Commodity 0 240 TD1 Carrier Details (Quantity and Weight) 0 250 TD5 Carrier Details (Equipment) 0 260 TD3 Carrier Details (Special Handling, or Hazardous Materials, or Both) 0 276 PCT Percent Amounts 0 289 MSG Message Text 0 290 SPI Specification Identifier 0 291 TXI Tax Information 0 292 CTB Restretions/Conditions 0 293 QTY Quantity 0 294 SI Service Characteristic Identification 0 295 SCH Line Item Schedule 0 296 TD3 Carrier Details (Quantity and Weight) 0 297 </td <td>160DISDiscount Detail020165INCInstallment Information01170TAXTax Reference0>1180FO.B. Related Instructions05200IT3Additional Item Data05210DTMDat/Time Reference010235TC2Commodity and Weight)01240TD1Carrier Details (Quantity and Weight)012250TD5Carrier Details (Equipment)012270TD4Carrier Details (Special Handling, or Hazardous Materials, or Both)021280MANMarks and Numbers021290SP1Specification Identifier021290SP1Specification Identifier021291TXITax Information021292CTBRestrictions/Conditions021293QTYQuantity01294S1Service Characteristic Identification021295SCHLine Item Schoulty and Weight)012296TD1Carrier Details (Quantity and Weight)012297TD5Carrier Details (Quantity and Weight)012298TD3Carrier Details (Quantity and Weight)012299TD4Carrier Details (Quantity and Weight)012299TD4Carrier Details (Quantity and Weight)<td>160 DIS Discourt Detail 0 20 165 INC Installment Information 0 1 170 TAX Tax Reference 0 >1 180 FOB F.O.B. 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Related Instructions0500200IT3Additional lem Data05210DTMDateTime Reference010235TC2Commotity0>1240TD1Carrier Details (Quantity and Weight)012270TD4Carrier Details (Routing Sequence/Transit012270TD4Carrier Details (Special Handling, or Hazardous Materials, or Both)0>1280MANMarks and Numbers001291TXITax Information0>1100292CIDOP ID - QTY>1200293QTYQuantity01n3294SIService Characteristic identification0>1295TD5Garrier Details (Routing Sequence/Transit012296TD1Carrier Details (Routing Sequence/Transit01297TXITax Information0>1298SCHLine Item Schedule01n3299TD4Carrier Details (Routing Sequence/Transit012299TD5Garrier Details (Routing Sequence/Transit012299TD4<td< td=""></td<></td></td>	160DISDiscount Detail020165INCInstallment Information01170TAXTax Reference0>1180FO.B. Related Instructions05200IT3Additional Item Data05210DTMDat/Time Reference010235TC2Commodity and Weight)01240TD1Carrier Details (Quantity and Weight)012250TD5Carrier Details (Equipment)012270TD4Carrier Details (Special Handling, or Hazardous Materials, or Both)021280MANMarks and Numbers021290SP1Specification Identifier021290SP1Specification Identifier021291TXITax Information021292CTBRestrictions/Conditions021293QTYQuantity01294S1Service Characteristic Identification021295SCHLine Item Schoulty and Weight)012296TD1Carrier Details (Quantity and Weight)012297TD5Carrier Details (Quantity and Weight)012298TD3Carrier Details (Quantity and Weight)012299TD4Carrier Details (Quantity and Weight)012299TD4Carrier Details (Quantity and Weight) <td>160 DIS Discourt Detail 0 20 165 INC Installment Information 0 1 170 TAX Tax Reference 0 >1 180 FOB F.O.B. Related Instructions 0 500 200 IT3 Additional Item Data 0 500 210 DTM Dar/Time Reference 0 10 210 DTM Dar/Time Reference 0 10 210 DTM Dar/Time Reference 0 12 210 DTM Dar/Time Reference 0 12 210 DTM Dar/Time Reference 0 12 210 DTM Carrier Details (Requipment) 0 12 210 TD4 Carrier Details (Requipment) 0 12 210 TD4 Carrier Details (Special Handling, or Handlin</td> <td>160DISDiscount Detail020163NCInstallment Information01164INCInstallment Information0>1170TAXTAX Reference0>1180FOBF.O.B. Related Instructions0500200IT3Additional lem Data05210DTMDateTime Reference010235TC2Commotity0>1240TD1Carrier Details (Quantity and Weight)012270TD4Carrier Details (Routing Sequence/Transit012270TD4Carrier Details (Special Handling, or Hazardous Materials, or Both)0>1280MANMarks and Numbers001291TXITax Information0>1100292CIDOP ID - QTY>1200293QTYQuantity01n3294SIService Characteristic identification0>1295TD5Garrier Details (Routing Sequence/Transit012296TD1Carrier Details (Routing Sequence/Transit01297TXITax Information0>1298SCHLine Item Schedule01n3299TD4Carrier Details (Routing Sequence/Transit012299TD5Garrier Details (Routing Sequence/Transit012299TD4<td< td=""></td<></td>	160 DIS Discourt Detail 0 20 165 INC Installment Information 0 1 170 TAX Tax Reference 0 >1 180 FOB F.O.B. Related Instructions 0 500 200 IT3 Additional Item Data 0 500 210 DTM Dar/Time Reference 0 10 210 DTM Dar/Time Reference 0 10 210 DTM Dar/Time Reference 0 12 210 DTM Dar/Time Reference 0 12 210 DTM Dar/Time Reference 0 12 210 DTM Carrier Details (Requipment) 0 12 210 TD4 Carrier Details (Requipment) 0 12 210 TD4 Carrier Details (Special Handling, or Handlin	160DISDiscount Detail020163NCInstallment Information01164INCInstallment Information0>1170TAXTAX Reference0>1180FOBF.O.B. 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ase Or	der					
350	N1	Name	0	1		
360	N2	Additional Name Information	0	2		
370	N3	Address Information	0	2		
380	N4	Geographic Location	0	1		
383	QTY	Quantity	0	>1		
385	NX2	Location 1D Component	0	>1		
390	REF	Reference Identification	0	12		
400	PER	Administrative Communications Contact	0	3		
405	SI	Service Characteristic Identification	0	>1		
406	DTM	Date/Time Reference	0	1		
410	FOB	F.O.B. Related Instructions	0	1		
415	SCH	Line Item Schedule	0	200		
420	TD1	Carrier Details (Quantity and Weight)	0	2		
				12		
		Time)				
450	TD4		0	5		
460	PKG	Marking, Packaging, Loading	0	200		
		LOOP ID - LDT			>1	
462	LDT	Lead Time	0	1		
464	MAN	Marks and Numbers	0	10		
466	QTY	Quantity	0	5		
468	MSG		0	1		
469	REF	Reference Identification		3		
					1000	
470	CLAT		0		1000	
				1		
			0	>1		
513	ADV		О	>1		
515	DTM	Date/Time Reference	0	10		
516	СТР	Pricing Information	0	25		
517	PAM	Period Amount	0	10		
518	PO4	Item Physical Details	Ο	1		
519	TAX	Tax Reference	О	3		
		LOOP ID - N9			>1	
523	N9	Reference Identification	0	1		
524	DTM	Date/Time Reference	0	>1		
525	MSG	Message Text	0	>1		
		LOOP ID - SAC			25	
526	SAC		0	1	25	
		Information		1		
527	CUR	Currency	О	I		
	CTP	Pricing Information	0	1		
528						
528		LOOP ID - QTY			>1	
528 529	QTY	LOOP ID - QTY Quantity	0	1	>1	
	QTY Si		0 0	1 >1	>1	
	370 380 383 385 390 400 405 406 410 415 420 430 440 450 460 462 464 465 460 462 464 465 500 5013 515 516 517 518 519 523 524	370 N3 380 N4 383 QTY 385 NX2 390 REF 400 PER 405 SI 406 DTM 410 FOB 415 SCH 420 TD1 430 TD3 450 TD4 460 PKG 462 LDT 463 MSG 464 MAN 465 QTY 468 MSG 470 SLN 470 SLN 475 MSG 480 SI 490 PID 505 TC2 513 ADV 515 DTM 516 CTP 517 PAM 518 PO4 519 TAX 523 N9 524 DTM 525 MSG	370N3Address Information380N4Geographic Location383QTYQuantity385NX2Location ID Component390REFReference Identification400PERAdministrative Communications Contact405SIService Characteristic Identification406DTMDate/Time Reference410FOBF.O.B. Related Instructions415SCHLine Item Schedule420TDICarrier Details (Routing Sequence/Transit Time)430TD5Carrier Details (Routing Sequence/Transit Time)440TD3Carrier Details (Special Handling, or Hazardous Materials, or Both)450TD4Lead Time460PKGMarking, Packaging, Loading461MANMarks and Numbers462LDTLead Time463MSGMessage Text466QTYQuantity468MSGMessage Text469REFReference Identification470SLNSubline Item Detail475MSGMessage Text480SIService Characteristic Identification490PIDProduct/Item Description501PC2Commodity513ADVAddrentisn Demographic Information515DTMDate/Time Reference516CTPPricing Information517PAMPeriod Amount518PO4Item Physical Details519 </td <td>370 N3 Address Information O 380 N4 Geographic Location O 383 QTY Quantity O 385 NX2 Location ID Component O 390 REF Reference Identification O 400 PER Administrative Communications Contact O 405 SI Service Characteristic Identification O 406 DTM Date/Time Reference O 406 DTM Date/Time Reference O 410 FOB F.O.B. Related Instructions O 410 TD3 Carrier Details (Quantity and Weight) O 430 TD5 Carrier Details (Routing Sequence/Transit O O 440 TD3 Carrier Details (Special Handling, or Hazardous Materials, or Both) O 450 TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both) O 461 MAN Marks and Numbers O 462 LDT Lead Time O 463 MSG Message Text O 464 MAN Marking Packaging Loading O 470 SLN Subline Item Detail O 470 SLN<td>370N3Address InformationO2380N4Geographic LocationO1383QTYQuantityO>1385NX2Location ID ComponentO>1390REFReference IdentificationO12400PERAdministrative Communications ContactO3405SIService Characteristic IdentificationO>1406DTMDate/Time ReferenceO1410FOBF.O.B. 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Related Instructions O 410 TD3 Carrier Details (Quantity and Weight) O 430 TD5 Carrier Details (Routing Sequence/Transit O O 440 TD3 Carrier Details (Special Handling, or Hazardous Materials, or Both) O 450 TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both) O 461 MAN Marks and Numbers O 462 LDT Lead Time O 463 MSG Message Text O 464 MAN Marking Packaging Loading O 470 SLN Subline Item Detail O 470 SLN <td>370N3Address InformationO2380N4Geographic LocationO1383QTYQuantityO>1385NX2Location ID ComponentO>1390REFReference IdentificationO12400PERAdministrative Communications ContactO3405SIService Characteristic IdentificationO>1406DTMDate/Time ReferenceO1410FOBF.O.B. Related InstructionsO1411SCHLine Item ScheduleO200420TD5Carrier Details (Quantity and Weight)O2430TD5Carrier Details (Quantity and Weight)O12430TD3Carrier Details (Guantity actuality or D5440Hazardous Materials, or Both)O10450TD4Carrier Details (Special Handling, or Hazardous Materials, or Both)O1461MANMarks and NumbersO10462LDTLead TimeO1464MANMarks and NumbersO10465MSGMessage TextO1466QTYQuantityOS468MSGMessage TextO1470SLNSubline Item DetailO1471MSGMessage TextO1472CommodityO>1473<</td> <td>370N3Address InformationO2380N4Geographic LocationOI383QTYQuantityO>I383NX2Location ID ComponentOII390REFReference IdentificationO12400PERAdministrative Communications ContactO3405S1Service Characteristic IdentificationO>I406DTMDate/Time ReferenceO14115SCHLine Item ScheduleO200420TD1Carrier Details (Quantity and Weight)O2430TD5Carrier Details (Quantity and Weight)O12440TD3Carrier Details (Routing Sequence/TransitO12440TD3Carrier Details (Quantity and Weight)O20440TD3Carrier Details (Special Handing, or Harardous Materials, or Both)O20440TD4Carrier Details (Special Handing, or Harardous Materials, or Both)O10451MAKing, Packaging, LoadingO2010462LD7Lead TimeO1100463MS6Massage TextO110464MANMarks and NumbersO101475MSGMessage TextO31476SLNSubline Item DetailO11477MSGMessage TextO31</td>	370N3Address InformationO2380N4Geographic LocationO1383QTYQuantityO>1385NX2Location ID ComponentO>1390REFReference IdentificationO12400PERAdministrative Communications ContactO3405SIService Characteristic IdentificationO>1406DTMDate/Time ReferenceO1410FOBF.O.B. 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850 Purc	hase O	rder					
Not Used	535	N1	Name	0	1		
Not Used	540	N2	Additional Name Information O 2				
Not Used	550	N3	Address Information	0	2		
Not Used	560	N4	Geographic Location	0	1		
Not Used	570	NX2	Location 1D Component	0	>1		
Not Used	580	REF	Reference Identification	0	12		
Not Used	590	PER	Administrative Communications Contact	0	3		
Not Used	595	S1	Service Characteristic Identification	0	>1		
			LOOP ID - AMT			>1	
	600	AMT	Monetary Amount	0	1		
	610	REF	Reference Identification	0	1		
Not Used	612	PCT	Percent Amounts	0	>1		
			LOOP ID - LM		·····	>1	
	620	LM	Code Source Information	0	1		
Must Use	630	LQ	Industry Code	М	>1		

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u> LOOP ID - CTT	Req. Des.	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and Comments	7
	010	CTT	Transaction Totals	0	1		n4	
	020	AMT	Monetary Amount	0	1		n5	
Must Use	030	SE	Transaction Set Trailer	М	1			

Transaction Set Notes

- 1. If segment LIN is used, do not use LIN01.
- 2. PO102 is required.
- 3. 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.
- 4. 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.
- 5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment:	ST Transaction Set Header
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) 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:

Data Element Summary

Must Use	Ref. <u>Des.</u> ST01	Data <u>Element</u> 143	<u>Name</u> Transaction Set Identifier Code Code uniquely identifying a Transaction Set	Attributes M ID 3/3
			850 Purchase Order	
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within functional group assigned by the originator for a transa <i>This unique control number is assigned by the origin</i> <i>set or by the originator's application program. This r</i> <i>SE02.</i>	action set ator of the transaction

Segment:	BEG Beginning Segment for Purchase Order
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	1 BEG05 is the date assigned by the purchaser to purchase order.
Comments:	

Data Element Summary Ref. Data Attributes Element Des. Name Must Use BEG01 353 **Transaction Set Purpose Code** M ID 2/2 Code identifying purpose of transaction set Use to identify the purpose of the transaction set. 00 Original Use to indicate an original award instrument. When this code is used, changes to the award instrument can be only made with a Purchase Order Change Request - Buyer Initiated, 860 transaction set. 07 Duplicate Use to indicate a re-transmission of an original 850 transaction set. 24 Draft Use to indicate a draft award instrument (850 transaction set) is being sent to the selling party. Must Use **BEG02** 92 **Purchase Order Type Code** M ID 2/2 Code specifying the type of Purchase Order Use to identify the type of award instrument represented by this transaction set. BL Bailment KA Agreement Use to indicate cooperative agreements and other agreements.

ŀ	KB	Blanket Purchase Agreement
ŀ	КС	A charge account established with qualified sources of supply to satisfy repetitive requirements Contract
ŀ	٢D	A legally binding document wherein one party agrees to provide supplies or services and another party agrees to provide compensation for the supplies or services Basic Agreement
ł	ΚE	A written instrument of understanding that contemplates separate future contracts Basic Ordering Agreement
		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
k	ΚG	Grant
k	KI (I	Indefinite Delivery Indefinite Quantity
		A contract that provides for a minimum quantity and an

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850 Purchas	e Order			
			KN	indefinite maximum quantity within stated limits Purchase Order
			KP	Procurement instrument within the small purchasing threshold Authority to Proceed
			KI	An authorization that permits the selling party to incur costs for the eventual delivery of supplies or services prior to the formal execution of a contract
			KO	Use to indicate that the award for assistance is a loan.
			KQ	Indefinite Delivery Definite Quantity
			WD	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
	-			Use to indicate a lease agreement as the type of award instrument. When an equipment rental is awarded pursuant to another type of instrument (purchase order, delivery order, contract, etc.), use the appropriate listed code in this data element and use
	,		זמ	code ER in BEG10.
			RL	Release or Delivery Order
				An order for goods and services placed against a pre- existing contract or blanket order
			ZZ	Use to indicate a release, call or delivery order against existing contracts. Mutually Defined
				Use to indicate that the award for assistance is provided through Formula Funds.
Must Use	BEG03	324	Purchase Order Identifying numb	Number M AN 1/22 per for Purchase Order assigned by the orderer/purchaser Image: Content of the orderer/purchase
			Supply Schedule other basic contr Lease or Agreem Identification Nu equivalent expre- delivery order, cu	ase order number, contract number (including Federal s, General Services Administration (GSA) Schedules and all eacts), Blanket Purchase Agreement (BPA) number, Grant, nent number. This is always the Procurement Instrument umber (PIIN) for the Department of Defense (DOD) or the ssion for Civilian Agencies. This is never the number of a all or release against a basic award instrument. That d in BEG04. This number shall be transmitted without
	BEG04	328	Release Number	· O AN 1/30
			Number identifyi the parties involv	ng a release against a Purchase Order previously placed by red in the transaction
			instrument. This Identification Nu Civilian Agencie	er of a release, call or delivery order against a basic award is is always the Supplemental Procurement Instrument umber (SPIIN) for DOD or the equivalent expression for s. This number shall be transmitted without dashes.
Must Use	BEG05	373	Date	M DT 8/8
			Date expressed as	
			BEG04 contain a identified in BEG	active date of the award instrument. If both BEG03 and a number, enter the date of the delivery order, call or release G04. If BEG04 does not contain a number, enter the date of ment identified in BEG03.

850 Purchas	se Order				
050 Turena.	,		2. If the signatu	re date is different from the effective date, the signature da	ite
				in 1/DTM/150, citing code 467 in DTM01.	
	BEG06	367	Contract Numb		
			Contract number		
•			for an 8a set-asi	the Small Business Administration (SBA) contract number de. The SBA office issuing this contract is cited in the nt by use of code 90 in N101.	
	BEG07	587	Acknowledgmer	• •	
		•••	•	the type of acknowledgment	
			1	ts are made using the Purchase Order Acknowledgment, 8	155
			transaction set.	as are made asing the 1 menuse of aer freme meaginerity o	
			AC	Acknowledge - With Detail and Change	
				Use to indicate acknowledgment of this 850	
				transaction set is required using the available	
				segments in the 855 transaction set and re- transmitting the same data in corresponding segments	
				in the 850 transaction set. Changes are permitted.	
			AD	Acknowledge - With Detail, No Change	
				Use to indicate acknowledgment of this 850	
				transaction set is required using the available	
				segments in the 855 transaction set and re-	
				transmitting the same data in corresponding segments in the 850 transaction set without change.	
			AK	Acknowledge - No Detail or Change	
				Use to indicate acknowledgment of this 850	
				transaction set is required using only the mandatory	
				segments in the 855 transaction set.	
			AT	Accepted	
				Use to indicate that acceptance or rejection of this 850 transaction set is required using only the mandatory segments in the 855 transaction set.)
	BEG08	1019	Invoice Type Co	-	
			• •	e method by which invoices are to be processed	
			IBM	Invoice By Mail	
				Includes facsimile.	
			IEL	Invoice Electronically	
				Use to indicate that an invoice must be submitted	
				using an 810 transaction set.	
			INR	Invoice Not Required (Such As Evaluated Receipts	
Rec	BEG09	1166	Contract Type C	Settlements) Code O ID 2/2	
	-2007		Code identifying		
			Use to identify the instrument. If the identify the prede data element and segment of the 2/ the 2/CN1/025 set	e type of pricing arrangement applicable to the award ere are line items that have a different pricing arrangement ominant pricing arrangement, based on dollar value, in this specify the line item pricing arrangement in the 2/CN1/02 (PO1/010 loop applicable to that line item. Both BEG09 and ogment may be used in this transaction set.	is 25
			CA	Cost Plus Incentive Fee (With Performance Incentives)	
			CH	Cost Sharing	
			CS	Cost	
			CW	Cost Plus Award Fee	
			CX	Cost Plus Fixed Fee	
			CY	Cost Plus Incentive Fee	
			FB	Fixed Price Incentive Firm Target (With Performance Incentive)	

850 Purchas	e Order			
			FC	Fixed Price Incentive Firm Target (Without
			FD	Performance Incentive)
			FD	Fixed Price Redetermination
				Use to indicate a prospective fixed price redetermination award instrument.
			FF	Fixed Price Incentive Successive Target (With
			11	Performance Incentive)
			FG	Fixed Price Incentive Successive Target (Without
				Performance Incentive)
			FH	Fixed Price Award Fee
			FJ	Fixed Price Level of Effort
			FK	No Cost
			FM	Retroactive Fixed Price Redetermination
			FR	Firm Fixed Price
			FX	Fixed Price with Economic Price Adjustment
			LH	Labor Hours
			TM	Time and Materials
Rec	BEG10	1232	Purchase Catego	
Rec	DEGIO	1202	•	the broad category of products or services being acquired
				the category of this award instrument.
			AE	Architect and Engineering
			CN	Construction
			DR	Demolish, Dismantle or Replace
			ER	Equipment Rental
			IR	Inspect and Repair as Necessary
			MD	Modification
			OV	Overhaul
			RD	Research and Development
			DE	Use also includes traineeships and fellowships.
			RE	Repair
			SB	Shipbuilding
			SP	Supplies
			SU	Subsistence
			SV	Services
			TE	Test and Evaluation
			UT	Utilities
	BEG11	786	Security Level C	Code O ID 2/2
			Code indicating t information follo	he level of confidentiality assigned by the sender to the wing
				e highest Government security classification applicable to
			-	contained within this award instrument. Do not use this
				ation for information passed external to this transaction set.
			92	Government Confidential
			93	Government Secret
			94	Government Top Secret
	BEG12	640	Transaction Typ	
	,		Code specifying t	the type of transaction
			34	Emergency Request
				Use to indicate that the award is an emergency action requesting expedited processing by the selling party.

:	Segment:	CUR Curr	ency					
	Position:	040						
	Loop:							
	Level:	Heading						
	Usage:	Optional						
I	Max Use:	1						
	Purpose:	To specify the cu	rrency (dollars, pounds, francs, etc.) used in	a transaction				
	ax Notes:		present, then CUR07 is required.					
·			present, then CUR07 is required.					
			present, then at least one of CUR11 or CUR	12 is required.				
			present, then CUR10 is required.	1				
			present, then CUR10 is required.					
			present, then at least one of CUR14 or CUR	15 is required.				
			present, then CUR13 is required.	1				
		8 If CUR15 is present, then CUR13 is required.						
			present, then at least one of CUR17 or CUR	18 is required.				
			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 CUR	21 is required.				
		13 If CUR20 is	present, then CUR19 is required.					
		14 If CUR21 is	present, then CUR19 is required.					
Semant	tic Notes:							
Co	mments:	1 See Figures A	Appendix for examples detailing the use of t	he CUR segment.				
	Notes:	•	n the award instrument is issued in a foreig made in a foreign currency.	n currency or when				
			rd instrument is issued in a foreign curren tween US dollars and the foreign currency ion purposes.					
		-	Data Element Summary					
	Ref.	Data						
	Des.	Element Name		<u>Attributes</u>				
Must Use	CUR01	•	Identifier Code	M ID 2/3				
		Code ic individ	lentifying an organizational entity, a physica ual	al location, property or an				
		BY	Buying Party (Purchaser)					

			individual	g an organizational entity, a physical location, property or an		
			BY	Buying Party (Purchaser)		
			PR	<i>Use to indicate the currency identified in CUR02 is the currency in which the award instrument is issued.</i> Payer		
				Use to indicate the currency identified in CUR02 is the currency in which payment is authorized and will be made.		
Must Use	CUR02	100	Currency Code	M ID 3/3		
			Code (Standard]	le (Standard ISO) for country in whose currency the charges are specified		
			Use to identify the currency applicable to the code cited in CUR01.			
	CUR03	280	Exchange Rate	O R 4/10		
			Value to be used from one current	as a multiplier conversion factor to convert monetary value cy to another		
			When CUR01 is	code BY, use to identify the exchange rate between US currency in which the award is issued. Use only for financial		
	CUR04	98	Entity Identifier			
			Code identifying individual	an organizational entity, a physical location, property or an		
			PR	Payer		
				Use to indicate the currency identified in CUR05 is the currency in which payment is authorized and will be		

850 Purchas	se Order		made.		
	CUR05	100	Currency Code	0	ID 3/3
			Code (Standard ISO) for country in whose currency the charg	es ai	
			Use to identify the currency in which payment is authorized made.		•
Not Used	CUR06	669	Currency Market/Exchange Code Code identifying the market upon which the currency exchange	O ge ra	ID 3/3 te is based
Not Used	CUR07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR08	373	Date Date expressed as CCYYMMDD	0	DT 8/8
Not Used	CUR09	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = 59), S = integer seconds (00-59) and DD = decimal seconds; of are expressed as follows: D = tenths (0-9) and DD = hundredt	= mi decir	nutes (00- nal seconds
Not Used	CUR10	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 expressed as CCYYMMDD	X	DT 8/8
Not Used	CUR12	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = 59), S = integer seconds (00-59) and DD = decimal seconds; of are expressed as follows: D = tenths (0-9) and DD = hundredt	= mi decir	nutes (00- nal 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 expressed as CCYYMMDD	X	DT 8/8
Not Used	CUR15	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = 59), S = integer seconds (00-59) and DD = decimal seconds; of are expressed as follows: D = tenths (0-9) and DD = hundredt	= mi decir	nutes (00- nal 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 expressed as CCYYMMDD	X	DT 8/8
Not Used	CUR18	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = 59), S = integer seconds (00-59) and DD = decimal seconds; of are expressed as follows: D = tenths (0-9) and DD = hundredt	= mi decir	nutes (00- nal seconds
Not Used	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time		ID 3/3
Not Used	CUR20	373	Date Date expressed as CCYYMMDD	X	DT 8/8
Not Used	CUR21	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = 59), S = integer seconds (00-59) and DD = decimal seconds; of are expressed as follows: D = tenths (0-9) and DD = hundredt	= min decin	nutes (00- nal seconds

Segment:	FOB F.O.B. Related Instructions
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
Syntax notes.	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	1 FOB01 indicates which party will pay the carrier.
Semancie Roles.	 2 FOB02 is the code specifying transportation responsibility location.
	FOB02 is the code specifying transportation responsionity location.FOB06 is the code specifying the title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may
	be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	be different than the location specified in 1 0 b02/1 0 b05 and 1 0 b07.
Notes:	1. Use this segment to identify the FOB point for a Blanket Purchase Agreement,
110105.	Basic Ordering Agreement, Indefinite Delivery type instrument, or other award
	instruments against which delivery orders will be placed when such instruments do not
	specify the FOB point by line item.
	specify me I ob point by time activ
	2. For delivery orders, purchase orders, definitive contracts and similar award
	instruments, use the 2/FOB/180 segment and identify the FOB point by line item.
	instruments, use the 2/1 OD/100 segment and taentify the 1 OD point by the tem.
	3. Do not use this segment if the FOB point varies by delivery zone or destinations
	within a delivery zone. Use the 1/N1/310 loop citing code DZ in N101, identify the
	delivery zone in N103/104 citing code ZN in N103 and identify the FOB point in
	N405/406.
	4. This segment is not used when the award instrument is for construction or a service

			Data Eleme	ent Summary	
	Ref.	Data			
	Des.	Element	Name		Attributes
Must Use	FOB01	146	Shipment Method	-	M ID 2/2
				yment terms for transportation charges	
			DF	Defined by Buyer and Seller	
				Use this code only to satisfy the mand	atory nature of
				this data element. The receiving appli	
				not process this data. FOB terms are	defined in the
	FODA	200	Lesstin Onelifier	incorporated FOB FAR clause.	V ID 1/2
	FOB02	309	Location Qualifier		X ID 1/2
			Code identifying typ		
			Use to identify the H	FOB point.	
			DE	Destination (Shipping)	
			OA	Origin (After Loading on Equipment)	
				Use to indicate FOB Origin with trans	portation
				charges prepaid by the seller and adde	-
				item to the invoice. See FAR clause 5.	2.247-32.
			OR	Origin (Shipping Point)	
			TM	Terminal	
				1. Use to indicate that the FOB point	for delive r y
				outside the continental United States i	
				transportation terminal and not at orig	
				destination. FAR clauses 52.247-38, 5	52.247-39, or a

850 Purchas	se Order				
				similar FAR clause may apply.	
			W	2. When used, identify the FOB point in A Worldwide Geographic Location Code	FOB03.
				Use to indicate the FOB point for delivering continental United States is destination and point for deliveries outside the continental States is origin.	d the FOB
	FOB03	352	Description	C	AN 1/80
			A free-form desc	cription to clarify the related data elements and t	heir content
			the 5 position U. (UN/LOCODE) Manual	code TM, use to identify the location of the Fonited Nations code for ports and other location in accordance with the United Nations Location	s
Not Used	FOB04	334		Terms Qualifier CodeCg the source of the transportation termsC	D ID 2/2
Not Used	FOB05	335	Transportation Code identifying responsibility	Terms Code X the trade terms which apply to the shipment tra	
Not Used	FOB06	309	Location Qualit	fier X stype of location	C ID 1/2
Not Used	FOB07	352	Description A free-form desc	Cription to clarify the related data elements and t	
Not Used	FOB08	54	Risk of Loss Co Code specifying	de C where responsibility for risk of loss passes	ID 2/2
Not Used	FOB09	352	Description A free-form desc	x x x x x x x x x x x x x x x x x x x	

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	0	SAC	T D	motion, Allowance, or Charge Inforr					
	Segment:		- Service, Pro	motion, Allowance, or Charge Inform	nation				
	Position:	120							
	Loop:	SAC	Optional						
	Level:	Heading							
	Usage:	Optional							
	Max Use:		at an identify a	convice promotion allowence or charge	to aposify the an ount				
	Purpose:	-		service, promotion, allowance, or charge	ge; to specify the amount				
Synt	tax Notes:	-		vice, promotion, allowance, or charge CO2 or SAC03 is required.					
Synt	lax nules.			SAC04 is present, then the other is required.	lired				
				SAC07 is present, then the other is requ					
				SAC10 is present, then the other is requ					
				, then SAC10 is required.	in ou.				
			-	, then at least one of SAC02 or SAC04	is required.				
			•	, then SAC13 is required.					
			-	, then SAC15 is required.					
Seman	tic Notes:		-	"C", then at least one of SAC05, SAC0	7, or SAC08 is required.				
				amount for the service, promotion, allow					
				with SAC07 or SAC08, then SAC05 ta					
			-	ance or charge rate per unit.					
		4 SAC	210 and SAC11	is the quantity basis when the allowand	ce or charge quantity is				
		diffe	rent from the p	urchase order or invoice quantity.					
				used together indicate a quantity range					
				icable to service, promotion, allowance	-				
				onjunction with SAC02 or SAC04 to pr	ovide a specific reference				
			number as identified by the code used.						
		6 SAC14 is used in conjunction with SAC13 to identify an option when there is more							
		 than one option of the promotion. SAC16 is used to identify the language being used in SAC15. 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. 							
C	omments:								
	Jinments:								
		2 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 as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09. Use this segment to identify services, allowances, discounts, or non-Contract Line 							
	Notes:								
			-	harges and if applicable, quantities ap					
		items. If the services, allowances, discounts, or non-CLIN charges vary by line item,							
		use the 2/SAC/130 segment.							
		2. Codes	s used in SACO.	2 at this location, may not be used in the	he 2/SAC/130 segment.				
			D. (
	Ref.	Data	Data	Element Summary					
		Data	Nama		Attributos				
Must Use	Des. SAC01	Element 248	Name Allowance or	Charge Indicator	<u>Attributes</u> M ID 1/1				
Must Ose	SACUI	240		Charge Indicator adicates an allowance or charge for the					
					service specified				
			А	Allowance					
				Use to indicate an allowance of	r discount.				
			С	Charge					
			N	No Allowance or Charge					
				Use to indicate there is no char	ge for the specified				
				service.					
	SAC02	1300	Service, Prom	notion, Allowance, or Charge Code	X ID 4/4				
			Code identifyi	ng the service, promotion, allowance, o	or charge				
				be used. The following is a list of pre	-				
			5	jetter ing to a tion of pro	,				

- A310 Air Express Charge
- A320 Air Transportation Charge

A480 Assembly

- B180 Cleaning Charge
- **B870** Customs Charge
- **B940** Cutting Charge
- C000 Defective Allowance
- C240 Disconnect Charge
- C260 Discount Incentive

Use to indicate that the contractor offers a discount when payment is made using the government credit card. Identify the discount as a total monetary value in SAC05, or as a percent in SAC06/07, or as a monetary rate in SAC08.

C300 Discount - Special

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

C310 Discount

Use to indicate a general discount not related to a quantity or purchase amount. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This general discount may be used in combination with C300 or F910. Do not include any general discount within the C300 or F910 discount considerations.

- C330 Distribution Fee
- C370 Diversion Charge
- C580 Emergency Service
- C590 Emergency Surcharge
- C880 Expediting Premium
- D170 Free Goods

Use to indicate a quantity provided at no cost if a specified quantity or monetary value is purchased, e.g., buy \$100.00 and get 1 free; or buy 10, get 1 free. When a monetary value is used, identify the "buy" monetary amount in SAC05. When a specified quantity is used, identify the "free" quantity in SAC10 and the "buy" quantity in SAC11.

D290 Full Truckload Allowance

D440 Groupage Discount

Use to indicate a discount applicable to a line item total purchase amount meeting or exceeding a specified threshold or range. Identify the percentage discount in SAC06/07 (citing code 2 in SAC06) or the monetary value discount in SAC08. When a threshold is used, specify the threshold SAC10. When a range is used, specify the range in SAC10/11.

- D500 Handling
- D530 Hazardous Cargo Charge
- D660 Hook-up Charge
- D820 Inside Delivery
- **D870** Inspection
- **D890** Installation and Training

D900 Installation

E340 Less Than Truckload (LTL) Charge

Use to indicate a charge for less than a full carload or truckload.

- E400 Loading (Labor Charges)
- E930 One-Day Service
- F150 Packaging Service
- F460 Postage
- F560 Premium Transportation
- F830 Proof of Delivery

Use to indicate a charge for preparation of a DD Form 250.

F910 Quantity Discount

Use to indicate a step ladder discount applicable to a quantity range. The discount specified for the quantity range containing the total line item quantity is the discount to be applied to the unit price. Identify the percentage discount in SAC06/07 (citing code 5 in SAC06) or a monetary value discount in SAC08. Identify the quantity range in SAC10/11. This is contrast to the C300 incremental discount that applies to that portion of the total line item quantity within each increment.

- G030 Reconnect Charge
- G350 Rents and Leases

G470 Restocking Charge

- G530 Rework
- G580 Royalties
- G600 Same-Day Service
- G610 Saturday Delivery
- G660 Scrap Allowance

G740 Service Charge

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

- G760 Set-up
- G870 Shrink Wrap Charge
- H000 Special Allowance
- H110 Special Packaging
- H170 Special Tooling Charge
- H430 Storage
- H550 Surcharge
- H990 Testing Services Charge
- **I260** Transportation Direct Billing
- 1330 Two-Day Service
- I380 Unloading (Labor Charges)
- 1530 Volume Discount

Use to indicate a discount applicable to a total order quantity or total order purchase amount meeting or exceeding a specified threshold or range. Identify the percentage discount in SAC06/07 (citing code 6 in SAC06) or the monetary value discount in SAC08. When a threshold is used, specify the threshold SAC10. When a range is used, specify the range in SAC10/11.

- 1590 Warranties
- ZZZZ Mutually Defined

Use to indicate a training charge.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X	ID 2/2
Not Used	SAC04	1301			AN 1/10
			Agency maintained code identifying the service, promotion,	allow	ance, or

1454			charge				
	SAC05	610	Amount	()	N	2 1/15
			Monetary amou				
			When SAC02 i	s code D170, identify the "buy" monetary value able. For all other SAC02 codes, see semantic			
	SAC06	378			X		2. D 1/1
				on what basis allowance or charge percent is ca	- Ilcī		
			2	Item Net Cost			
			-	Use to indicate a percentage applied to th	01	.in	e Item
			5	<i>total amount.</i> Base Price per Unit		2010	
				Use to indicate a percentage applied to th	e I	Lin	e Item
			6	<i>unit price.</i> Base Price Amount			
				Use to indicate a percentage applied to th purchase amount.	e t	ota	l order
	SAC07	332	Percent	-	ĸ	R	1/6
			Percent express	ed as a percent			
				1.25; cite 3% as 3 (note: leading and trailing zer	ros	ar	e
	SAC08	118	Rate)	R	1/9
			Rate expressed specified	in the standard monetary denomination for the c	ur		
			See semantic n				
	SAC09	355			K) 2/2
				g the units in which a value is being expressed, o ement has been taken	r r	nar	iner in
			1. Use any cod	e other than code ZZ.			
				M4 is cited and CUR01 in the 1/CUR/040 segn ry amount in SAC10 shall be stated as the curr			
			agency codes to	on program conversion table may be required to ASC X12 codes.			
			Refer to 004010) Data Element Dictionary for acceptable code v	alı	ies.	
	SAC10	380	Quantity	2	K	R	1/15
			Numeric value	of quantity			
				2 is code C300, use to identify the lower end of Its in an incremental quantity discount.	a	qui	antity
			2. When SACO	2 is code D170, use to identify the "free" quan	tity	<i>v</i> .	
				2 is code D440, use to identify the line item toto sults in a discount, if applicable.	a <i>l</i>	our	chase
				2 is code F910, use to identify the lower end of Its in a step ladder discount.	a	qu	antity
			5. When SACO service charge,	2 is code G740, use to identify the distance app if appropriate.	lic	abi	le to a
				2 is code 1530, use to identify the total order qu amount that results in a discount, if applicable		<i>tit</i> j	y or total
				2 is any other code, use to identify the quantity ice, or discount applies. In most instances this			

850 Purchas	se Order				
	SAC11	380	be 1, but if a greater quantity applies, cite that quantity. Quantity	0	R 1/15
			Numeric value of quantity		
			1. Use only if SAC10 is used. SAC10/11 are used togeth range except when SAC02 is code D170.	er to id	entify a
			2. When SAC02 is code C300 or F910, use to identify the quantity range associated with SAC10.	e upper	end of the
			3. When SAC02 is code D170, use to identify the "buy" applicable.	quantit	y, if
			4. When SAC02 is any other code, use to identify the up	, per end	of a quantity
			range to which the charge, allowance, or discount applie	s.	
Not Used	SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or cl	O narge	ID 2/2
	SAC13	127	Reference Identification	Χ	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Set	or as
			1. If the discount, allowance, charge, or no charge servi	ce appli	ies to a
			specific delivery zone, identify the zone in this data eleme zones and locations within each zone are identified in the		
			2. To comply with X12 syntax, if SAC14 contains data the total of the specific delivery zone, cite the word "ALL" in this defined to the second secon		
	SAC14	770	Option Number		AN 1/20
			A unique number identifying available promotion or allow more than one is offered	ance op	otions when
			When SAC02 is code C300, D440, or F910, and the disco by combining quantities or purchase amounts from line group, use this data element to identify the discount grou	items in	a discount
Not Rec	SAC15	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements		
			1. Use, if necessary, to provide text information related to provided within this segment.	o the in	formation
			2. Use of free form text is discouraged if the information some other means within the transaction set.	can be	e provided by
Not Used	SAC16	819	Language Code	0	ID 2/3
			Code designating the language used in text, from a standar		
			maintained by the International Standards Organization (IS	SO 639)	

	Segment:	ITD	Terms of Sal	e/Deferred Terms of Sale					
	Position:	130	1011115 01 541	Contracting of Sale					
	Loop:	100							
	Level:	Heading							
	Usage:	Optional							
	Max Use:	>1							
	Purpose:	-	fy terms of sale		TD12 is requi	rad			
Synt	ax Notes:	2 If IT	2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.						
Seman	tic Notes:		15 is the percer	ntage applied to a base amount used to		te payment			
Co	omments:	ITD	11 is required;	1 is "04", then ITD07 or ITD09 is required if the code in ITD01 is "05", then ITD0	06 or ITD07 is	required.			
	Notes:			payment discounts, the frequency of c rmation associated with payments.	ontractor billi	ings and to			
			Data	Element Summary					
	Ref.	Data							
	<u>Des.</u> ITD01	Element 336	<u>Name</u> Terms Type	Code	Attı O	r <u>ibutes</u> ID 2/2			
				ving type of payment terms					
			02	End of Month (EOM)					
			07	Extended					
				Use to indicate quarterly billin	igs.				
			20	Progress Payment	0				
				Term at which progress payme	nts are author	ized by the			
			21	terms of the contract Fast Pay					
				Code indicating that an invoice payment	is subject to a	accelerated			
			PP	Prepayment					
				Use to indicate that advance p for this award instrument.	ayments are a	uthorized			
Not Used	ITD02	333	Terms Basis Code identify	Date Code ring the beginning of the terms period	0	ID 1/2			
	ITD03	338	Terms Disco	unt Percent	0	R 1/6			
				nt percentage, expressed as a percent, a paid on or before the Terms Discount I		e purchaser if			
			suppressed).	s 4.25; cite 3% as 3 (note: leading and	trailing zeros				
Not Used	ITD04	370		unt Due Date	X	DT 8/8			
			CCYYMMD						
	ITD05	351		unt Days Due		N0 1/3			
			Number of da discount is ea	ays in the terms discount period by which the terms discount period by which the terms discount period by the terms of terms of the terms of terms o	ch payment is	due if terms			
Not Used	ITD06	446	Terms Net D Date when to	ue Date tal invoice amount becomes due expres	O ssed in format	DT 8/8			
	ITD07	204	CCYYMMD		0	N0 1/3			
	1100/	386	Terms Net D	ays ays until total invoice amount is due (di	O				
Not Used	ITDAQ	362	Terms Disco			N2 1/10			
Not Usea	ITD08	302	Total amount	of terms discount	0	112 1/10			
Not Used	ITD09	388		red Due Date payment or percent of invoice payable	O e is due expres	DT 8/8 sed in format			

850 Purchas	e Order				
Not Used	ITD10	389	CCYYMMDD Deferred Amount Due Deferred amount due for payment	x	N2 1/10
Not Used	ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	X	R 1/5
Not Used	ITD12	352	Description A free-form description to clarify the related data elements	O and th	AN 1/80 eir content
Not Used	ITD13	765	Day of Month The numeric value of the day of the month between 1 and t the month being referenced	X he ma>	N0 1/2 kimum day of
	ITD14	107	Payment Method Code Code identifying type of payment procedures E Electronic Payment System Use to indicate Electronic Funds Training	O Insfer	ID 1/2 (EFT).
Not Used	ITD15	954	Percent Percentage expressed as a decimal	0	R 1/10

850 Purchas	se Order						
	Segment:	DTN	Date/Time	Reference			
	Position:	150					
	Loop:						
	Level:	Heading					
	Usage:	Optional					
	Max Use:	10 Ta an ai	6	and the second			
Syn	Purpose: tax Notes:	-	fy pertinent date	es and times 102 DTM03 or DTM05 is require	be		
Syn	lax notes.			t, then DTM03 is required.	vu.		
			-	DTM06 is present, then the other	is required.		
Seman	tic Notes:						
C	omments:	** .* *				* *	
	Notes:		-	ntify dates that apply to the awar • delivery and other dates that ap			
		4/ 1 0 1 1917 4	i o segmeni joi	uenvery und onier duies indi up	ply to the the l	lem	.
			Data	Element Summary			
	Ref.	Data					
Married Time	Des.	Element	Name Data/Time Or				ributes
Must Use	DTM01	374	Date/Time Q	ng type of date or time, or both d		Μ	ID 3/3
			007	Effective			
			007	Use with code RD8 in D1	M05 to indicat	te th	e ordering
				period of an Agreement of			•
				per FAR clause 52.216-1			
				DTM06.			
			093	Contract Expiration			
				Use to indicate the expira	tion date for a	n an	vard
			376	<i>instrument.</i> Delivery End			
			570	The date that deliveries w	ill end		
				Use to indicate the date a		CON	tractor is
				not required to make deli			
				52.216-20/21/22.			
			467	Signature			
				Date on which the accomp	panying signatu	re v	vas
				received			
				Use to indicate the date the signed if different from the second se			
				BEG05.	ie effective unit	s sp	ecijieu in
	DTM02	373	Date			X	DT 8/8
			Date expresse	d as CCYYMMDD			
Not Used	DTM03	337	Time			X	TM 4/8
			•	d in 24-hour clock time as follow			
				or HHMMSSDD, where $H = hou$			-
				er seconds (00-59) and $DD = dec.$ as follows: $D = tenths$ (0-9) and J			
Not Used	DTM04	623	Time Code			0	ID 2/2
				ng the time. In accordance with I	international Sta	anda	
			•	standard 8601, time can be specif	•		
				ation to Universal Time Coordina			
	DTMOS	1250		acter, + and - are substituted by I		ode X	s that follow ID 2/3
	DTM05	1250		riod Format Qualifier			
			RD8	ig the date format, time format, o			
			KD8	Range of Dates Expressed CCYYMMDD	r in Format CC	1 11	viviDD-
				A range of dates expresse	d in the format		

A range of dates expressed in the format CCYYMMDD-CCYYMMDD where CCYY is the numerical expression of the century CC and year YY, MM is the numerical expression of the month within the year, and DD is the numerical expression of the day within the year; the first occurrence of CCYYMMDD is the beginning date and the second occurrence is the ending date

DTM06

1251 Date Time Period

X AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	LDT Lead Time
Position:	160
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
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.
Notes:	1. Use this segment to identify lead times that apply to the receipt of a performance or payment bond and to identify a delivery lead time for all the items in a basic award instrument. When the delivery lead time varies by line item, use the 2/LDT/321

2. Codes used at this location may not be used in the 2/LDT/321 segment.

Data Element Summary

segment.

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	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the	
			AE	From date of PO receipt to shipment
			AF	Use to indicate the delivery lead time for all line items in a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item. From date of PO receipt to delivery
			AI	
			AR	Use to indicate the delivery lead time for all line items in a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.
				From Date of Award to Government Receipt of Bond
			AV	From Date of Award to Date of Latest Delivery
				Use to indicate the delivery lead time for all line items in a basic award instrument against which delivery orders will be placed when such instruments do not
			AW	specify the lead time by line item. From Date of Award to Date of Earliest Delivery
			AX	Use to indicate the delivery lead time for all line items in a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item. From Date of Award to Date of Completion
			ЛА	Use to indicate the delivery lead time for all line items
				in a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item.
			AY	From Date of Award to Date of Delivery
			вС	Use to indicate the delivery lead time for all line items in a basic award instrument against which delivery orders will be placed when such instruments do not specify the lead time by line item. From Date of Award to Commencement of
			50	Performance Use in construction contracts to indicate a lead time from the date of a Notice to Proceed to the date of the commencement of performance.
004010F850_0				25 14 April 199

850 Purchas	e Order					
			BE	From Date of Option Exercis	e to Date of Co	mpletion
				Use in construction contract from the date of a Notice to a completion.		
Must Use	LDT02	380	Quantity Numeric value	of quantity	Μ	R 1/15
Must Use LDT03 344		344	Unit of Time Period or Interval Code indicating the time period or interval		Μ	ID 2/2
			DA	Calendar Days		
			DW	Work Days		
			МО	Month		
Not Used	LDT04	373	Date Date expressed	as CCYYMMDD	· 0	DT 8/8

Segment:	PID Product/Item Description
Position:	190
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in PID04. A
	"Y" indicates that the specified attribute applies to this item; an "N" indicates it does
	not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	Use this segment to provide the title of a Grant.

			Data Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		<u>ributes</u>
Must Use	PID01	349	Item Description Type Code indicating the format of a description	М	ID 1/1
			F Free-form		
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process ch	O aracte	ID 2/3 eristic
Not Used	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X	ID 2/2
Not Used	PID04	751	Product Description Code A code from an industry code list which provides specific da characteristic	X ata abo	AN 1/12 out a product
	PID05	352	Description A free-form description to clarify the related data elements a	X and the	AN 1/80
Not Used	PID06	752	-	O	ID 2/2
Not Used	PIDUO	154	Surface/Layer/Position Code Code indicating the product surface, layer or position that is	-	
Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the	O Sour	AN 1/15 ce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	0	ID 1/1
Not Used	PID09	819	Language Code Code designating the language used in text, from a standard maintained by the International Standards Organization (ISC		

850 Purchas	se Order							
	Segment:	ME	A Measurement	c				
	Position:	200	L K Micusurement.	5				
	Loop:	200						
	Level:	Heading						
	Usage:	Optional						
	Max Use:	40 T	C 1 1 1		1			
S	Purpose:	and weig	ts (See Figures A	ements or counts, including dimensions, to appendix for example of use of C001)	leran	ces	s, variances,	
Syn	tax 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. 						
C		5 Only	y one of MEA08 or	MEA03 may be present.			equired.	
	ntic Notes: omments:			t of measure for MEA03, MEA05, and M. al tolerances, any measurement requiring			or -) or	
C	omments.	any	measurement where	e a positive (+) value cannot be assumed, MEA06 as the positive (+) value.	-			
	Notes:	•	• /	the time period for a warranty that apply	ies to	the	e entire	
		award in	•	o to identify time periods for ordering res				
			Data Ele	ment Summary				
	Ref.	Data Element	Name		A + 4	heil	<u>butes</u>	
	<u>Des.</u> MEA01	737		eference ID Code	0		ID 2/2	
				the broad category to which a measurement	nt a nn			
			OL	Order Limits	n upp		0	
			RS	Use to indicate the number of days ov of orders will be considered as one or maximum order limitations per FAR Response Time	der fo	or c	applying	
				Use to indicate the number of days we contractor must reject an order excee maximum order limitations per FAR	ding t	he		
			WR	Warranty				
				Use to indicate a warranty period. Id warranty period in MEA03/04.	entify	th	е	
Not Used	MEA02	738	Measurement Qu		0		ID 1/3	
B . F			measurement app					
Must Use	MEA03	739	Measurement Va The value of the n		X	1	R 1/20	
	MEA04	C001			X			
	WILAU4	CUUI	Composite Unit o			For	overmales	
Must Use	C00101	355	of use)	posite unit of measure (See Figures Appe	M		D 2/2	
Widst Ose	CUUIUI	222	Code specifying the	Measurement Code he units in which a value is being expresse nent has been taken				
			DA	Days				
			LL	Lifetime				
				A duration ending with the death of the	e indiv	vid	lual	
			МО	Months				
			YR	Years				
Not Used	C00102	1018	Exponent Power to which a		0	J	R 1/15	
Not Used	C00103	649	Multiplier		0	J	R 1/10	
		015	multiplier		0			

850 Purchas	se Order		Value to be used as a multiplicate obtain a new value	
NT / NT N	C00104	255	Value to be used as a multiplier to obtain a new value	
Not Used	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	
Not Used	C00105	1018	ExponentOR 1/15Power to which a unit is raised	
Not Used	C00106	649	MultiplierOR 1/10Value to be used as a multiplier to obtain a new value	
Not Used	C00107	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	
Not Used	C00108	1018	Exponent O R 1/15 Power to which a unit is raised	
Not Used	C00109	649	MultiplierOR 1/10Value 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 expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	ExponentOR 1/15Power to which a unit is raised	
Not Used	C00112	649	MultiplierOR1/10Value to be used as a multiplier to obtain a new value	
Not Used	C00113	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	
Not Used	C00114	1018	Exponent O R 1/15 Power to which a unit is raised	
Not Used	C00115	649	MultiplierOR 1/10Value to be used as a multiplier to obtain a new value	
Not Used	MEA05	740	Range MinimumXR 1/20The value specifying the minimum of the measurement range	
Not Used	MEA06	741	Range MaximumXR 1/20The value specifying the maximum of the measurement range	
Not Used	MEA07	935	Measurement Significance Code O ID 2/2 Code used to benchmark, qualify or further define a measurement value	
Not Used	MEA08	936	Measurement Attribute Code X ID 2/2 Code used to express an attribute response when a numeric measurement value cannot be determined Note: 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	ue
Not Used	MEA09	752	Surface/Layer/Position Code O ID 2/2 Code indicating the product surface, layer or position that is being described	
Not Used	MEA10	1373	Measurement Method or DeviceOID 2/4The method or device used to record the measurement	

Segment:	PWK Paperwork
Position:	210
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To identify the type or transmission or both 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 report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	1. Use this segment when the paperwork information applies to all of the line items

Notes:

NTTTT

1. Use this segment when the paperwork information applies to all of the line items. Use the 2/PWK/070 segment if the information varies by line item.

2. Use this segment to identify paperwork required to pass between the buyer and seller and how that paperwork is to be transmitted.

3. Codes used in PWK01 at this location may not be used in the 2/PWK/070 segment.

	Ref.	Data	Data Ele	ement Summary	
Must Use	Des. PWK01	Element 755	_	he title or contents of a document, report or the type of paperwork that is being provided	
			25	Purchase Plan	
				Use to indicate a make or buy plan.	
			27	Contract Delivery Schedule	
			35	Use to indicate a General Services Adu Form 1611 or similar document. When should be cited in PWK04. Subcontractor Plan	
			AE	Attachment	
				Use to indicate some additional docum Government furnished property, relate instrument is being sent by means othe the transaction set. Specify the nature in PWK07.	ed to this award er than within
			BA	Budget	
				Use to indicate a Grant financial report	rt.
			C6	Wage Determination	
				When used, identify the Wage Determining the 1/N9/295 segment using code 21	
			DW	Drawing(s)	
			EL	Eligibility	
				Use to indicate a Grant disclosure repo	o rt.
			KF	Support Documents	
				Use to indicate Grant supporting techn documentation.	
			MR	Material Inspection and Receiving Repo	ort
			MS	Material Safety Data Sheet	
			PD	Proof of Delivery	
			PJ	Purchasing Specification	

e Order			
			Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging,
			transportation, delivery, and payments Use to indicate a Statement of Work (SOW).
		РМ	Proof of Insurance
		PP	Proposal
		RD	Payment Bond
		RE	When used, identify the amount of the bond in the 1/AMT/287 segment citing code B0 in AMT01. Performance Bond
		SF	When used, identify the amount of the bond in the 1/AMT/287 segment citing code 9E in AMT01. Contract Security Classification Specification
		51	Use to indicate that additional information relative to the Contract Security Classification Specification transmitted in this transaction set will be provided.
		SP	Specification
		US	"BUY AMERICA" Certification of Compliance
		WP	Work Progress
			Use to indicate a Grant progress report.
PWK02	756	Report Transn	
			iming, transmission method or format by which reports are to
		be sent BM	By Mail
		Divi	Use to indicate transmittal via the United States Postal
		<u>CE</u>	Service (USPS).
		CF	Courier
		DA	Use to indicate transmittal via a commercial express courier service, e. g. Federal Express Service. Data
		DA	Use to indicate other forms of electronic transfer.
		EL	<i>When used, identify the other form in PWK07.</i> Electronically Only
		LL	Use to indicate that data transmitted by a separate Electronic Data Interchange (EDI) transaction set. When used, identify the unique number of the
		EM.	transaction set in N902 of the 1/N9/295 segment citing code TN in N901.
		EM	E-Mail File Transfer
		FT FX	File Transfer By Fax
		IA FA	Electronic Image
		IA	Use to indicate the World Wide Web. When used,
			provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.
		WS	With Shipment (With Package)
PWK03	757	Report Copies	
		A-1	copies of a report that should be sent to the addressee
		The number of in this data eler	copies is assumed to be 1 unless a greater number is specified
PWK04	98	Entity Identifie	
	20	•	g an organizational entity, a physical location, property or an
		individual	Ban e-Bunnennen entrej, a prijekou roeuren, property er un

Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/310 segment and/or the recipient communication number in the 1/PER/360 segment.

			_	1/N1/310 segment and/or the recipient com 1/PER/360 segment.	mun	ication
			7D	Contracting Officer Representative		
			7N	Party to Receive Proposal		
			7P	Transportation Office		
			BY	Buying Party (Purchaser)		
				Use to indicate the Contracting Office	<i>r</i> .	
			C4	Contract Administration Office		
				Established at either a contractor facilit geographic area, and responsible for ad behalf of the buying activities that assig for administration and all contracts awa the specific contractor or all contractor	lminis gned arded	stering on contracts to either
			HMI	geographic area Material Safety Data Sheet (MSDS) Re	cipie	nt
				Use in conjunction with PWK01 code the Agency's Hazardous Material Info (HMIS) central focal point to whom M Data Sheets are to be sent.	rmai	tion System
			KF	Audit Office		
			KO	The office performing the audit		
			KG	Project Manager	41.	
				The address of the person responsible f management of a designated project	or the	9
			KY	Use to indicate the party responsible for include the advisor under a Grant. Technical Office	or the	e project to
Not Used	PWK05	66	Identification (x	ID 1/2
				ng the system/method of code structure used t		
Not Used	PWK06	67	Identification (C ode g a party or other code	X	AN 2/80
	PWK07	352	Description		0	AN 1/80
			A free-form des	cription to clarify the related data elements a	nd th	eir content
			1. Use only if necessary to provide additional information or instruct applicable to a specific paperwork item.			
			2. When PWK02 is code DA, use to identify the other form of electronic transfer.			
			3. When PWK	02 is code IA, use to identify the URL.		
				orm text is discouraged if the information ca ans within the transaction set.	ın be	provided by
Must Use	PWK08	C002	Actions Indicat		0	
			Actions to be pe	erformed on the piece of paperwork identified	i	
Must Use	C00201	704	Paperwork/Report Action CodeMID 1/2Code specifying how the paperwork or report that is identified in the PWKsegment relates to the transaction set or to identify the action that is required2Report to be Filed			the PWK
				When PWK01 is code 25, 27, 35, MR, PP, RD, RE, or US, indicate the specif required to be provided by the contract	fied p	
004010F850	0		PV	Provided		14 April 199
	-			32		-14 April 199

850 Purchase Ord	er
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When PWK01 is code AE, C6, DW, PJ, SF, or SP, use to indicate the specified paperwork is being provided by the buyer

			by the buyer.	
Not Used	C00202	704	Paperwork/Report Action Code O ID 1/2	
			Code specifying how the paperwork or report that is identified in the PWK	
			segment relates to the transaction set or to identify the action that is required	
Not Used	C00203	704	Paperwork/Report Action Code O ID 1/2	
			Code specifying how the paperwork or report that is identified in the PWK	
			segment relates to the transaction set or to identify the action that is required	
Not Used	C00204	704	Paperwork/Report Action Code O ID 1/2	
			Code specifying how the paperwork or report that is identified in the PWK	
			segment relates to the transaction set or to identify the action that is required	
Not Used	C00205	704	Paperwork/Report Action Code O ID 1/2	
			Code specifying how the paperwork or report that is identified in the PWK	
			segment relates to the transaction set or to identify the action that is required	
Not Used	PWK09	1525	Request Category Code O ID 1/2	
			Code indicating a type of request	

Segment:	PCT Percent Amounts
Position:	276
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>]
Purpose:	To qualify percent amounts and supply percent amounts
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	1. Use this segment to carry percentages that apply to all of the

1. Use this segment to carry percentages that apply to all of the line items. If the percentages vary by line item, use the 2/PCT/276 segment.

2. Codes used in PCT01 at this location may not be used in the 2/PCT/276 segment.

			Data Elem	ent Summary
Must Use	Ref. <u>Des.</u> PCT01	Data <u>Element</u> 1004	<u>Name</u> Percent Qualifier Code to qualify per	cent
			18	Percent of Value
				Use to indicate the fee or profit percentage based on cost.
			80	Percentage of Time
				Use to indicate the fee or profit percentage based on hours.
			CR	Contractor Share Ratio
			CS	Use to indicate the contractor's portion of the target cost associated with an award instrument pricing arrangement. Customer Share Ratio
				Use to indicate the Government's portion of the target cost associated with an award instrument pricing arrangement.
			EF	Escalation Factor
				Use when BEG09 is code FX.
			RG	Progress Payment Rate
			RL	Progress Payment Liquidation Rate
			RR	Alternate Progress Payment Liquidation Rate
Must Use	PCT02	954	Percent Percentage expresse	ed as a decimal M R 1/10
			Cite 4.25% as .042: suppressed).	5; cite 3% as .03 (note: leading and trailing zeros are

004010F850_0

850 Purchas	se Order				
	Segment:	CTE	Restrictions/C	onditions	
	Position:	280			
	Loop:	Handing			
	Level: Usage:	Heading Optional			
Max Use: 5					
C	Purpose:	-	-	ditions (such as shipping, ordering)	
Syn	tax Notes:			2 CTB04 or CTB06 is required. B04 is present, then the other is required.	red.
				B06 is present, then the other is require	
	tic Notes:				
C	omments: Notes:	Use this	segment to identi	fy conditions that apply to a basic aw	ard instrument or to
	rotes.		• •	ic award instrument, e.g., a requirem	
		quantity	type award instru	ment. For line item conditions, use	the 2/CTB/292 segment.
			Data El	ement Summary	
	Ref.	Data	Data El	ement Summary	
	Des.	Element	Name		Attributes
Must Use	CTB01	688		nditions Qualifier g the type of restriction/condition	M ID 2/2
			OR	Ordering	
Not Rec	CTB02	352	Description A free-form desc	cription to clarify the related data elem	X AN 1/80 nents and their content
				y, to identify restrictions/conditions th	
			in a codified for	m or to provide additional information	-
	CTB03	673	restriction/cond Quantity Quality		X ID 2/2
	CID05	075		the type of quantity	A 10 2/2
			57	Minimum Order Quantity	
				Use to indicate the required min	
				order against a basic award inst. clause 52.216-19.	rument per FAK
			70	Maximum Order Quantity	
				Use to indicate the allowable ma order against a basic award inst clause 52.216-19.	* * *
			8H	Minimum	
				Use to indicate the minimum qu	antity that the

clause 52.216-22.

Maximum

M2

MQ

Quantity

Numeric value of quantity Amount Qualifier Code

Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR

Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR clause 52.216-21. Quantities above the maximum may

Use to indicate the maximum quantity that the

Use to indicate the maximum quantity that the contractor is obligated to deliver throughout the ordering period of a basic award instrument per FAR

be acquired from other sources.

Maximum Ship Quantity

clause 52.216-22.

004010F850_0

CTB04

CTB05

380

522

X R 1/15

X ID 1/3

850 Purchase	Order					
			Code to qualify am	ount		
			KJ	Minimum Contract Amount		
			LQ	Use to indicate the minimum monetary amount that the Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR clause 52.216-22. Maximum Potential Liability		
				Use to indicate the maximum monetary amount that the Government is obligated to purchase throughout the ordering period of a basic award instrument per FAR clause 52.216-21.		
			MA	Maximum Amount		
			МО	Use to indicate the allowable maximum monetary amount per order against a basic award instrument per FAR clause 52.216-19. Minimum Order Value		
				Minimum value of order allowed		
			VZ	Use to indicate the required minimum monetary amount per order against a basic award instrument per FAR clause 52.216-19. Maximum Transfer		
				Use to indicate the contractor's maximum delivery obligation throughout the ordering period of a basic award instrument, expressed as a monetary amount per FAR clause 52.216-22.		
	CTB06	610	Amount Monetary amount	X N2 1/15		

5	Segment:	TXI	Tax Informatio	n		
	Position:	285				
	Loop:					
	Level:	Heading				
	Usage:	Optional				
	Aax Use:	>1				
	Purpose:	-	fy tax information	n 2 TXI03 or TXI06 is required.		
Synta	x Notes:			KI05 is present, then the other is required.		
				hen TXI03 is required.		
Semant	ic Notes:		•	y amount of the tax.		
			-	ent expressed as a decimal.		
				ating the relationship of the price or amount	to the	associated
Cas		segn	nent.			
Co	mments: Notes:			entify taxes that apply to the total order amo		
		2/TXI/29	1 segment to ide	ntify taxes that apply to individual line item	amo	unts.
		2. Codes	s used in TXI01 a	at this location may not be used in the 2/TX	1/291	segment.
	D-f	Dete	Data E	lement Summary		
	Ref. Des.	Data Element	Name		Att	ributes
Must Use	<u>Des.</u> TXI01	<u>963</u>	Tax Type Code	a	M	ID 2/2
Must ose 17		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Code specifying			
				ther than code ZZ.		
			•) Data Element Dictionary for acceptable cod	le val	ues.
	TXI02	782	Monetary Amo			R 1/18
			Monetary amou			
	TXI03	954	Percent		x	R 1/10
				ressed as a decimal		
			0 1	0425; cite 3% as .03 (note: leading and trail	ing za	eros are
			suppressed).			
Not Used	TXI04	955	Tax Jurisdictio	on Code Qualifier		ID 2/2
			Code identifying	g the source of the data used in tax jurisdiction	on coo	le
Not Used	TXI05	956	Tax Jurisdictio		Χ	AN 1/10
			•	g the taxing jurisdiction		
	TXI06	441	Tax Exempt Co		X	ID 1/1
				g exemption status from sales and use tax		
			3	Exempt (For Resale)		
			8	Exempt (Sale to U.S. Government)		
Rec	TXI07	662	Relationship C		0	ID 1/1
			-	the relationship between entities		
			A	Add		
				Use to indicate the tax amount cited in added to the total order amount.		02 is to be
			D	Delete		
			D	Use to indicate the tax amount cited in		02 has
				been deleted from the total order amou		
				the Response to the Solicitation.		1
			I	Included		
				Use to indicate the tax amount cited in		02 is
	TIN 100	0.00		included in the total order amount.	-	D 1/0
	TXI08	828	Dollar Basis Fo		0	R 1/9
				be used in the percent calculation of the allow	/ance	, charge or
0040105950 0			tax	27		14 April 100

850 Purchase Order					
TXI09	325	Tax Identification Number	O AN 1/20		
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number			
		When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.			
TXI10	350	Assigned Identification	O AN 1/20		
		Alphanumeric characters assigned for differentiation within a transaction set			
		1. Use to identify the ACRN, project code, funding code, or accounting code to which tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.			
		2. Use only when TXI07 is code A.			

004010F850_0

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes: **AMT** Monetary Amount 287

AMT Optional Heading Optional 1

To indicate the total monetary amount

1. Use this segment to specify the total amount of obligated funds for each accounting classification cited in the 1/FA1/293 loop, or to specify amounts associated with incentive, award fee, fixed-fee, or cost sharing award instruments when the amounts apply to all of the line items. There must be an AMT segment transmitted, citing code KC in AMT01, for each accounting classification cited in the 1/FA1/293 loop of this award instrument.

2. The following table identifies how each code listed in AMT01, other than code 9E, B0, and KC, is to be used depending on the code cited in BEG09.

AMTOI Code Hee

COST, FEE, AND PRICE EXPRESSION TABLE

RECOLCode AMTOLCode

BEG09 Coae	AMIUI Coae	AMIUI Code Use
CA/CY	33	Target Cost
CA/CY	32	Target Fee
CA/CY	AEG	Minimum Fee
CA/CY	AEH	Maximum Fee
СН	FQ	Contractor Firm Share
СН	FR	Estimated Government Share
CS	N/A	Use the 3/AMT/020 segment, code TT
CW/CX	33	Cost
CW	AEF	Base Fee
CW	AEE	Award Fee
CX	FE	Fixed Fee
FB/FC	33	Target Cost
FB/FC	32	Target Profit
FB/FC	30	Price Ceiling
FD	N/A	For fixed-price contracts with prospect
	CA/CY CA/CY CA/CY CA/CY CH CH CH CS CW/CX CW CW CW CX FB/FC FB/FC FB/FC	CA/CY 33 CA/CY 32 CA/CY AEG CA/CY AEH CH FQ CH FR CS N/A CW/CX 33 CW AEF CW AEE CX FE FB/FC 33 FB/FC 32 FB/FC 30

FD N/A For fixed-price contracts with prospective price redetermination, use the 3/AMT/020 segment, code 29 for contract total amount; and use the 2/AMT/600 segment code 1 when CN101 is code FR for Firm Fixed Price Items, and code 29 when CN101 is code FD for redeterminable items without a ceiling price or code 30 for redeterminable items with a ceiling price.

FM N/A For fixed-price contracts with retroactive price redetermination, use the 3/AMT/020 segment, code 30 for contract ceiling price; and use the 2/AMT/600 segment code 30 when CN101 is code FM for fixed ceiling price if items subject to differing contract type are present in the same contract.

FF/FG	ZQ	Initial Target Cost
FF/FG	K4	Initial Target Profit
FF/FG	AEH	Target Profit Ceiling
FF/FG	AEG	Target Profit Floor
FF/FG	30	Ceiling Price
FH	33	Fixed Price
FH ·	AEF	Base Fee
FH	AEE	Award Fee
FJ/FX/LH/TM	N/A	Use the 2/AMT/600 segment, code 1 for fixed price

line items; and the 3/AMT/020 segment, code TT for contract total amount

		FK	N/A	No cost or price information requ	uirad	
		TA	IV/A	no cosi or price injormation requ	ineu	,
	D	D. (Data Eleme	ent Summary		
	Ref. Des.	Data <u>Element</u>	Name		Att	<u>ributes</u>
Must Use	AMT01	522	Amount Qualifier (Code to qualify amo			ID 1/3
				use of the following codes in various j	fee and	profit
				pe of contract, see the table above.		
			2. Codes 9E, B0, an associated with each	nd KC are to be used in accordance w h code.	ith the	note
			30	Contract Ceiling		
				The ceiling price applicable to define	ed effor	:
			32	Target Fee or Profit Amount		
			33	The fee (can also be percent) of prof defined contract effort Original Contract Target Cost	it that w	ill apply to
				Value of the original negotiated cont	ract	
			9E	Specific Performance		
				When PWK01 in the 1/PWK/210 se	gment i	s code RE,
			AEE	use to indicate the amount of the pe Award Fee	rforma	nce bond.
			AEF	Base Fee		
			AEG	Target Profit Floor		
			AEH	Target Profit Ceiling		
			B0	Bond		
				When PWK01 in the 1/PWK/210 set use to indicate the amount of the pa		
		,	FE	Fee		
			FQ	Firm Contractor Share		
			FR	Use, in conjunction with BEG09 co. FC, FF, or FG, as applicable. Estimated Government Share	des CA,	СҮ, FB,
				Use, in conjunction with BEG09 con FC, FF, or FG, as applicable.	des CA,	<i>СҮ, FB</i> ,
			K4	Initial Target Fee		
			KC	Obligated		
				An amount a party has an obligation successful performance by another p obligated on a contract)	arty, (e.	g., funds
			ZQ	Use when the FA1 loop carries line data. Cite any associated accountin 1/REF/289 segment, e.g., code AX f Initial Target Cost	g code i	in the
Must Use	AMT02	782	Monetary Amount Monetary amount	•	. M	R 1/18
Not Used	AMT03	478	Credit/Debit Flag	Code ether amount is a credit or debit	0	ID 1/1

Segment: REF Reference Identification Position: 289 Loop: AMT Level: Heading Usage: Optional Max Use: >1 Purpose: To specify identifying information Syntax Notes: 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 4 REF04 contains data relating to the value cited in REF02. Comments: Notes: Use this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the 2/REF/610 segment in place of repeating the accounting data at the Detail level	when
Loop: AMT Optional Level: Heading Usage: Optional Max Use: >1 Purpose: To specify identifying information Syntax Notes: 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. Semantic Notes: 1 REF04 contains data relating to the value cited in REF02. Comments: Use this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the	when
Level: Heading Usage: Optional Max Use: >1 Purpose: To specify identifying information Syntax Notes: 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. Semantic Notes: 1 REF04 contains data relating to the value cited in REF02. Comments: Use this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the	when
Usage:OptionalMax Use:>1Purpose:To specify identifying informationSyntax Notes:1At least one of REF02 or REF03 is required.2If either C04003 or C04004 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.Semantic Notes:1REF04 contains data relating to the value cited in REF02.Comments:Use this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the	when
Max Use: >1 Purpose: To specify identifying information Syntax Notes: 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 1 REF04 contains data relating to the value cited in REF02. Comments: Notes: Use this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the	when
Syntax Notes:1At least one of REF02 or REF03 is required.2If either C04003 or C04004 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.4If either C04005 or C04006 is present, then the other is required.5If either C04005 or C04006 is present, then the other is required.6If either C04005 or C04006 is present, then the other is required.7If either C04005 or C04006 is present, then the other is required.8If either C04005 or C04006 is present, then the other is required.9If either C04005 or C04006 is present, then the other is required.9If either C04005 or C04006 is present, then the other is required.9If either C04005 or C04006 is present, then the other is required.9If either C04005 or C04006 is present, then the other is required.9If either C04005 or C04006 is present, then the other is required.9If either C04005 or C04006 is present, then the value cited in REF02.9If either C04005 or C04006 is present, the value cited in the following FA1 loop. This number or code can be cited in the	when
2If either C04003 or C04004 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.41REF04 contains data relating to the value cited in REF02.Comments:Vise this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the	when
3 If either C04005 or C04006 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required. 1 REF04 contains data relating to the value cited in REF02. Comments: Image: Comment to identify a number or a code applicable to the financial account data cited in the following FA1 loop. This number or code can be cited in the	when
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02. Comments: Notes: Use this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the	when
Notes: Use this segment to identify a number or a code applicable to the financial accoundata cited in the following FA1 loop. This number or code can be cited in the	when
data cited in the following FA1 loop. This number or code can be cited in the	when
it is necessary to associate the accounting data with an amount cited in the 2/AM segment.	
Data Element Summary	
Ref. Data	
Des.ElementNameAttributesMust UseREF01128Reference Identification QualifierM ID 2/3	
Code qualifying the Reference Identification	,
1Z Financial Detail Code	
ACT Accounting Code	
AX Government Accounting Class Reference Number (ACRN)	
FU Fund Code	
Defense Fuel Supply Center to bill back fuel purcha to the appropriate service or agency account fund	ses
P4 Project Code	
TH Transportation Account Code (TAC)	
REF02 127 Reference Identification X AN 1.	30
Reference information as defined for a particular Transaction Set or as	
specified by the Reference Identification Qualifier Not Used REF03 352 Description X AN 1.	/80
A free-form description to clarify the related data elements and their cont	
Not Used REF04 C040 Reference Identifier O	
To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not UsedC04001128Reference Identification QualifierMID 2/2Code qualifying the Reference Identification	5
Not UsedC04002127Reference IdentificationMAN 1	'30
Reference information as defined for a particular Transaction Set or as	
specified by the Reference Identification QualifierNot UsedC04003128Reference Identification QualifierXID 2/.	3
Code qualifying the Reference Identification	
Not Used C04004 127 Reference Identification X AN 1	30
Reference information as defined for a particular Transaction Set or as	
specified by the Reference Identification Qualifier Not Used C04005 128 Reference Identification Qualifier X ID 2/3	2
Not UsedC04005128Reference Identification QualifierXID 2/.Code qualifying the Reference Identification	,
Not Used C04006 127 Reference Identification X AN 1	/30
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	FA1 Type of Financial Accounting Data
Position:	293
Loop:	FA1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation
Syntax Notes:	
Semantic Notes:	1 FA101 Identifies the organization controlling the assignment of financial accounting information.
	2 FA102 Identifies the purpose of the accounting allowance or charge information.
Comments:	

Data Element Summary Ref. Data Des. Element Name Attributes 559 Must Use **FA101 Agency Qualifier Code** M ID 2/2 Code identifying the agency assigning the code values DF Department of Defense (DoD) Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA. DN Department of the Navy Includes the United States Marine Corps. DY Department of Air Force DZ Department of Army FG Federal Government Not Used FA102 1300 Service, Promotion, Allowance, or Charge Code 0 ID 4/4 Code identifying the service, promotion, allowance, or charge Not Used FA103 248 Allowance or Charge Indicator O ID 1/1 Code which indicates an allowance or charge for the service specified

Segment:	FA2 Accounting Data
Position:	294
Loop:	FA1 Optional
Level:	Heading
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify the detailed accounting data
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Use this segment to identify the various

s components of the line of accounting and numbers associated with a line of accounting.

Data Element Summary

Must Use	Ref. <u>Des.</u> FA201	Data <u>Element</u> 1196		Structure Detail Code Attributes M ID 2/2 ying details relating to a reporting breakdown structure tree
			18	Funds Appropriation
			10	Coding to track the source of funds (such as various government agencies) Use to indicate the basic appropriation number (department code through appropriation limit). Example: 1717979818100400.
			A1	Department Indicator
			A2	Transfer from Department
			A3	Fiscal Year Indicator
			A4	Basic Symbol Number
			A5	Sub-class
			A6	Sub-Account Symbol
			B1	Budget Activity Number
			B2	Budget Sub-activity Number
			C1	Program Element
			C2	Project Task or Budget Subline
			C3	Budget Restriction
			D1	Defense Agency Allocation Recipient
			D2	Defense Agency Sub-allocation Recipient
			D3	Component Allocation Recipient
			D4	Component Sub-allocation Recipient
			D5	Allotment Recipient
			D6	Sub-allotment Recipient
			D7	Work Center Recipient
			E1	Major Reimbursement Source Code
			E2	Detail Reimbursement Source Code
			E3	Customer Indicator
			F1	Object Class
			F2	Object Sub-class
			F3	Government or Public Sector Identifier
			F4	Country Code
			G1	Program or Planning Code
			G2	Special Interest Code or Special Program Cost Code
			H1	Cost Code
			H2	Labor Type Code

850 Purchase Order		
	H3	Cost Allocation Code
	H4	Classification Code
	I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
	J1	Document or Record Reference Number
	L1	Accounting Installation Number
	NI	Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code. Transaction Type
	P1	Disbursing Station Number
	P2	International Balance of Payments (IBOP) Code
	P3	Voucher Number
	ZZ	Mutually Defined
		Use to indicate the balance of the financial accounting data which should include the Accountable Station Number identified by the use of code L1 in another iteration of this segment.
Must Use FA202 1195		
	Code representing	g financial accounting information

Segment:	N9 Reference Identification
Position:	295
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	1. Use this loop to identify various references that are applicable to the entire award instrument. If the references vary by line item, use the 2/N9/330 segment.

2. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment. If an alternate is cited in N907-1/N907-2, the date of the alternate MUST be cited in the 1/DTM/297 segment citing code 102 in DTM01.

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	<u>Attributes</u>
Must Use	N901	128		lentification Qualifier M ID 2/3
			Code qualify	ing the Reference Identification
			2E	Foreign Military Sales Case Number
				A reference number designating the foreign military sale records
				Use to indicate a Foreign Military Sale (FMS).
			28	Catalog
			av	Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source for a grant can be found.
			2Y	Wage Determination
			5N	Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is identified by reference only or to identify the Wage Determination if it is provided by some other means identified in the 1/PWK/210 segment. Citation of Statute
				Use to indicate the legislative authorization under which this instrument, e.g., a grant, is awarded. Cite the legislative program title in N903.
			73	Statement of Work (SOW)
				Description of a product or service to be procured under a contract; statement of requirements If a Statement of Work is part of the award, the 1/PWK/210 segment can be used to identify how it is
			07	being provided.
			87	Functional Category
				An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc

	Use to indicate the North American Industry Classification System code.
ADA	Agency for International Development Acquisition Regulation (AIDAR)
AH	Agreement Number
	Use to indicate a Union Agreement number.
AU	Authorization to Meet Competition Number
	Use to indicate the FAR Part 6 authority for using other than full and open competition.
CJ	Clause Number
	Use to indicate a clause other than a clause found in the FAR, DFARS, a Civilian Agency FAR supplement, etc. Identify the organization issuing the clause in N907-1 citing either code DUN or DX.
CR	Customer Reference Number
	Use to indicate the internal number the contractor
DE	assigned to the buying party.
DF	Defense Federal Acquisition Regulations (DFAR)
DG	Drawing Number
DHH	Department of Health and Human Services Acquisition Regulation (HHSAR)
DOA	Department of Agriculture Acquisition Regulation (AGAR)
DOC	Department of Commerce Acquisition Regulation (CAR)
DOE	Department of Energy Acquisition Regulation (DEAR)
DOI	Department of Interior Acquisition Regulation (DIAR)
DOJ	Department of Justice Acquisition Regulation (JAR)
DOL	Department of Labor Acquisition Regulation (DOLAR)
DOS	Department of State Acquisition Regulation (DOSAR)
DOT	Department of Transportation Acquisition Regulation (TAR)
DS	Defense Priorities Allocation System (DPAS) Priority
	Rating
DTO	When used, the code cited in N902 is a 4 position code.
DTS	Department of the Treasury Acquisition/Procurement Regulation (TAPR)
E4	Charge Card Number Use to indicate the Government credit card number
	under which payment for this instrument will be made.
	When required, identify the card expiration date in the
	1/DTM/297 segment citing code 036 in DTM01.
EC	Circular
	Use to identify an Office of Management and Budget
EDA	<i>(OMB) circular number.</i> Department of Education Acquisition Regulation
DDIT	(EDAR)
EPA	Environmental Protection Agency Acquisition
	Regulation (EPAAR)
FA	Federal Acquisition Regulations (FAR)
GS	General Services Administration Regulations (GSAR)
HF	Engineering Data List
HT	Code of Federal Regulations
HUD	Department of Housing and Urban Development Acquisition Regulation (HUDAR)
IJ	Standard Industry Classification (SIC) Code

K4

K7

KD

Use to indicate the Standard Industrial Classification (SIC) Code applicable to this award instrument. Criticality Designator

A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions

Use to indicate the surveillance criticality designator applicable to the award instrument. Paragraph Number

Use to indicate information for a contractor. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires. Special Instructions Number

Use to indicate a special instruction. Indicate the agency or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.

A discreet number assigned by the purchasing activity

Use to indicate the solicitation number that resulted in this award instrument. If applicable, identify the last amendment number of the solicitation in N907.

to differentiate between different solicitations

Site Specific Procedures, Terms, and Conditions

Solicitation

KY

KS

KΖ

MU NAS

NI NJ

NL

P4

PR

QC

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
Master Solicitation Procedures, Terms, and Conditions
A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be
· · · · · · · · · · · · · · · · · · ·

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 Use to indicate the Master Solicitation number that

- contains applicable terms and conditions. Military Specification (MILSPEC) Number
- National Aeronautics and Space Administration FAR Supplement (NFS)
- Military Standard (MIL-STD) Number
- **Technical Document Number**
- **Technical Order Number**
 - **Project** Code Use to indicate the project number applicable to this award instrument.
 - Price Quote Number
 - Use to indicate the contractor's quote or offer number. Product Specification Document Number

			BO	Model designation of replacement compo	onent
			RQ	Purchase Requisition Number Use to indicate the Purchase Request (P the Purchase Request Order Number (P necessary to identify the line item number or PRON, cite that number in N907.	RON). If it is
			S3	Specification Number	
			TN	Use to indicate a specification number of Military Specification (MIL-SPEC). Wh the specification number in N902 and id issuing activity by citing either code DU N907-1 or by its text name in N903. Transaction Reference Number	hen used, cite lentify the
				1. Use to indicate the unique reference is related transaction set (e.g. an 841 trans carrying a technical specification or a dis transaction set has a unique number. In an 841 transaction set, that number is co SPI02.	eaction set rawing). Each in the case of
				2. When used, cite the related transaction unique number in N902 and cite the X12 set designator (841) of the related transa N907-1 using code 7U.	2 transaction
			TP	Test Specification Number	
			VB VW	Department of Veterans Affairs Acquisiti Regulations (VAAR) Standard	on
				Use to indicate a standard other than a N When used, cite the standard number in ASTMD3951, and, if necessary, further	N902, e.g.,
			W2	standard in N903. Weapon System Number	
				Identifies a weapon system	
				Use to indicate the Weapon System Code	2.
			WF	Locally Assigned Control Number	
			XY	Other Unlisted Type of Reference Number	
				Use to indicate any other reference that a specific qualifier code. Indicate the source reference in N903 and use the following	ce of the
	N902	127	Reference Ident	segment, if necessary, to pass text.	X AN 1/30
	11902	127	Reference inform	nation as defined for a particular Transaction S Reference Identification Qualifier	
	N903	369	Free-form Descri	ription	X AN 1/45
			1. When N901 is	s code CJ, use to identify the organization iss it cannot be identified by a code in N907.	uing the clause
				code XY, use to identify the source of the rej SG segment for text, if necessary.	ference and use
				rm text is discouraged if the information can is within the transaction set.	be provided by
	N904	373	Date		O DT 8/8
			Date expressed as		
			1. Use to identify	w the issue date applicable to the reference ci	ted in N901.
010F850_0				48	14 April 1998

				of the date is always 01.
Not Used	N905	337	Time	onal dates applicable to the N901 reference, use the 1/DTM/29 X TM 4/8 d in 24-hour clock time as follows: HHMM, or HHMMSS, or
			HHMMSSD, c 59), S = intege	or HHMMSSDD, where $H = hours (00-23)$, $M = minutes (00-er seconds (00-59) and DD = decimal seconds; decimal seconds$
Not Used	N906	623	are expressed a	as follows: $D = \text{tenths} (0.9) \text{ and } DD = \text{hundredths} (00-99)$ O ID 2/2
	11,500		Code identifying	ng the time. In accordance with International Standards tandard 8601, time can be specified by $a + or - and an indication of the standard standar$
			-	ation to Universal Time Coordinate (UTC) time; since + is a
	N907	C040	restricted chara Reference Ide	acter, + and - are substituted by P and M in the codes that followentifier O
			To identify one	e or more reference numbers or identification numbers as
				e Reference Qualifier
			with the refere	osite data element to identify references that are associated ence identified in N901, e.g., an alternate clause number, a
Must Use	C04001	128	sheet of a drav Reference Ide	entification Qualifier M ID 2/3
	001001			g the Reference Identification
			2G	Amendment
			7M	Frame
				Use in conjunction with N901 code DG.
		,	7P	Sheet
				Use in conjunction with N901 code DG.
			7S	Drawing Type
				Use in conjunction with N901 code DG.
			7U	Related Transaction Reference Number
				Use in conjunction with N901 code TN to indicate the X12 designation (e.g., 841) of the related transaction
				set.
			8Z	Alternate Clause Number
			DUN	D-U-N-S Number Dun & Bradstreet
				Use in conjunction with codes CJ or S3.
			DX	Department/Agency Number
				Use in conjunction with N901 code CJ or S3 to indicate a Department of Defense or Civilian Agency Activity Address Code.
			FJ	Line Item Control Number
				A unique number assigned to each charge line used for tracking purposes
				Use in conjunction with N901 code RQ to indicate the
				PR or PRON line item.
			W8	Suffix
				Differentiates between partial actions taken on the
			YB	original transaction Revision Number
Must Use	C04002	127	Reference Ide	
			Reference info	rmation as defined for a particular Transaction Set or as a Reference Identification Qualifier
	C04003	128		entification Qualifier X ID 2/3
			Code qualifyin	g the Reference Identification
			7M	Frame
			7P	Sheet

For clauses that have a date expressed only as a month and year, the DD

850 Purchase (Order
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		7S	Drawing Type		
C04004	127	Reference Ide	entification	Χ	AN 1/30
			ormation as defined for a particular Transaction or Reference Identification Qualifier	on Set	oras
C04005	128	Reference Ide	entification Qualifier	Χ	ID 2/3
		Code qualifyin	ng the Reference Identification		
		7M	Frame		
		7P	Sheet		
		7S	Drawing Type		
C04006	127	Reference Ide	entification	Χ	AN 1/30
			rmation as defined for a particular Transaction e Reference Identification Qualifier	on Set	or as

Segment:	DTM Date/Time Reference
Position:	297
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	

Comments:

Data Element Summary Ref. Data Name Des. Element Attributes Must Use **DTM01** 374 **Date/Time Qualifier** M ID 3/3 Code specifying type of date or time, or both date and time 007 Effective Use to indicate the effective date applicable to a reference cited in N901. Expiration 036 Date coverage expires Use to indicate the expiration date applicable to a reference cited in N901. 102 Issue Use to provide a date applicable to a reference cited in N907-1. 171 Revision Use in conjunction with N907-1 code YB. **DT 8/8 DTM02** 373 X Date Date expressed as CCYYMMDD When N907-1 is code 8Z and DTM01 is code 102, the DD (day) portion of the date is always 01. Not Used **DTM03** 337 Time X TM 4/8 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 seconds; decimal seconds are expressed as follows: D = tenths (0.9) and DD = hundredths (00.99)Not Used **DTM04** 623 **Time Code** O ID 2/2Code 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 Not Used **Date Time Period Format Qualifier** X ID 2/3 **DTM05** 1250 Code indicating the date format, time format, or date and time format Not Used **Date Time Period DTM06** 1251 X AN 1/35 Expression of a date, a time, or range of dates, times or dates and times

MSG Message Text

300

Position: Loop: Level: Usage: Max Use: **Purpose:** Syntax Notes: Semantic Notes: **Comments:**

Notes:

Segment:

N9 Optional Heading Optional 1000 To provide a free-form format that allows the transmission of text information If MSG03 is present, then MSG02 is required. 1 1 MSG03 is the number of lines to advance before printing. 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc. 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.

2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.

3. When providing fill-in information, the following format is recommended:

a) In the first iteration of the segment, cite the clause title, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.

b) For each fill-in, begin a new MSG segment using the sequence in which the fillins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.

4. The purpose of the pipe sign () is to provide an indication to receiving applications that the data string related to a single entry has been completed.

An example of a clause with 3 fill-ins follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate []3] MSG*1. 30 MSG*2. 30 Sep 1995 MSG*3. 15 Jan 1995

5. An example alternative format provides all fill-in information within the title MSG segment as follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate 1330 Sep 30, 1995 Jan 15, 1995

Data Element Summary

	Kel.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text	Μ	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	X	ID 2/2
			A field to be used for the control of the line feed of the receiv	/ing p	orinter
Not Used	MSG03	1470	Number	0	NO 1/9
			A generic number		

Rof

Date

NT1

	a ,	N1 N	r	
	Segment:		lame	
	Position:	310	Desting al () for st U	
	Loop: Level:	N1 (Heading	Optional (Must U	(SC)
	Usage:	•	(Must Use)	
Ţ	Max Use:	1	(Must Ose)	
	Purpose:	To identi	fy a party by typ	e of organization, name, and code
	ax Notes:			or N103 is required.
		2 If eit	ther N103 or N10	04 is present, then the other is required.
	tic Notes:			
Co	omments:	orga prov	nizational identified identified a key to the t	lone, provides the most efficient method of providing fication. To obtain this efficiency the "ID Code" (N104) must table maintained by the transaction processing party. her define the type of entity in N101.
	Notes:	1. Use th the infor	is loop to identij mation varies by	fy organizations or locations that apply to all the line items. If y line item, use the 2/N1/350 loop. Persons affiliated with entified in the 1/PER/360 segment.
		2. Use oj Names a	f N101, N103, an	nd N104 is REQUIRED to identify organizations or locations. text, may be additionally provided using segments N2 through
		3. At leas	st 2 iterations of	this segment are REQUIRED using codes BY and SE.
		4. Codes	s used in N101 a	t this location may not be used in the 2/N1/350 segment.
	D 4		Data E	Element Summary
	Ref.	Data	Nama	Attributes
Must Use	<u>Des.</u> N101	<u>Element</u> 98	<u>Name</u> Entity Identifi Code identifyir individual	er Code M ID 2/3 ng an organizational entity, a physical location, property or an
			56	Servicing Dealer
			61	Use to indicate a dealer who services a product. This is the location to obtain service, such as a repair. Performed At
			01	The facility where work was performed
				Use to indicate additional places of performance, if applicable.
			7D	Contracting Officer Representative
			7E	Party Authorized to Definitize Contract Action
			7N	Party to Receive Proposal
				Use to indicate the office to receive a proposal for an undefinitized contract action.
			7 P	Transportation Office
			92	Support Party
				The organization supporting the resolution of an investigation
				Use to indicate a secondary Contract Administration
				Office.
			90	Party to Contract
				Use to indicate the party to whom a contract is awarded if other than the selling party, e.g., the Small Business Administration for a Section 8A award. The contract number awarded by the SBA is cited in BEG06

BEG06.

Investigator

Use to indicate the principal Grant Investigator's organization if other than the selling party. Buying Party (Purchaser)

Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

Use to indicate the country to which a Foreign Military Sale applies.

Dealer

Country

Use to indicate a dealer or reseller of products. Distributor

Use to indicate a distributor of products.

Delivery Zone

Area where the product was delivered

1. Use to indicate an area to which deliveries are expected to be made under a requirements or an indefinite delivery type award instrument. Specify the zone in N104 (e.g., 10, 11, 12, etc., must be a minimum of 2 positions) using code ZN in N103 and identify the states or countries that comprise the zone in N402 or N404. The zone number will be cited in CTP10 and the price associated with delivery to that zone will be specified in CTP03.

2. If the FOB point varies by delivery zone or by locations within a delivery zone, identify the FOB point in the 1/N4/340 segment. Facility

Use to indicate the principal place of performance when other than the address identified with code SE. Material Safety Data Sheet (MSDS) Recipient

Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent. Authorized Entity

Use to indicate activities authorized to place orders against award instruments, e.g., requirements, indefinite quantity, Blanket Purchase Agreements (BPAs), Basic Ordering Agreements (BOAs), etc. Audit Office

The office performing the audit

Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the Government organization responsible for a project to include the advisor under a

Grant.

Technical Office

Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal

J2

FA

HMI

BY

C4

CY

DL

DS

DZ

KF

KG

KΥ

o so Fuicilase	Order			the attention of the stand		
			PL	<i>directly with the cited party.</i> Party to Receive Purchase Order		
			1 L	Use to indicate entities other than the	conti	actor that
				are to receive copies of the award inst		
			PO	Party to Receive Invoice for Goods or		
				Use to indicate where the invoice show		
			PR	Payer		
				Use to indicate the paying office.		
			R6			
			RO	Requester	(• 4
			DI	Use to indicate the requesting agency/	activ	uy.
			RI	Remit To		
			SE	Use to indicate the place to send paym different from the contractor's address financial office location, etc.	•	
			SE	Selling Party		
			TQ	Use to indicate the party receiving the award is for a Section 8a contract, als identify the Small Business Administr	o use ation	code 90 to
			IQ	Third Party Reviewing Organization (7		*
				Use to indicate the office for receipt of disclosure sensitive information per D 5230.25.		•
Not Rec	N102	93	Name		Χ	AN 1/60
			Free-form name			
Must Use	N103	66	Identification Coo Code designating t Code (67)	de Qualifier he system/method of code structure used	X for Id	ID 1/2 entification
			1	D-U-N-S Number, Dun & Bradstreet		
				Use of the DUNS or DUNS+4 number	r is pr	eferred
				over other codes to identify an entity.	-	
			9	D-U-N-S+4, D-U-N-S Number with Fo	our C	haracter
				Suffix		
				Use of the DUNS or DUNS+4 number	r is pi	eferred
			10	over other codes to identify an entity. Department of Defense Activity Addre	ss Co	de
			10	(DODAAC)	33 00	de
				Use to indicate a Department of Defen	ise or	Civilian
				Agency Activity Address Code.		
			33	Commercial and Government Entity (C	AGE	2)
			38	Country Code		
			ZN	Use in conjunction with N101 code C position ISO 3166 country code in N1 Zone		cite the 2
				When N101 is code DZ, use to indicat	e a di	eliverv
				zone.		
Must Use	N104	67	Identification Code identifying a		X	AN 2/80
			When N103 is cod	le ZN, cite one of the following:		
			b. The word "CO. States that are not c. The word "WO	e designation, e.g., 01, 10, 1a, etc. NUS" to specify all points within the cou otherwise identified within a zone. PRLD" to specify all points outside the co otherwise identified within a zone.		
Not Used	N105	706	Entity Relationsh Code describing er		0	ID 2/2
Not Used	N106	98	Entity Identifier	Code	0	ID 2/3
004010F850_0				55		14 April 1998

Code identifying an organizational entity, a physical location, property or an individual

Segment:	N2 Additional Name Information
Position:	320
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Not Recommended)
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

Must Use

Ref.	Data		
Des.	Element	Name	<u>Attributes</u>
N201	93	Name Free-form name	M AN 1/60
N202	93	Name Free-form name	O AN 1/60

Segment: **Position:**

Max Use:

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

n...

Dete

N3 Address Information 330 Loop: Level: Usage: N1 Optional (Must Use) Heading Optional (Not Recommended) 2 To specify the location of the named party

Data Element Summary

	Rei.	Data		
	Des.	<u>Element</u>	Name	Attributes
Must Use	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment:	N4 Geographic Location
Position:	340
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	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.

Notes:

2 N402 is required only if city name (N401) is in the U.S. or Canada. When N101 is code DZ and N104 does not cite the words "CONUS" or "WORLD", this segment may by used to identify locations within a delivery zone and the FOB point if it varies by delivery zone or locations within a delivery zone.

Data Element Summary

Ref.	Data				
Des.	Element	Name		Att	ributes
N401	19	City Name		0	AN 2/30
		Free-form text fo	r city name		
			s is a military overseas post office, cite A lentify an Army Post Office (APO) or Fle		
N402	156	State or Provinc	e Code	0	ID 2/2
			State/Province) as defined by appropriate	governr	nent agency
		Use codes AA (A (Armed Forces F	rmed Forces Americas), AE (Armed For Pacific) as appropriate for the military o	rces Eu	rope), or AP post office.
N403	116	Postal Code		0	ID 3/15
		Code defining int (zip code for Uni	ternational postal zone code excluding pu ted States)	nctuatio	on and blanks
N404	26	Country Code		0	ID 2/3
		Code identifying	the country		
		Cite the two posit	tion ISO 3166 country code.		
N405	309	Location Qualifi	ier	X	ID 1/2
		Code identifying	type of location		
			ode DZ and the 1/FOB/080 segment is no use to specify the FOB point for a deliver zone.		
		DE	Destination (Shipping)		
		OA	Origin (After Loading on Equipment))	
		OR	Use to indicate FOB Origin with transcharges prepaid by the seller and ad item to the invoice. See FAR clause Origin (Shipping Point)	ded as a	a separate
		TM	Use to indicate FOB Origin with trans charges paid by a Government Bill of Terminal		
			1. Use to indicate that the FOB poin outside the continental United States transportation terminal and not at o destination. FAR clauses 52.247-38 similar FAR clause may apply.	s is loca rigin or	ted at a
		ZN	2. When used, identify the FOB point Zone Code	nt in N4	106.

Qualifies a code that identifies a geographic area where transportation rates apply

When it is necessary to associate the entity identified in N101 with a delivery zone, use this code in conjunction with an appropriate N101 code (e.g., DL, DS, 56, etc.).

N406

310

Location Identifier

O AN 1/30

Code which identifies a specific location

1. When N405 is code TM, use to identify the location of the FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.

2. When N405 is code ZN, use to identify a delivery zone associated with the entity identified in N101. Identify the delivery zone using the same zone number or keyword specified in establishing the zone.

050 Turenas	e oldel	-	-		
	Segment:	REF	Reference Id	lentification	
	Position:	350			
	Loop:		Optional (Must	lise)	
	Level:	Heading	spironar (music)		
	Usage:	Optional			
	Max Use:	12			
	Purpose:		fy identifying in	formation	
	ax Notes:	•	• • •	02 or REF03 is required.	
~				C04004 is present, then the other is required.	
				C04006 is present, then the other is required.	
Seman	tic Notes:			a relating to the value cited in REF02.	
Co	mments:			5	
	Notes:	Use to id	entify major su	bdivisions and lower levels within the selling par	ty's
				provide a special price authorization number, ij	•
		Ū			
			Data	Element Summary	
	Ref.	Data			
	Des.	Element	Name	<u>A</u>	<u>ttributes</u>
Must Use	REF01	128	Reference Ide	entification Qualifier N	1 ID 2/3
			Code qualifyir	ng the Reference Identification	
			19	Division Identifier	
				Use to indicate the major subdivision nan	ne of the
				organization identified in N101. For exam	•
				of Engineering or Adhesive Products Div	-
				the name in REF03.	Store Cite
			9B	Repriced Line Item Reference Number	
				1. Use to indicate a special price authoriz	ation
				number.	utton
				пипрет.	
				2. When used, code SPC should be used i	in CTP02 in
				the 2/CTP/040 segment within the PO1 lo	
				items that are authorized a special price.	
				include the name of the person authorizin	
				using code 1A in PER01 in the 1/PER/36	
			DP	Department Number	0
				Use to indicate the department, service, la	boratory, or
				equivalent level within the major subdivis	•
				(code 19) of the organization. For examp	
				Department of Industrial Engineering or	
				Department. Cite the name in REF03.	
	REF02	127	Reference Ide	entification X	AN 1/30
			Reference info	ormation as defined for a particular Transaction Se	et or as
			specified by th	e Reference Identification Qualifier	
	REF03	352	Description	λ	AN 1/80
			A free-form de	escription to clarify the related data elements and t	their content
Not Used	REF04	C040	Reference Ide		
not esta	ILLI UT	0.040		e or more reference numbers or identification num	
			•	ne Reference Qualifier	10015 45
Not Used	C04001	128		entification Qualifier N	1 ID 2/3
Not Oscu	C04001	120		ng the Reference Identification	1 10 215
Not Hand	C0 4002	127	Reference Ide		AN 1/20
Not Used	C04002	127		entification Normation Normation as defined for a particular Transaction Sector Sector Normation Sector Normation Sector Normation Sector Normation Sector Normation Normation Sector Normation N	
				ne Reference Identification Qualifier	1 01 45
Not Used	C04003	128	• •	entification Qualifier	ID 2/3
not Useu	04005	120		ng the Reference Identification	11/ 2/3
Not Hard	C0 400 4	107		-	A NT 1/20
Not Used	C04004	127	Reference Ide		
			Reference info	ormation as defined for a particular Transaction Se	et or as

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850 Purchas	e Order				
			specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		\$
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier	n Set	or as

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850 Purchas	e Order							
	Segment:	PER	Administrati	ve Communications Contact				
	•		K Aummistrati	ve communications contact				
	Position:	360 N1 (Intional (Must I	Ice)				
	Loop: Level:							
		Heading						
	Usage:	Optional						
	Max Use:	>1 Ta idanti	6	Contraction and a single terretion a second second second				
Sum	Purpose:			ffice to whom administrative communication	is should be directed			
Synt	ax Notes:			ER04 is present, then the other is required.				
				ER06 is present, then the other is required.				
C		3 If eit	iner PERU/ or P	ER08 is present, then the other is required.				
	tic Notes:							
C	omments:	The data provides and to provide contractions contacts are sint during the second of						
	Notes:		Use this segment to provide communications contacts associated with the entities cited					
		in the sai	me N1 loop.					
			Detal					
	DC	D	Data E	Element Summary				
	Ref.	Data	D.		A *B			
	Des.	Element	Name		Attributes			
Must Use	PER01	366	Contact Funct		M ID 2/2			
				ng the major duty or responsibility of the per	U 1			
				the various individuals who can be contact	ted regarding			
				of this award instrument.				
			1A	Review/Repricing Contact				
				1. When N101 is code SE, use to ind	'icate an			
				individual who authorized a one time	e special price for			
				line items in this award instrument, e	e.g., a spot pricing			
				reduction from an existing contract of	or catalog price.			
				In this instance, PER02 MUST be us	ed.			
				2. When used, code SPC should be u				
				the 2/CTP/040 segment within the P0				
				items that are authorized a special pr				
				include the authorization number pro	•			
				selling party in REF01 in the 1/REF/	350 segment			
				using code 9B.				
			AC	Administrative Contracting Officer				
				Use in conjunction with N101 code C	74.			
			AT	Material Safety Data Sheet Contact				
				Use in conjunction with N101 codes	BY. HML or 7P			
			AV	Advisor				
			AV					
				Use in conjunction with N101 code k				
				Government technical representative				
				with the contractor on basic R&D eff	orts in a			
				particular science area.				
			BD	Buyer Name or Department				
				1. Includes Grants Management Spe	ecialists.			
				a descent and the second second				
				2. Use in conjunction with N101 cod	le BY			
			CD	Contract Contact				
				Use in conjunction with N101 code 7	D to indicate a			
				Contracting Officer's Representative.				
			IC	Information Contact				
				Use in conjunction with an applicabl	e N101 code to			
				indicate an information point of cont				
				other code applies.				
			PC	Purchasing Contracting Officer (PCO))			
				Person to whom a warrant has been is				
				reison to whom a warrait has been is	sucu autionizing			

that person to obligate funds on behalf of the government 1. Includes Grants/Contract Project Officer. 2. Use in conjunction with N101 code BY. PP Program Manager 1. Includes Grants Project Officer 2. Use in conjunction with N101 code KG **OR** Ordering Officer An individual authorized to place orders against existing contracts When N101 is code J2, use to indicate persons within an activity authorized to place orders against award instruments. SI Investigator Use in conjunction with N101 codes 9P or SE to indicate the party designated as the principal investigator. SU Supplier Contact Use in conjunction with N101 code SE to indicate a contact within the selling party's organization. **PER02** 93 Name O AN 1/60 Free-form name Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title. **PER03** 365 **Communication Number Qualifier** X ID 2/2 Code identifying the type of communication number TE Telephone **PER04** 364 **Communication Number** X AN 1/80 Complete communications number including country or area code when applicable The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123. **PER05** 365 **Communication Number Qualifier** X ID 2/2 Code identifying the type of communication number Facsimile FX PER06 364 **Communication Number** X AN 1/80 Complete communications number including country or area code when applicable The fax number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. **PER07** 365 **Communication Number Qualifier** X ID 2/2 Code identifying the type of communication number EM Electronic Mail **PER08** 364 X AN 1/80 **Communication Number** Complete communications number including country or area code when applicable **PER09** 443 0 AN 1/20 **Contact Inquiry Reference** Additional reference number or description to clarify a contact number Use, if necessary, to provide the title of the party cited in PER02.

	Segment:	LM	Code Source Information				
	Position:	430					
	Loop:		Optional				
	Level:	Heading					
	Usage:	Optional					
	Max Use:	1					
	Purpose:	To transr	nit standard code list identification information				
Synt	ax Notes:						
•	tic Notes:						
	omments:	1 LM0	1 LM02 identifies the applicable industry code list source information.				
	Notes: Ref.	header o example codes, fid 2. If the Data	his loop to provide data that cannot be conveyed in other set of this transaction set and which apply to the entire award in Federal Procurement Data System information such as typ eld contract administration office data, and special contract data can be conveyed at the line item level, use the 2/LM/6 Data Element Summary	strum e of bu t condit 20 loop	ent. For isiness tions.		
	Des.	Element	Name		ibutes		
Must Use	LM01	559	Agency Qualifier Code	Μ	ID 2/2		
			Code identifying the agency assigning the code values				
			FG Federal Government				
	LM02	822	Source Subqualifier	Ο	AN 1/15		
			A reference that indicates the table or text maintained by the Source Qualifier				
			Use to identify the code list that contains the code cited in LQ02, e.g., FP1. Code lists maintained by the Federal Procurement Functional Work Group are contained in the Federal EDI Coding Manual and may be found at URL: http://snad.ncsl.nist.gov/fededi.				

Segment:	${f LQ}$ Industry Code
Position:	440
Loop:	LM Optional
Level:	Heading
Usage:	Mandatory
Max Use:	>1
Purpose:	Code to transmit standard industry codes
itax Notes:	1 If LQ01 is present, then LQ02 is required.
ntic Notes:	

Syntax Notes: Semantic Notes: Comments:

Data Element Summary

Ref.	Data					
Des.	Element	Name		Att	<u>ributes</u>	
LQ01	1270	Code List Qualit	ier Code	0	ID 1/3	
		Code identifying	a specific industry code list			
		ZZ	Mutually Defined			
			Use to indicate that a code list is identi	ified i	in LM02.	
LQ02	1271	Industry Code		X	AN 1/30	
		Code indicating a code from a specific industry code list				
		type of business i	e from the code list identified in LM02, e.g in accordance with the Federal Procureme ss Type codes contained in Federal Procu	ent De	ata System,	

.

Segment:	SPI Specification Identifier
Position:	450
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	1
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:	
Comments:	
Notes:	This loop is used to carry the security information which is normally provided in the

This loop is used to carry the security information which is normally provided in the Department of Defense Contract Security Classification Specification (DD Form 254). All data contained in this loop is applicable to the DD Form 254.

Data Element Summary

	Ref.	Data					
	Des.	Element	Name			<u>ributes</u>	
Must Use	SPI01 786		Security Level			ID 2/2	
			-	the level of confidentiality assigned by the se	nder	to the	
			information foll	•	the	data	
			Use to identify the highest level of safeguarding required for the data associated with the award instrument.				
			90	Government Non-Classified			
			92	Government Confidential			
			93	Government Secret			
			94	Government Top Secret			
	SPI02	128		tification Qualifier	x	ID 2/3	
	51102 120			the Reference Identification		10 110	
			Use to identify the award instrument number applicable to the Contract				
			~ ~ ~	fication Specification.		omnuci	
			CT	Contract Number			
	SPI03	127	Reference Iden	tification	X	AN 1/30	
			Reference infor	mation as defined for a particular Transaction	Set	or as	
				Reference Identification Qualifier			
Not Used	SPI04	79 0	Entity Title		0	AN 1/132	
			Title of the data				
Not Used	SPI05	791	Entity Purpose		0	AN 1/80	
				the existence of the data item specified by the nt of its presence in an EDI transaction	eleci	tronic data	
Not Used	SPI06	792	Entity Status C	-	0	ID 1/1	
Not Osed	51100	174		the current status of the data item specified by	-		
			data item				
	SPI07	353	Transaction Se	et Purpose Code	0	ID 2/2	
			Code identifying purpose of transaction set				
				the type of Contract Security Classification S	peci	fication	
			being issued.				
			00	Original			
			04	Change			
				Use to indicate a revised Contract Secu	rity		
			20	Classification Specification. Final Transmission			
			20		. 01		
				Use to indicate a final Contract Securit Specification.	y Cl	ussification	
	SPI08	755	Report Type C	1 5	0	ID 2/2	
			Code indicating the title or contents of a document, report or supporting item				
			SF	Contract Security Classification Specific		-	
0040105950 0				/7		1.4.4.11.1000	

850 Purchas	e Order				
	SPI09	786	Security Level Code	0	ID 2/2
			Code indicating the level of confidentia information following	lity assigned by the sender	r to the
			Use to indicate the facility clearance le	evel required for the award	d instrument.
			92 Government Confi	idential	
			93 Government Secre	et	
			94 Government Top S	Secret	
Not Used	SPI10	559	Agency Qualifier Code Code identifying the agency assigning t	O the code values	ID 2/2
Not Used	SPI11	822	Source Subqualifier A reference that indicates the table or te	O ext maintained by the Sour	AN 1/15 ce Qualifier
Not Used	SPI12	554	Assigned Number Number assigned for differentiation within a transaction set		N0 1/6
Not Used	SPI13	1322	Certification Type Code Code indicating the type of certification		ID 1/1
Not Used	SPI14	1401	Proposal Data Detail Identifier Code Code identifying the basis of a cited value in a proposal		ID 1/3
Not Used	SPI15	1005	Hierarchical Structure Code Code indicating the hierarchical applica utilizes the HL segment to define the str		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes:	460 SPI Heading Optional 5 To specin 1 At le 2 If eit	fy identifying information east one of REF02 or REF03 is required. ther C04003 or C04004 is present, then the other is required.		
Seman	tic Notes:		ther C04005 or C04006 is present, then the other is required. 04 contains data relating to the value cited in REF02.		
	omments: Notes:	Use this	segment to identify reference numbers applicable to the Cor ation Specification.	ıtract	Security
			Data Element Summary		
	Ref.	Data			
Must Use	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Identification Qualifier Code qualifying the Reference Identification	<u>Att</u> M	ributes ID 2/3
			3X Subcontract Number		
			KS Solicitation		
			A discreet number assigned by the pure to differentiate between different solici YB Revision Number		
			When SP107 is code 04, use to indicat number of the Contract Security Class Specification.		
	REF02	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier	n Set	or as
Not Used	REF03	352	Description A free-form description to clarify the related data elements a	X and the	AN 1/80 eir content
Not Used	REF04	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	numb	ers as
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	Μ	ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transactio	M n Set	AN 1/30 or as
Not Used	C04003	128	specified by the Reference Identification Qualifier Reference Identification Qualifier	x	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transactio	X n Set	AN 1/30 or as
Not Used	C04005	128	specified by the Reference Identification Qualifier Reference Identification Qualifier Code qualifying the Reference Identification	x	ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	X n Set (AN 1/30 or as

Segment:	DTM Date/Time Reference
Position:	470
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	

Comments: Notes:

Use this segment to identify dates applicable to the Contract Security Classification Specification.

	Dof	Data	Data Elem	ent Summary	
	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	<u>374</u>	Date/Time Qualifie	er	M ID 3/3
			-	be of date or time, or both date and time	
			036	Expiration	
				Date coverage expires	
				When SPI02 is code CT, use to indica date of the award instrument.	te the expiration
			165	Final Issue	
			171	When SPI07 is code 20, use to indicat final Contract Security Classification Revision	
			171		a the data of the
			334	When SPI07 is code 04, use to indicat revised Contract Security Classification Re-evaluation Date	
				The date on which the student's placem	ent in special
				education or other programs will be re-	
				Use to indicate the biennial review dat	•
			703	Contract Security Classification Speci	fication.
			705	Retransmission Time Stamp	a the date of the
				When SPI07 is code 00, use to indicat original Contract Security Classificati	_
	DTM02	373	Date	onginal contract security chassifican	X DT 8/8
			Date expressed as C	CYYMMDD	
Not Used	DTM03	337	Time		X TM 4/8
			HHMMSSD, or HH	4-hour clock time as follows: HHMM, or MMSSDD, where $H =$ hours (00-23), M onds (00-59) and DD = decimal seconds;	l = minutes (00-
			-	lows: $D = tenths (0-9) and DD = hundred$	
Not Used	DTM04	623	Time Code	e time. In accordance with International S	O ID 2/2
				rd 8601, time can be specified by $a + or$	
			in hours in relation t	to Universal Time Coordinate (UTC) time	e; since + is a
Not Used	DTMOS	1350	-	+ and - are substituted by P and M in the	
HUL USED	DTM05	1250	Date Time Period Code indicating the	date format, time format, or date and tim	X ID 2/3 ne format
Not Used	DTM06	1251	Date Time Period	·····, ·····, ······, ··· ·····	X AN 1/35
				e, a time, or range of dates, times or dates	

Segment:	MSG Message Text
Position:	480
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	1. Use this segment to provide information applicable to the Contract Security Classification Specification, e.g., a general identification of the award, or security guidance in clear text.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	Ref.	Data			
	Des.	Element	Name	Att	ributes
Must Use	MSG01	933	Free-Form Message Text Free-form message text	Μ	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 receiv	X /ing p	ID 2/2 printer
Not Used	MSG03	1470	Number A generic number	0	N0 1/9

Segment:	N1 Name
Position:	490
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	1 Use this loop to identify organizations or locations that apply to a Contract Security

Notes:

1. Use this loop to identify organizations or locations that apply to a Contract Security Classification Specification (DD Form 254). Persons affiliated with organizations may be identified in the 1/G61/540 segment.

2. Use of N101, N103, and N104 is REQUIRED to identify organizations or locations. Names and addresses, in text, may be additionally provided using segments N2 through N4. Use of text is discouraged.

	Ref.	Data			
	Des.	Element	Name		<u>Attributes</u>
Must Use	N101	98	Entity Identifi		M ID 2/3
			Code identifyin individual	ng an organizational entity, a physical location	on, property or an
			28	Subcontractor	
			61	Performed At	
				The facility where work was performed	ed
				Use to indicate the actual place of pe	erformance.
			B2	Other Unlisted Type of Organizationa	al Entity
				An organization, e.g., a business, the which cannot be accomplished using list and for which the trading partners agreed to a definition for it	the existing code
				Use to indicate an unlisted entity to v of the Contract Security Classification to be made.	
			C4	Contract Administration Office	
				Established at either a contractor facil geographic area, and responsible for a behalf of the buying activities that ass for administration and all contracts av the specific contractor or all contractor geographic area	administering on signed contracts warded to either
			K1	Contractor Cognizant Security Office	
			K2	Subcontractor Cognizant Security Off	
			K3	Place of Performance Cognizant Secu	
			K4	Party Authorizing Release of Security	-
			K5	Party To Receive Contract Security C Specification	
			KG	Project Manager	
				The address of the person responsible	for the
				management of a designated project	
				Use to indicate the party responsible	for a project to

				include the advisor under a Grant.		
			KI	United States Overseas Security Admin	nistrat	tion Office
			OI	Outside Inspection Agency		
				Use to indicate another entity that has responsibilities.	inspa	ection
			PG	Prime Contractor		
			PV	Party performing certification		
Not Rec	N102	93	Name Free-form name		X	AN 1/60
Must Use	N103	66	Identification Cod Code designating t Code (67)	de Qualifier the system/method of code structure used	X for Id	ID 1/2 entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	Use of the DUNS or DUNS+4 number over other codes to identify an entity. D-U-N-S+4, D-U-N-S Number with For Suffix	•	
				Use of the DUNS or DUNS+4 number over other codes to identify an entity.	r is pr	referred
			10	Department of Defense Activity Addre (DODAAC)	ss Co	de
				Use to indicate a Department of Defer Agency Activity Address Code.	ise or	Civilian
			33	Commercial and Government Entity (C	CAGE	()
Must Use	N104	67	Identification Coord Code identifying a	de party or other code	X	AN 2/80
Not Used	N105	706	Entity Relationsh Code describing er	▲	0	ID 2/2
Not Used	N106	98	Entity Identifier (Code identifying a individual	Code in organizational entity, a physical location	O n, pro	ID 2/3 perty or an

Segment:	N2 Additional Name Information
Position:	500
Loop:	N1 Optional
Level:	Heading
Usage:	Optional (Not Recommended)
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

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	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes
Must Use	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60

Segment:	N3 Address Information
Position:	510
Loop:	N1 Optional
Level:	Heading
Usage:	Optional (Not Recommended)
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	

TA

	Ref. Des.	Data <u>Element</u>	Name	Attr	ributes
Must Use	N301	166	Address Information Address information	M	AN 1/55
	N302	166	Address Information	0	AN 1/55
			Address information		

Segment:	N4 Geographic Location
Position:	520
Loop:	N1 Optional
Level:	Heading
Usage:	Optional (Not Recommended)
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	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 U.S. or Canada.

	Ref.	Data			
	Des.	Element	Name	Att	ributes
	N401	19	City Name	0	AN 2/30
			Free-form text for city name		
			When the address is a military overseas post office cite APC appropriate to identify an Army Post Office (APO) or Fleet (FPO).		
	N402	156	State or Province Code	0	ID 2/2
			Code (Standard State/Province) as defined by appropriate go	vernr	nent agency
			Use codes AA (Armed Forces Americas), AE (Armed Force (Armed Forces Pacific) as appropriate for the military ove		post office.
	N403	116	Postal Code	0	ID 3/15
			Code defining international postal zone code excluding punc (zip code for United States)	tuatic	on and blanks
	N404	26	Country Code	0	ID 2/3
			Code identifying the country		
Not Used	N405	309	Location Qualifier Code identifying type of location	X	ID 1/2
Not Used	N406	310	Location Identifier Code which identifies a specific location	0	AN 1/30

Segment:	G61 Contact
Position:	540
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a person or office to whom communications should be directed
Syntax Notes:	1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:	
Comments:	1 G6103 qualifies G6104.
Notes:	Use this segment to provide names associated with addresses cited in the N1 segment.

	Def	Data	Data Ele	ment Summary		
Must Use	Ref. <u>Des.</u> G6101	Data <u>Element</u> 366	<u>Name</u> Contact Functio Code identifying	n Code the major duty or responsibility of the perso	Μ	ributes ID 2/2 group named
			CE PP	Certifier Program Manager		Broup numer
Must Use	G6102	93	Name Free-form name	ç ç	M	AN 1/60
			name, is preferre	e name of a point of contact. Last name, j ed. If the whole name is longer than 35 ch first name is recommended. G6105 may l fice symbol.	aract	ers, the use
	G6103	365	Communication	Number Qualifier the type of communication number Telephone	Х	ID 2/2
	G6104	364	applicable	inications number including country or area		
			extraneous chara extension applies	imber shall be transmitted as a continuous acters. Include the country code and area of to the telephone number, concatenate the end of the number, e.g., 17035551212X123	code. letter	If an
	G6105	443		Reference nce number or description to clarify a conta <i>e title or the office symbol of the party cite</i>		
			ese to provide in	e me er me office of moor of me purify ene		

Segment:	MSG Message Text
Position:	550
Loop:	N1 Optional
Level:	Heading
Usage:	Optional (Not Recommended)
Max Use:	50
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	1. Use this segment to provide plain text information applicable to the entity cited in the preceding N1 segment.
Notes:	

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	Ref.	Data			
	Des.	Element	Name	Atti	ributes
Must Use	MSG01	933	Free-Form Message Text Free-form message text	Μ	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 receiv	X ving p	ID 2/2 printer
Not Used	MSG03	1470	Number A generic number	0	N0 1/9

Segment:	CB1 Contract and Cost Accounting Standards Data
Position:	560
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify contract and cost accounting standards data
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Use this segment to identify the access required to specific data and inj

Use this segment to identify the access required to specific data and information in the performance of the contract and to identify the actions required of and authorizations provided to the contractor under the award instrument.

Data Element Summary Ref. Data Des. Element Name Attributes 1309 **Acquisition Data Code** M ID 2/2 **Must Use CB101** Code identifying acquisition data Access to Communications Security Information 18 Required 19 Access to Communication Security Information Not Required 20 Access to Restricted Data Required 21 Access to Restricted Data Not Required 22 Access to Critical Nuclear Weapon Design Information Required Access to Critical Nuclear Weapon Design Information 23 Not Required Access to Formerly Restricted Data Required 24 25 Access to Formerly Restricted Data Not Required Access to Sensitive Compartmented Information 26 Required 27 Access to Sensitive Compartmented Information Not Required 28 Access to Non-sensitive Compartmented Information Required 29 Access to Non-sensitive Compartmented Information Not Required 30 Access to Special Access Information Required Access to Special Access Information Not Required 31 Access to North Atlantic Treaty Organization 32 Information Required Access to North Atlantic Treaty Organization 33 Information Not Required 34 Access to Foreign Government Information Required Access to Foreign Government Information Not 35 Required Access to Limited Dissemination Information Required 36 37 Access to Limited Dissemination Information Not Required 38 Access to For Official Use Only Information Required 39 Access to For Official Use Only Information Not Required 40 Access to Other Type of Information Required Access to Other Type of Information Not Required 41

42

Contractor Will Have Access to United States

14 April 1998

urchase Order		
		Classified Information at another Contractor's Facility
	43	or a Government Activity 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
	52	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
	56	Secondary Distribution Center
	50	Contractor Will Require a Communications Security Account
	57	Contractor Will Not Require a Communications
	57	Security Account
•	58	Contractor Will Have Tempest Requirements
	59	Contractor Will Not Have Tempest Requirements
	60	Contractor Will Have Operations Security
		Requirements
	61	Contractor Will Not Have Operations Security
		Requirements
	62	Contractor Will Be Authorized to use the Defense
		Courier Service
	63	Contractor Will Not Be Authorized to use the Defense
	C A	Courier Service
	64	Contractor Will Have some other Authorization in the Performance of the Contract
	65	Contractor Will Not Have some other Authorization in
	05	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
Financing Type Co	
ode identifying the	type of contract financing required by the submitter of a

Not Used

1310

CB102

F Code identifying the type of contract financing required by the submitter of a pricing proposal

Segment:	REF Reference Identification						
Position:	570						
Loop:	CB1 Optional						
Level:	Heading						
Usage:	Optional						
Max Use:	20	20					
Purpose:	To specify identifying information						
Syntax Notes:	1 At least one of REF02 or REF03 is required.						
	2 If either C04003 or C04004 is present, then the other is required.						
	3 If either C04005 or C04006 is present, then the other is required.						
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.						
Notes:	Use this segment to provide reference numbers associated with access information						

contained in the Contract Security Classification Specification (DD Form 254).

	Ref.	Data	Dutu El	omene Summary
	Des.	Element	Name	Attributes
Must Use	REF01	128		tification Qualifier M ID 2/3
			Code qualifying	the Reference Identification
			43	Supporting Document Number
				Supports or clarifies information and values represented in a document
			KL	Use to indicate a reference (paragraph number or section) that contains additional information applicable to the DD Form 254. Cite the reference in REF02 and identify the document in REF03. Contract Reference
			KL	
				Use to indicate a clause in the award instrument that contains additional security requirements or unique inspection requirements.
			KU	Office Symbol
				A number assigned for reference to a specific office
				within an organization When CB101 is code 90, use to indicate the office symbol to which additional distribution of the Contract Security Classification Specification (DD Form 254) is required.
			P1	Previous Contract Number
				When CB101 is code 68, use to indicate the preceding procurement instrument number under which classified data was received or generated.
	REF02	127	Reference Iden	
				nation as defined for a particular Transaction Set or as Reference Identification Qualifier
	REF03	352	Description	X AN 1/80
			-	cription to clarify the related data elements and their content
			1. When REF01	is code 43, use to identify the document that contains the ber or section where the applicable information is located.
				rm text is discouraged if the information can be provided by ns within the transaction set.
Not Used	REF04	C040	Reference Ident	
		010	To identify one of	or more reference numbers or identification numbers as Reference Qualifier
Not Used	C04001	128	Reference Ident	tification Qualifier M ID 2/3 the Reference Identification

850 Purchas	e Order				
Not Used	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	ction Set	or as
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion Set o	or as
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	ction Set o	or as

1

Segment:	DTM Date/Time Reference
Position:	580
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary								
	Ref.	Data						
	Des.	Element	Name		Att	ributes		
Must Use	DTM01	374	Date/Time Qua	lifier	Μ	ID 3/3		
			Code specifying	type of date or time, or both date and time				
			992	Date Requested				
				When CB101 is code 70, use to indica contractor's request to retain classified				
	DTM02	373	Date		Χ	DT 8/8		
			Date expressed a	as CCYYMMDD				
Not Used	DTM03	337	Time		Χ	TM 4/8		
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or					
				HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-				
			· · · · ·	seconds $(00-59)$ and DD = decimal seconds;				
			-	follows: $D = tenths (0-9) and DD = hundred$	dths ((
Not Used	DTM04	623	Time Code		0	ID 2/2		
				the time. In accordance with International				
			_	ndard 8601, time can be specified by $a + or$				
				on to Universal Time Coordinate (UTC) tim				
Not Used	DTM05	1250		ter, + and - are substituted by P and M in the od Format Qualifier	X	ID 2/3		
1101 0300	DIMOJ	1450		the date format, time format, or date and tim				
Not Used	DTM06	1251	Date Time Peri		X	AN 1/35		
			Expression of a date, a time, or range of dates, times or dates and times					

5

Segment:	LDT Lead Time
Position:	590
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
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	Name			ibutes
Must Use	LDT01	345	Lead Time Code		M	ID 2/2
			Code indicating the	time range		
			BA	From Date of Award to Expiration Date Authorization	of	
				Use to indicate the authorized period for to retain classified materials.	or a c	ontractor
Must Use	LDT02	380	Quantity		M	R 1/15
			Numeric value of q	uantity		
Must Use	LDT03	344	Unit of Time Perio	od or Interval	Μ	ID 2/2
			Code indicating the	time period or interval		
			CY	Calendar Year		
			DA	Calendar Days		
			MO	Month		
Not Used	LDT04	373	Date		0	DT 8/8
			Date expressed as (CCYYMMDD		

Segment:	MSG Message Text
Position:	600
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Notes:

: When CB101 is code 74, 76, or 78, use to provide additional clear text information.

	Ref.	Data			
	Des.	Element	Name	Att	ributes
Must Use	MSG01	933	Free-Form Message Text Free-form message text	Μ	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 received	X ving p	ID 2/2 printer
Not Used	MSG03	1470	Number A generic number	0	N0 1/9

Segment:	PO1	Baseline Item Data									
Position:	010										
Loop:	PO1	Mandatory									
Level:	Detail										
Usage:	Mandato	ry									
Max Use:	1										
Purpose:	To specif	fy basic and most frequently used	l line item data								
Syntax Notes:	1 If PC	0103 is present, then PO102 is re	quired.								
	2 If PC	0105 is present, then PO104 is re	quired.								
		her PO106 or PO107 is present,	-								
		her PO108 or PO109 is present,	-								
		her PO110 or PO111 is present,	-								
		her PO112 or PO113 is present,	-								
		her PO114 or PO115 is present,	-								
		If either PO116 or PO117 is present, then the other is required.									
		If either PO118 or PO119 is present, then the other is required.									
		If either PO120 or PO121 is present, then the other is required.If either PO122 or PO123 is present, then the other is required.									
Comontin Matan	12 II en	her PO124 or PO125 is present,	then the other is required.								
Semantic Notes: Comments:	1 500	ha Data Element Distignant for	a complete list of IDa								
Comments:	 See the Data Element Dictionary for a complete list of IDs. PO101 is the line item identification. 										
	3 PO106 through PO125 provide for ten different product/service IDs per each item.										
		example: Case, Color, Drawing N	-	-							
Notes:		is PO1 loop to identify all inform									
notes.	being aw		nution applicable to the time	nem or service							
	Agreeme	se rare instances where Table 2 nt has no detail information, on unce, cite the word "NONE" in .	ly PO101 is required to be tr								
		Data Element Summa	ry								
Ref.	Data										
Des.	Element	Name		Attributes							
PO101	350	Assigned Identification		O AN 1/20							
		Alphanumeric characters assign	ed for differentiation within a	a transaction set							
		1. Use to identify the Contract Line Item Number (SUBCLIN) one is assigned.									
		2. If Table 2 data is not require	ad Cita the word "NONE"								
PO102	330	Quantity Ordered		X R 1/15							
1 0102	000	Quantity ordered									
		1. Use to specify the quantity a quantities applicable to require instruments and the related pro	ements or indefinite quantity	award							
		2. Do not use this data element the SUBCLIN level.									
PO103	355	Unit or Basis for Measuremen		O ID 2/2							
		Code specifying the units in wh which a measurement has been 1. Use any code but the following	taken								
		note:									

SX Shipment Use when PO101 is a CLIN for transportation charges.

850 Purchase	e Order			
			2. Do not use t the SUBCLIN	this data element at the CLIN level if quantities are specified at level.
			agency codes t	ion program conversion table may be required to convert to ASC X12 codes.
	DO104	212		0 Data Element Dictionary for acceptable code values.
	PO104	212	Unit Price	X R 1/17
			-	of product, service, commodity, etc.
			I. When POI	05 is either code NC, NS, or TB, enter the number 0.
			data element s zone shall be c	nd similar award instruments that include zone pricing, this hall not be used. The unit price applicable to the individual ited in the CTP segment.
	PO105	639	Basis of Unit I	
			•	ng the type of unit price for an item
			ES	Estimated
			FB	Fabrication Cost
			KA	Use to indicate the price includes the incorporation of Government Furnished Property (GFP) into the item. Price with Government Furnished Property
			NG	Use to indicate that the price of the item includes the use of GFP, e.g., special tooling, special test equipment, production machinery, etc., to manufacture the item.
			NC	No Charge
			NE NS	Not to Exceed
			INS	Not Separately Priced
				Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.
			ТВ	To be negotiated.
	PO106	235	Product/Servi	ce ID Qualifier X ID 2/2
			Product/Service 1. PO106 throu	ng the type/source of the descriptive number used in e ID (234) ugh PO125 are used in pairs, e.g., PO106 contains a qualifier 07 contains data related to the code.
			PW, ZB, and Z manufacturer,	ther than codes DR, F2, F3, KA, KE, KG, MF, MG, MS, PT, Z, can be used, but the listed codes are preferred. If a with or without an associated manufacturer's part number equired, provide that identification in the following LIN
			PW, convey the	ation relating to codes DR, F2, F3, KA, KE, KG, MS, PT, and e information in the 2/N9/330 segment using appropriate N901 or N907.

AK Refined Product Code

BL Brand/Label

Use to indicate the product's brand or model name, e.g., Trinitron is the Sony brand name for a TV or computer monitor.

CG Commodity Grouping

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

CH Country of Origin Code

When used, cite the two position ISO 3166 country code in the following 234 data element.

CL Color DG Discount Grouping Use to indicate a discount group to which the line item pertains.

EF Exhibit Identifier Use to indicate the letter assigned to an exhibit.

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

EQ Equipment Type

F1 Catalog Number Use to indicate a catalog number that identifies the product.

F7 End-Item Description Use to indicate the end item to which the ordered item applies.

F8 Next Higher Used Assembly Use to indicate the next higher assembly to which the ordered item applies.

FS National Stock Number The NSN shall be transmitted without dashes.

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

HI HIBC (Health Industry Bar Code)

IN Buyer's Item Number

Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

KB Data Category Code

When PO101 is a CLIN or SUBCLIN related to an exhibit, use to indicate the data category of a Contract Data Requirements List.

- **KD** Replacement National Stock Number
- KF Item Type Number
- **KI** Cognizance Symbol
- KJ Material Control Code
- KK Special Material Identification Code

KL Item Management Code

- KM Shelf-Life Code
- KN Shelf-Life Action Code
- LT Lot Number
- MN Model Number
- N1 National Drug Code in 4-4-2 Format
- N2 National Drug Code in 5-3-2 Format
- N3 National Drug Code in 5-4-1 Format
- N4 National Drug Code in 5-4-2- Format
- ND National Drug Code (NDC)
- PA Pattern Number
- PD Part Number Description

Use to indicate the noun nomenclature of the item.

PI Purchaser's Item Code

Use to indicate a GSA Special Item Number.

PU Part Reference Number

Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.

RC Returnable Container No.

Use to indicate an NSN, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the 2/N9/330 segment with code RS in N901.

SN Serial Number Use to indicate the serial number of the item cited in PO101. For example, the serial number of an aircraft engine that is to be repaired.

SV Service Rendered Use to indicate (in text) the service being ordered.

SW Stock Number Use to indicate a local stock number.

SZ Vendor Alphanumeric Size Code (NRMA) Use to indicate the size of an item being ordered. UA U.P.C./EAN Case Code (2-5-5) U.P.C. Consumer Package Code (1-5-5) UI UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) UP U.P.C. Consumer Package Code (1-5-5-1) UX Universal Product Number. VP Vendor's (Seller's) Part Number Use to indicate a part number assigned by a contractor other than a manufacturer. Refer to 004010 Data Element Dictionary for acceptable code values. **PO107** 234 **Product/Service ID** X AN 1/48 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 used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values. **PO109** 234 **Product/Service ID** X AN 1/48 Identifying number for a product or service **PO110** 235 **Product/Service ID Qualifier** X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values. PO111 234 **Product/Service ID** X AN 1/48 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 used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values. **PO113** 234 **Product/Service ID** X AN 1/48 Identifying number for a product or service **PO114** 235 **Product/Service ID Qualifier** X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.

PO115 234 Product/Service ID

AN 1/48

X

o or a or				
		Identifying number for a product or service		
PO116	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive number u Product/Service ID (234)		
D0115		Refer to 004010 Data Element Dictionary for acceptable cod		
PO117	234	Product/Service ID	X	AN 1/48
		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 u Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable cod		
PO119	234	Product/Service ID		AN 1/48
FUII	234	Identifying number for a product or service	л	AIN 1/40
PO120	235	Product/Service ID Qualifier	x	ID 2/2
F0120	233	Code identifying the type/source of the descriptive number u Product/Service ID (234)		
		Refer to 004010 Data Element Dictionary for acceptable cod	e val	ues.
PO121	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		
PO122	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive number u Product/Service ID (234)	sed in	1
		Refer to 004010 Data Element Dictionary for acceptable cod	e val	ues.
PO123	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		
PO124	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive number u Product/Service ID (234)		
DO125	224	Refer to 004010 Data Element Dictionary for acceptable cod Product/Service ID	X x	AN 1/48
PO125	234		Λ	AIN 1/48
		Identifying number for a product or service		

Segment:	LIN Item Identification
Position:	015
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.
	2 If either LIN06 or LIN07 is present, then the other is required.
	3 If either LIN08 or LIN09 is present, then the other is required.
	4 If either LIN10 or LIN11 is present, then the other is required.
	5 If either LIN12 or LIN13 is present, then the other is required.
	6 If either LIN14 or LIN15 is present, then the other is required.
	7 If either LIN16 or LIN17 is present, then the other is required.
	8 If either LIN18 or LIN19 is present, then the other is required.
	9 If either LIN20 or LIN21 is present, then the other is required.
	10 If either LIN22 or LIN23 is present, then the other is required.
	11 If either LIN24 or LIN25 is present, then the other is required.
	12 If either LIN26 or LIN27 is present, then the other is required.
	13 If either LIN28 or LIN29 is present, then the other is required.
	14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	1 See the Data Dictionary for a complete list of IDs.
	2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item.
	For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	Use this segment to identify a manufacturer, with or without an associated
	manufacturer's part number for the product specified in the PO1 segment. Use
	multiple iterations of this segment when it is necessary to identify multiple
	manufacturers/manufacturers' part numbers applicable to the product specified in the
	PO1 segment. For example, 5 manufacturers may be able to satisfy the requirement
	for a given national stock number.

	Ref.	Data		the second secon			
	Des.	Element	Name		Attr	ibutes	
Not Used	LIN01	350	Assigned Identification Alphanumeric characteristics	ation acters assigned for differentiation within a	O a trans	AN 1/20 action set	
Must Use	LIN02	235	Product/Service II Code identifying th Product/Service ID GE	e type/source of the descriptive number u		ID 2/2	
				Use to identify a manufacturer by a text name when a DUNS, or CAGE code is not available. Cite the name in the following data element. MF Manufacturer			
			ZB	<i>the</i> ment. AGE)	Code		
				A code that identifies a commercial con authorized to do business with the U.S. Use to indicate a manufacturer who ca by a CAGE code. Cite the CAGE code following data element.	cial contractor the U.S. government who can be identified		
Must Use	LIN03	234	Product/Service II Identifying number		Μ	AN 1/48	
	LIN04	235	Product/Service II	Qualifier	Χ	ID 2/2	
			Code identifying the Product/Service ID	e type/source of the descriptive number us (234)	sed in		

0001 4101400	01401				
	LINOS	224	MG Manufacturer's Part Number		
	LIN05	234	Product/Service ID	X	AN 1/48
NT 4 TT	LINOC	225	Identifying number for a product or service		
Not Used	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number use		ID 2/2
			Product/Service ID (234)	am	
Not Used	LIN07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN08	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number use	ed in	
			Product/Service ID (234)		
Not Used	LIN09	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN10	235	Product/Service ID Qualifier		ID 2/2
			Code identifying the type/source of the descriptive number use Product/Service ID (234)	d in	
Not Used	LIN11	234	Product/Service ID (254)	x	AN 1/48
Hot Oscu		234	Identifying number for a product or service	Λ	AIN 1/40
Not Used	LIN12	235		x	ID 2/2
not esta			Code identifying the type/source of the descriptive number use		
			Product/Service ID (234)		
Not Used	LIN13	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN14	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number use	d in	
			Product/Service ID (234)		
Not Used	LIN15	234		X	AN 1/48
NT / NT N			Identifying number for a product or service		
Not Used	LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number use		ID 2/2
			Product/Service ID (234)	a m	
Not Used	LIN17	234		x	AN 1/48
			Identifying number for a product or service	_	
Not Used	LIN18	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number use	d in	
			Product/Service ID (234)		
Not Used	LIN19	234		X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN20	235	The second		ID 2/2
			Code identifying the type/source of the descriptive number use Product/Service ID (234)	a m	
Not Used	LIN21	234		x	AN 1/48
Hot Oscu		204	Identifying number for a product or service		1111 1, 10
Not Used	LIN22	235		X	ID 2/2
			Code identifying the type/source of the descriptive number use		
			Product/Service ID (234)		
Not Used	LIN23	234		X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN24	235	Troudenser rice to guardine		ID 2/2
			Code identifying the type/source of the descriptive number use	d in	
Not Used	LINOS	324	Product/Service ID (234) Product/Service ID	x	AN 1/40
Not Used	LIN25	234	Identifying number for a product or service	Λ	AN 1/48
Not Used	LIN26	235		x	ID 2/2
not Osed	L11120	233	Code identifying the type/source of the descriptive number use		
			Product/Service ID (234)		
Not Used	LIN27	234		X	AN 1/48
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850 Purchas	e Order				
			Identifying number for a product or service		
Not Used	LIN28	235	Product/Service ID Qualifier	Χ	ID 2/2
			Code identifying the type/source of the descriptive number u	ised in	1
			Product/Service ID (234)		
Not Used	LIN29	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN30	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number u	ised in	1
			Product/Service ID (234)		
Not Used	LIN31	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		

•

Segment:	CNI Contract Information
Position:	025
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic data about the contract or contract line item
Syntax Notes:	
Semantic Notes:	1 CN102 is the contract amount.
	2 CN103 is the allowance or charge percent.
	3 CN104 is the contract code.
	4 CN106 is an additional identifying number for the contract.

CALI

Comments: Notes:

Use this segment to identify the type of pricing arrangement that is applicable to a specific line item if it differs from the pricing arrangement applicable to the entire award instrument. BEG09 identifies the pricing arrangement applicable to the entire award instrument. BEG09 and the 2/CN1/025 segment can both be included in the transaction set if needed.

			Data Eleme	ent Summary			
	Ref.	Data					
	Des.	<u>Element</u>	Name			ibute	
Must Use	CN101	1166	Contract Type Cod		Μ	ID 2	:/2
			Code identifying a c				
			CA	Cost Plus Incentive Fee (With Performa	nce I	ncent	ives)
			CH	Cost Sharing			
			CS	Cost			
			CW	Cost Plus Award Fee			
			CX	Cost Plus Fixed Fee			
			CY	Cost Plus Incentive Fee			
			FB	Fixed Price Incentive Firm Target (With	Perf	forma	nce
				Incentive)			
			FC	Fixed Price Incentive Firm Target (With	out		
			FD	Performance Incentive) Fixed Price Redetermination			
			гD		•		
				Use to indicate a prospective fixed price redetermination award line item.			
			FF	Fixed Price Incentive Successive Target	(Wit	th	
				Performance Incentive)			
			FG	Fixed Price Incentive Successive Target	(Wit	hout	
				Performance Incentive)			
			FH	Fixed Price Award Fee			
			FJ	Fixed Price Level of Effort			
			FK	No Cost			
			FM	Retroactive Fixed Price Redetermination	1		
			FR	Firm Fixed Price			
			FX	Fixed Price with Economic Price Adjust	ment		
			LH	Labor Hours			
			TM	Time and Materials			
Not Used	CN102	782	Monetary Amount		0	R 1.	/18
			Monetary amount				
Not Used	CN103	332	Percent		0	R 1.	/6
			Percent expressed as				
Not Used	CN104	127	Reference Identific		0 Set	AN	1/30
				on as defined for a particular Transaction erence Identification Qualifier	Set (or as	
004010F850	0		• •	95		14 Ar	nril 1998

Data Ela ante

850 Purchase	e Order			
Not Used	CN105	338	Terms Discount Percent	O R 1/6
			Terms discount percentage, expressed as a percent, available to an invoice is paid on or before the Terms Discount Due Date	
Not Used	CN106	799	Version Identifier Revision level of a particular format, program, technique or alg	O AN 1/30 orithm

 $\mathbf{D} \mathbf{O} \mathbf{A}$

Segment:	PO3 Additional Item Detail
Position:	030
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To specify additional item-related data involving variations in normal price/quantity
	structure
Syntax Notes:	1 If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:	
Comments:	 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). PO307 defines the unit of measure for PO306.
Notes:	Use this segment to provide additional information applicable to the CLIN, SUBCLIN, or ELIN specified in PO101.

Data Element Summary Ref. Data Element Des. Name Attributes **Change Reason Code** Must Use **PO301** 371 M ID 2/2 Code specifying the reason for price or quantity change Alternate Quantity and Unit of Measure AQ Use to indicate that the CLIN, SUBCLIN, or ELIN has alternate quantity and unit of measure (e.g., PO102/03 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates). EV **Estimated Quantity** Use to indicate the quantity for the CLIN, SUBCLIN, or ELIN cited in PO101 is an estimate. Not Used **PO302** 373 Date 0 **DT 8/8** Date expressed as CCYYMMDD Not Used **PO303** 236 **Price Identifier Code** Χ ID 3/3 Code identifying pricing specification Not Used **PO304** 212 0 R 1/17 **Unit Price** Price per unit of product, service, commodity, etc. Not Used **PO305** 639 **Basis of Unit Price Code** Х ID 2/2 Code identifying the type of unit price for an item Quantity **Must Use PO306** 380 M R 1/15 Numeric value of quantity Due to the mandatory nature of this data element, when PO301 is code EV, repeat the quantity cited in PO102. **Must Use PO307** 355 Unit or Basis for Measurement Code M ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 1. Use any code other than code ZZ. 2. Due to the mandatory nature of this data element, when PO301 is code EV, repeat the unit of measure cited in PO103. 3. An application program conversion table may be required to convert agency codes to ASC X12 codes. Refer to 004010 Data Element Dictionary for acceptable code values. Not Used **PO308** 352 Description AN 1/80 0

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

0 Purchase Order						
Segment:	CTH	Pricing Inform	nation			
Position:	040					
Loop:	CTP	Optional				
Level:	Detail	- 1				
Usage:	Optional					
Max Use:	1					
Purpose:	To speci	fy pricing information	ation			
Syntax Notes:			TP05 is present, then t			
		*	hen CTP07 is require			
			hen CTP02 is require			
			hen CTP02 is required			
Company the Network			hen CTP03 is required		· 1.	. 1
Semantic Notes:	wou		factor to arrive at a fi a 10% discount is giv		. A muit	ipiler of .90
Comments:			for an example detai	ling the use of CTP(13 and C	ΤΡΩ/
comments.		Figures Appendix	for an example detai	0		
Notes:	1. Use th	is segment to spe	cify various prices fo	or the CLIN, SUBCI	LIN, or I	ELIN cited in
		- "	instrument, e.g., requ			
		prices for a step la s (zones).	adder quantities, or f	or delivery to variou	is geogra	<i>apliic</i>
	2. Exam	ple of step ladder	quantity prices for q	uantities 1-10, 11-2	0, 21-30,	and 31-50:
		BQ**1*EA n/l				
		CL*25.00*10*EA				
		CL*24.50*20*EA				
		CL*23.50*30*EA 1AX*22.00*50*E				
		LAA 22.00 JU L	AL 10/1			
Def	D (Data E	lement Summary			
Ref.	Data	Nome			A 44-	liberton
t Used CTP01	Element 687	Name Class of Trade	Codo		$\frac{Atti}{0}$	ributes ID 2/2
i Useu CIPUI	007	Code indicating			0	10 2/2
CTD03	226	-			v	10.2/2
CTP02	236	Price Identifier			X	ID 3/3
			g pricing specification			
		Use to identify t	he different prices fo	r a line item.		
		ICL	Unit Price Throu	ugh Quantity		
				nte the end of a quar op ladder pricing.	itity rang	ge
					n o -	1.1.1.1
			-	nction with codes P	-	-
				ing. Step ladder prid		
				ed for the quantity r	-	
				chased, applying to of codes ICL, MAX		
			~	of code PAQ which i		
				nt prices are applied		Y and the second
		LPP	Lease to Purchas			
		MAX	Maximum Order			

1. Use for step ladder pricing to indicate the quantity above which the price will not change.

2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing

Not

the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied. Price Break Quantity(s)

Use to indicate a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices where all 25 units are one price. Unit Price Beginning Quantity

1. Use to indicate the beginning of a quantity range applicable to step ladder pricing.

2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied. Replacement Price

Use to indicate the acquisition cost to replace the item identified in the PO1 segment being repaired or overhauled.

Special Price

1. Use to indicate that the line item unit price cited in PO104, is a special price authorized by a representative of the selling party.

2. When used, the authorizing party may be identified in either the 1/PER/360 or the 2/PER/110 segment citing code 1A in PER01 and a special price authorization number may be provided in either the 1/REF/350 or the 2/N9/330 segment citing code 9B in N901.

Zone Price

Use to indicate the price for delivery to a zone cited in CTP10. This is the total price of the item and is based on standard commercial packaging and preservation. $X = P_{1/17}$

	CIFUS	212	Ontrice	~	
			Price per unit of product, service, commodity, etc.		
	CTP04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
	CTP05	C001	Composite Unit of Measure	X	
			To identify a composite unit of measure (See Figures of use)	Appendix fo	or examples
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being ex which a measurement has been taken	M pressed, or n	ID 2/2 nanner in
			 Use any code other than code ZZ. A conversion table may be required to convert age codes. Refer to 004010 Data Element Dictionary for acceptal 		
Not Used	C00102	1018	Exponent	0	R 1/15
004010F850_	0		99		14 April 1998

PAQ

PBQ

RPP

SPC

ZNP

Linit Duine

CTDA2

850 Purchas	e Order		Power to which a unit is raised		
NI ATI J	C00102	(40		0	D 1/10
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, which a measurement has been taken	O or i	ID 2/2 manner in
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 Code specifying the units in which a value is being expressed, which a measurement has been taken	O or i	ID 2/2 manner in
Not Used	C00108	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, which a measurement has been taken	O or i	ID 2/2 manner in
Not Used	C00111	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, which a measurement has been taken	O or 1	ID 2/2 manner in
Not Used	C00114	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier	0	ID 3/3
Not Used	CTP07	649	Multiplier Value to be used as a multiplier to obtain a new value	X	R 1/10
Not Used	CTP08	782	Monetary Amount Monetary amount	0	R 1/18
Not Used	CTP09	639	Basis of Unit Price Code Code identifying the type of unit price for an item	0	ID 2/2
	CTP10	499	Condition Value Identifies rate restrictions or provisions	0	AN 1/10
			When CTP02 is code ZNP, identify the applicable zone to whe CTP03 applies.	lich	the price in
	CTP11	289	Multiple Price Quantity	0	N0 1/2
			Quantity of units for a given price, e.g., 3 for \$10.00		•.
			When the price cited in CTP03 is the price for more than a said of \$10, identify the applicable quantity in this data elements	-	e 11em, e.g.,

urchase Order			
Segment:	ME	A Measurements	
Position:	049		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	40		
Purpose:	-	fy physical measurements or counts, including dim hts (See Figures Appendix for example of use of the second s	
Syntax Notes:	1 At le	east one of MEA03 MEA05 MEA06 or MEA08 is	required.
	2 If M	EA05 is present, then MEA04 is required.	
	3 If M	EA06 is present, then MEA04 is required.	
		EA07 is present, then at least one of MEA03 MEA one of MEA08 or MEA03 may be present.	A05 or MEA06 is required.
Semantic Notes:	1 MEA	A04 defines the unit of measure for MEA03, MEA	.05, and MEA06.
Comments:	any	n citing dimensional tolerances, any measurement measurement where a positive (+) value cannot be tive (-) value and MEA06 as the positive (+) value	assumed, use MEA05 as the
Notes:	1. Use th	is segment to provide information that applies to ion varies by line item, use the 1/MEA/200 segme	all of the line items. If
	the varia wa <mark>rr</mark> anty	egment can be used to specify various measurem tions in quantity permitted when identified as a a period. s used in MEA01 at this location may not be used	liscrete value, and to specify a
		Data Element Summary	
Ref.	Data		
Des.	Element	Name	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a n	neasurement applies
		Use any code.	
		QV Variation in Quantity	
		Use to indicate permitted variations in quantity	-
		discrete quantity. Specify the quantity under and the 2/PCT/276 segment to express the variation	
		WR Warranty	
		Use to indicate a warranty period. Identify the	warranty period in

Refer to 004010 Data Element Dictionary for acceptable code values. Not Used **Measurement Qualifier** ID 1/3 **MEA02** 738 0 Code identifying a specific product or process characteristic to which a measurement applies 739 **Measurement Value** X R 1/20 **MEA03** The value of the measurement **C001 Composite Unit of Measure** X **MEA04** To identify a composite unit of measure (See Figures Appendix for examples of use) **Must Use** C00101 355 Unit or Basis for Measurement Code M ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

MEA03/04.

1. Use any code other than code ZZ.

2. When MEA01 is code QV, cite the same unit of measure identified in PO103.

850 Purchas	se Order				T/D	
			3. When MEA01 is code WR, use only codes DA, LL, MO, a	ind	YR.	
			4. An application program conversion table may be required agency codes to Accredited Standards Committee (ASC) X12 Refer to 004010 Data Element Distinguist for acceptable and	2 cod	tes.	
NT 4 TT 1	C00103	1010	Refer to 004010 Data Element Dictionary for acceptable code			
Not Used	C00102	1018	Exponent Power to which a unit is raised	0	К	1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed which a measurement has been taken	0 , or 1		2/2 ner in
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 expressed which a measurement has been taken	, or 1	man	ner in
Not Used	C00108	1018	Exponent Power to which a unit is raised	0	R	1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed which a measurement has been taken	0 , or 1	. —	2/2 ner in
Not Used	C00111	1018	Exponent Power to which a unit is raised	0	R	1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, which a measurement has been taken	0 , or 1		2/2 ner in
Not Used	C00114	1018	Exponent Power to which a unit is raised	0	R	1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	1/10
	MEA05	740	Range Minimum	X	R	1/20
			The value specifying the minimum of the measurement range			
	MEAOC	7.41	When MEA01 is code QV, use to specify the variation in qua			
	MEA06	741	Range Maximum The value specifying the maximum of the measurement range		к	1/20
			When MEA01 is code QV, use to specify the variation in qua	intit	y ov	er.
Not Used	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measuren	0 nent		2/2 1e
Not Used	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric me			2/2 ent value
			cannot be determined			
Not Used	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is b	O eing		2/2 cribed
Not Used	MEA10	1373	Measurement Method or Device The method or device used to record the measurement	0	ID	2/4

Segment: Position: Loop: Level: Usage: Max Use:	PID Product/Item Description 050 PID Optional Detail Optional
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A
	"Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	Use this segment to provide information applicable to a specific line item.

			Data Element Summary		
	Ref. Des.	Data <u>Element</u>	Name	Atti	ributes
Must Use	PID01	349	Item Description Type Code indicating the format of a description	M	ID 1/1
			F Free-form		
			S Structured (From Industry Code List)		
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process c	O haracte	ID 2/3 cristic
	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			EP United States Environmental Protection	on Agei	ncy (EPA)
	PID04	751	Product Description Code	Χ	AN 1/12
			A code from an industry code list which provides specific c characteristic	lata abo	out a product
	PID05	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data elements	and the	eir content
			Use of free form text is discouraged if the information can some other means within the transaction set.	ı be pro	ovided by
Not Used	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is	O s being	ID 2/2 described
Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by th	O e Sourc	AN 1/15 ce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	0	ID 1/1
Not Used	PID09	819	Language Code Code designating the language used in text, from a standard maintained by the International Standards Organization (IS		

PWK Paperwork Segment: 070 **Position:** PO1 Mandatory Loop: Level: Detail Optional Usage: 25 Max Use: **Purpose:** To identify the type or transmission or both of paperwork or supporting information If either PWK05 or PWK06 is present, then the other is required. Syntax Notes: 1 **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 report.

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

Notes:

1. Use this segment to provide paperwork information that applies to a specific line item. Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.

2. Use this segment to identify paperwork required to pass between the buyer and the seller and how that paperwork will be transmitted.

3. Codes used in PWK01 at this location may not be used in the 1/PWK/210 segment.

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	PWK01	755	Report Type Code	
			•	e title or contents of a document, report or supporting item
			Use to identify the provided by the con	
			25	Purchase Plan
				Use to indicate a make or buy plan.
			35	Subcontractor Plan
			AE	Attachment
				Use to indicate some additional document, e.g., list of Government furnished property, related to this award instrument is being sent by means other than within
				the transaction set. Specify the nature of the document in PWK07.
			C6	Wage Determination
			СР	When used, identify the Wage Determination number in the 2/N9/330 segment using code 2Y in N901. Certificate of Compliance (Material Certification)
			U.	Use to indicate a Certificate of Conformance.
			DW	Drawing(s)
			IT	Certified Inspection and Test Results
			KA	Contract Data Requirements List (CDRL)
				Use to indicate that an attachment applicable to a Contract Data Requirements List (CDRL) will be provided.
			MR	Material Inspection and Receiving Report
			MS	Material Safety Data Sheet
			PD	Proof of Delivery
			PJ	Purchasing Specification
				Specifications, generated by a customer, setting acceptance limits on the properties or performance of

the product being purchased; purchasing specifications

e Order			
			may additionally supply instructions for packaging,
			transportation, delivery, and payments
			Use to indicate a Statement of Work (SOW).
		PM	Proof of Insurance
		SN	Shipping Notice
		SP	Specification
		ТО	Demand Report
			Use to indicate a Contract Data Requirement List
			(CDRL) deliverable.
		US	"BUY AMERICA" Certification of Compliance
PWK02	756	Report Trans	mission Code O ID 1/2
		Code defining be sent	timing, transmission method or format by which reports are to
			ed code can be used, code EL is preferred when the indicated
			t be provided electronically using one of the transaction sets
		specifically de	signed for the purpose.
		BM	By Mail
			Use to indicate transmittal via the USPS.
		CF	Courier
			Use to indicate transmittal via commercial express
			courier.
		DA	Data
			Use to indicate other forms of electronic transfer.
			When used, identify the other form in PWK07.
		EL	Electronically Only
			Use to indicate that data was sent by a separate EDI transaction set. When used, identify the unique
			number of the transaction set in N902 of the 2/N9/330
			segment citing code TN in N901.
		EM	E-Mail
		FT	File Transfer
			Use to indicate File Transfer Protocol (FTP).
		FX	By Fax
		IA	Electronic Image
		IA	<u> </u>
			Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where
			information is to be obtained in PWK07.
		WS	With Shipment (With Package)
PWK03	757	Report Copies	
1 11105	131		Copies of a report that should be sent to the addressee
		in this data ele	f copies is assumed to be 1 unless a greater number is specified
PWK04	98	Entity Identif	
1 111104	20		ng an organizational entity, a physical location, property or an
		individual	ing an organizational entity, a physical location, property of an
			the recipient of the paperwork. If there is more than one
		••	he same paperwork item, use multiple repetitions of the PWK
		segment with t	the same report code in PWK01. Provide the address of the
		-	ther the 1/N1/310 or 2/N1/350 segment and/or the
			ns number of the recipient in either the 1/PER/360 or
		2/ PER/4 00 seg 7D	Contracting Officer Representative
			с .
		BY	Buying Party (Purchaser)
			Use to indicate the contracting officer.
		C4	Contract Administration Office

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850 Purchas	se Order				
				Established at either a contractor facility or in a geographic area, and responsible for administering behalf of the buying activities that assigned contra for administration and all contracts awarded to eith the specific contractor or all contractors in the	acts
			HMI	geographic area Material Safety Data Sheet (MSDS) Recipient	
				Use in conjunction with PWK01 code MS to indi the Agency's Hazardous Material Information S (HMIS) central focal point to whom Material Sa	ystem
			IS	Data Sheets are to be sent. Party to Receive Certified Inspection Report	
				Use when PWK01 is code IT or MR.	
			KG	Project Manager	
				The address of the person responsible for the	
				management of a designated project Use to indicate the party responsible for a project	4 40
				include the advisor under a Grant.	110
			KY	Technical Office	
			PA	Party to Receive Inspection Report	
			PC	Party to Receive Cert. of Conformance (C.A.A.)	
			SM	Party to Receive Shipping Manifest	
			ZD	Party to Receive Reports	
				The organization designated to receive reports	
Not Used	PWK05	66	Identification Co Code designating Code (67)	the system/method of code structure used for Identified	
Not Used	PWK06	67	Identification Co	a party or other code X AN	2/80
	PWK07	352	Description	O AN	1/80
			A free-form descr	ription to clarify the related data elements and their co	ntent
				eessary to provide additional information or instruction or instruction or instruction or instruction or instruction or instruction of the second states of	ons
			2. When PWK02 transfer.	t is code DA, use to identify the other form of electron	nic
			3. When PWK02	t is code IA, used to identify the URL.	
			5. Use of free for	m text is discouraged if the information can be provi	ded by
				s within the transaction set.	
Must Use	PWK08	C002	Actions Indicate		
			-	formed on the piece of paperwork identified	
Must Use	C00201	704	Use is REQUIRE		1/2
wiust Use	C00201	704		ort Action Code M ID 1 now the paperwork or report that is identified in the PV the transaction set or to identify the action that is require Report to be Filed	WK
			PV	When PWK01 is code 25, 35, CP, IT; MR, MS, P. PM, SN, TO or US, indicate the specified paperw is required to be provided by the contractor. Provided	
				When PWK01 is code AE, C6, DW, KA, PJ, or SI to indicate the specified paperwork will be provid the buyer.	
Not Used	C00202	704	Paperwork/Repo	ort Action Code O ID 1	1/2
0040405070	0				

850 Purchas	se Order			
		•	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
Not Used	C00205	/04		
			Code specifying how the paperwork or report that is identify segment relates to the transaction set or to identify the action	
Not Used	PWK09	1525	Request Category Code	O ID 1/2
			Code indicating a type of request	

Purchase Order								
Segment:	PO4 Item Physical Details							
Position:	090							
Loop:	PO1 Mandatory							
Level:	Detail							
Usage:	Optional							
Max Use:	>1							
Purpose:	To specify the physical qualities, packaging, weigh	nts, and dimensions relating to the item						
Syntax Notes:	1 If either PO402 or PO403 is present, then the	other is required.						
	2 If PO405 is present, then PO406 is required.							
	3 If either PO406 or PO407 is present, then the	other is required.						
	4 If either PO408 or PO409 is present, then the	other is required.						
	5 If PO410 is present, then PO413 is required.							
	6 If PO411 is present, then PO413 is required.							
	7 If PO412 is present, then PO413 is required.							
	8 If PO413 is present, then at least one of PO410	0 PO411 or PO412 is required.						
	9 If PO417 is present, then PO416 is required.	A						
	10 If PO418 is present, then PO404 is required.							
Semantic Notes:	1 PO415 is used to indicate the relative layer of	this package or range of packages						
	within the layers of packaging. Relative Positi							
	package.							
	2 PO416 is the package identifier or the beginning package identifier in a range of							
	identifiers.							
	3 PO417 is the ending package identifier in a rat	nge of identifiers						
	4 PO418 is the number of packages in this layer	-						
Comments:	1 PO403 - The "Unit or Basis for Measure Code							
comments.	purposes of defining the pack (PO401) /size (F							
	quantity in the inner pack unit. For example: I							
	packages, it would be described as follows: Da							
	357 = "12"; Data element $355 = "OZ"$.	ata element 550 – 24, Data element						
	 2 PO413 defines the unit of measure for PO410, 	PO411 and PO412						
Notore								
Notes:	1. Use this segment to specify the weight, cube, or							
	intermediate pack; the unit pack quantity or intermediate container quantity; to							
	indicate that palletized loads are required; or to indicate that shrink wrap is required.							
	To specify the unit pack quantity, use PO401 and PO404 (code UNT). If there are 50							
	pairs in a unit container, PO401 would cite 50 an	ed PO404 would cite code UNT.						
	2. If it is necessary to specify not only the quantity of items in a unit container, but							
	also the size and unit of measure of those items, use PO401, PO402, PO403 and							
	PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401							
	would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite							
	code UNT. In either of these examples, the number of unit containers in an							
	intermediate container would be carried in PO414. If only the quantity per							
	intermediate container is required, use code INT in PO404 and cite the quantity in							
	PO414.							
	Data Element Summary							
Ref.	Data							
Des.	<u>Element</u> <u>Name</u>	Attributes						
PO401	356 Pack	O N0 1/6						
	The number of inner containers, or numb	per of eaches if there are no inner						
	containers, per outer containers, of fullit	i or outfoor in there are no inflor						

containers, per outer container 1. Use to identify the unit pack quantity. Cite the actual quantity or cite one of the following to identify a special condition applicable to the unit pack quantity.

2. Cite the number 777777 (as the equivalent of MIL-STD 2073-1C code BLK) to indicate a bulk quantity.

3. Cite the number 8888888 (as the equivalent of MIL-STD 2073-1C code

e Order			
		YYY) to indicate "Packager's option as long as all other met".	requirements are
		4. Cite the number 999999 (as the equivalent of MIL-ST ZZZ) to indicate "Special requirements - refer to supplement	
DO 100		instructions or drawings provided".	
PO402	357	Size	X R 1/8
		Size of supplier units in pack	
		Use only to identify the size of the individual items within	a unit container.
PO403	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being express	sed, or manner in
		which a measurement has been taken	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required agency codes to ASC X12 codes.	
		Refer to 004010 Data Element Dictionary for acceptable c	
PO404	103	Packaging Code	X AN 3/5
		Code identifying the type of packaging; Part 1: Packaging	-
		Packaging Material; if the Data Element is used, then Part INT Intermediate Container	I is always required
		UNT Unit	
PO405	187	Weight Qualifier	O ID 1/2
r 0403	107	Code defining the type of weight	0 10 1/2
		Use any code other than code Z.	
		Refer to 004010 Data Element Dictionary for acceptable c	ode values
PO406	384	Gross Weight per Pack	X R 1/9
PU400	304	Numeric value of gross weight per pack	A K 1/9
			II has a maniford to 1
		Use to specify the weight of a container. The weight shall decimal place.	ii ve specijieu io 1
PO407	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being express	sed, or manner in
		which a measurement has been taken	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be requi	ired to convert
		agency codes to ASC X12 codes.	
		Refer to 004010 Data Element Dictionary for acceptable c	ode values.
PO408	385	Gross Volume per Pack	X R 1/9
		Numeric value of gross volume per pack	
		Use to specify the cube of a container. The cube shall be	specified to 3
		decimal places.	
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	sed, or manner in
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be requi	ired to convert
		agency codes to ASC X12 codes.	odo voluce
DO 410	03	Refer to 004010 Data Element Dictionary for acceptable c	
PO410	82	Length	X R 1/8
		Largest horizontal dimension of an object measured when upright position	the object is in the
		The length shall be specified to 1 decimal place.	
PO411	189	Width	X R 1/8

850 Purchas	se Order		
			Shorter measurement of the two horizontal dimensions measured with the
			object in the upright position The width shall be specified to 1 decimal place.
	PO412	65	Height X R 1/8
			Vertical dimension of an object measured when the object is in the upright
			position Use to specify the depth of the container. The depth shall be specified to 1
			decimal place.
	PO413	355	Unit or Basis for Measurement Code X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
			1. Use any code other than code ZZ.
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.
			Refer to 004010 Data Element Dictionary for acceptable code values.
	PO414	810	Inner Pack O N0 1/6
			The number of eaches per inner container
			1. Use to specify the quantity of unit containers in an intermediate container. Cite the actual quantity or cite one of the following to identify a special condition applicable to the intermediate container.
			2. Cite the number 6666666 (as the equivalent of MIL-STD 2073-1C code AAA) to indicate "See Appendix B (B.5).
			3. Cite the number 777777 (as the equivalent of MIL-STD 2073-1C code XXX) to indicate "See method of preservation".
			4. Cite the number 888888 (as the equivalent of MIL-STD 2073-1C code YYY) to indicate "Packer's option as long as all other requirements are met".
			5. Cite the number 999999 (as the equivalent of MIL-STD 2073-1C code ZZZ)
			to indicate "Special requirements - see specific drawing or instruction provided".
Not Used	PO415	752	Surface/Layer/Position Code O ID 2/2 Code indicating the product surface, layer or position that is being described
Not Used	PO416	350	Assigned Identification X AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set
Not Used	PO417	350	Assigned Identification O AN 1/20
	I U II /	000	Alphanumeric characters assigned for differentiation within a transaction set
Not Used	PO418	1470	NumberON0 1/9A generic number

Segment:	PER Administrative Communications Contact
Position:	110
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes: Comments: Notes:

Use this segment to provide names and communication numbers for points of contact applicable to a line item and which are not associated with an address.

	D (D	Data Eler	nent Summary		
	Ref.	Data Element	Nama		A ++	wihutos
Must Use	<u>Des.</u> PER01	Element 366	Name Contact Function	Code	M	<u>ributes</u> ID 2/2
			Code identifying the	he major duty or responsibility of the per-	son or	group named
			1A	Review/Repricing Contact		
				1. Use to indicate an individual who time special price for the line item in e.g., a spot pricing reduction from an or catalog price. In this instance, PE used.	this P existi	OI loop, ng contract
			AU	2. When used, code SPC should be u the 2/CTP/040 segment within the P0 items that are authorized a special pro- include the authorization number pro- selling party in REF01 in the 1/REF/ using code 9B. Report Authorizer	1 loop ice. Ij wided	o of the line f applicable, by the
			no	1. Use to indicate the approver of a C Requirements List.	Contra	ct Data
			BD	2. Use this code when PO106 code E Buyer Name or Department	F is u	sed.
				Use to indicate the Grants Manageme	ent Sp	ecialist.
			PI	Preparer		
				A firm, organization, or individual what tax liability from information supplied <i>1.</i> Use to indicate the preparer of a C Requirements List.	by th	e taxpayer
				2. Use this code when PO106 code E		
	PER02	93	Name		0	AN 1/60
			Free-form name			
			name, is preferred	e name of a point of contact. Last name, I. If the whole name is longer than 35 cl first name is recommended. PER09 may	laraci	ters, the use
	PER03	365	Communication I	Number Qualifier	X	ID 2/2
			Code identifying the	he type of communication number		
			TE	Telephone		
	PER04	364	Communication	Number	Χ	AN 1/80

14 April 1998

850 Purcha	se Order				
			Complete communications number including country or area c applicable	ode	when
			The telephone number shall be transmitted as a continuous mextraneous characters. Include the country code and area contextension applies to the telephone number, concatenate the levents of the end of the number, e.g., 17035551212X123.	le.	If an
	PER05	365		X	ID 2/2
			Code identifying the type of communication number		
			FX Facsimile		
	PER06	364	Communication Number	X	AN 1/80
			Complete communications number including country or area c applicable	ode	when
			The fax number shall be transmitted as a continuous number extraneous characters. Include the country code and area cou		th no
	PER07	365		X	ID 2/2
			Code identifying the type of communication number		
			EM Electronic Mail		
	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or area c applicable	ode	when
	PER09	443	Contact Inquiry Reference	0	AN 1/20
		•	Additional reference number or description to clarify a contact	nuı	mber
			Use, if necessary, to provide the title of the party cited in PER	02.	

			7				
	Segment:	SAC	 Service, Prom 	otion, Allowance, or Charge Inform	nation		
	Position:	130					
	Loop:	SAC	Optional				
	Level:	Detail	optional				
	Usage:	Optional					
	Max Use:	1					
	Purpose:	To reque	st or identify a se	rvice, promotion, allowance, or charg	to enotify the amount		
	r ut pose.	-	•	ice, promotion, allowance, or charge	ge, to specify the amount		
C	NT-4	-	-				
Synt	ax Notes:			2 or SAC03 is required.			
				AC04 is present, then the other is requ			
				AC07 is present, then the other is requ			
				AC10 is present, then the other is requ	iired.		
			-	then SAC10 is required.			
				then at least one of SAC02 or SAC04	is required.		
				then SAC13 is required.			
				then SAC15 is required.			
Seman	tic Notes:	1 If SA	AC01 is "A" or "0	C", then at least one of SAC05, SAC0	7, or SAC08 is required.		
		2 SAC	205 is the total am	nount for the service, promotion, allow	wance, or charge.		
		If SA	AC05 is present w	vith SAC07 or SAC08, then SAC05 t	akes precedence.		
		3 SAC	08 is the allowan	ce or charge rate per unit.			
				s the quantity basis when the allowand	ce or charge quantity is		
				chase order or invoice quantity.			
			-	sed together indicate a quantity range	, which could be a dollar		
		amount, that is applicable to service, promotion, allowance, or charge.					
				junction with SAC02 or SAC04 to pr	-		
				-			
		number as identified by the code used.6 SAC14 is used in conjunction with SAC13 to identify an option when there is more					
		than one option of the promotion.					
			•	•	15		
C	omments:	 7 SAC16 is used to identify the language being used in SAC15. 1 SAC04 may be used to uniquely identify the convice promotion allowers or 					
C	Jinments:	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.					
			•				
				lications, it is necessary to advise the			
				that a particular allowance, charge, or			
		to reduce ambiguity. This amount is commonly referred to as "Dollar Basis					
		Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" -					
			ars in SAC09.		a b b b b b b b b b b		
	Notes:		0	entify services, allowances, discount	-		
		Item Number (CLIN) charges and if applicable, quantities applicable to all of the line					
		items. If the services, allowances, discounts, or non-CLIN charges apply to all of the					
		line items, use the 1/SAC/120 segment.					
		2. Codes used in SAC02 at this location, may not be used in the 1/SAC/120 segment.					
	-	_	Data E	lement Summary			
	Ref.	Data					
	<u>Des.</u>	<u>Element</u>	Name		Attributes		
Must Use	SAC01	248		Charge Indicator	M ID 1/1		
			Code which ind	icates an allowance or charge for the	service specified		
			А	Allowance			
				Use to indicate an allowance o	r discount		
			C		and comments		
			C	Charge			
			N	No Allowance or Charge			
				Use to indicate there is no chan	rge for the specified		
				service.			
	SAC02	1300	Service, Promo	otion, Allowance, or Charge Code	X ID 4/4		
					1		

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Code identifying the service, promotion, allowance, or charge *Any code may be used. The following is a list of preferred codes:*

- A310 Air Express Charge
- A320 Air Transportation Charge

A480 Assembly

B180 Cleaning Charge

- **B870** Customs Charge
- **B940** Cutting Charge
- **C000** Defective Allowance
- C240 Disconnect Charge
- C260 Discount Incentive

Use to indicate that the contractor offers a discount when payment is made using the government credit card. Identify the discount as a total monetary value in SAC05, or as a percent in SAC06/07, or as a monetary rate in SAC08.

C300 Discount - Special

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

C310 Discount

Use to indicate a general discount not related to a quantity or purchase amount. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This general discount may be used in combination with C300 or F910. Do not include any general discount within the C300 or F910 discount considerations.

- C330 Distribution Fee
- C370 Diversion Charge
- C580 Emergency Service
- C590 Emergency Surcharge

C830 Expanded Service

Use to indicate the cost for service beyond the basic area. Identify the cost in SAC05 and the area in SAC09/10/11.

C880 Expediting Premium

D170 Free Goods

Use to indicate a quantity provided at no cost if a specified quantity or monetary value is purchased, e.g., buy \$100.00 and get 1 free; or buy 10, get 1 free. When a monetary value is used, identify the "buy" monetary amount in SAC05. When a specified quantity is used, identify the "free" quantity in SAC10; or identify the "free" quantity in SAC10 and the "buy" quantity in SAC11.

D290 Full Truckload Allowance

D440 Groupage Discount

Use to indicate a discount applicable to a line item total purchase amount meeting or exceeding a specified threshold or range. Identify the percentage discount in SAC06/07 (citing code 2 in SAC06) or the monetary value discount in SAC08. When a threshold is used, specify the threshold SAC10. When a range is used, specify the range in SAC10/11.

D500 Handling

- **D530** Hazardous Cargo Charge
- D660 Hook-up Charge
- D820 Inside Delivery
- **D870** Inspection
- **D890** Installation and Training
- **D900** Installation

E340 Less Than Truckload (LTL) Charge

Use to indicate a charge for less than a full carload or truckload.

- E400 Loading (Labor Charges)
- E930 One-Day Service
- F150 Packaging Service
- F460 Postage
- F560 Premium Transportation
- F830 Proof of Delivery

Use to indicate a charge for preparation of a DD Form 250.

F910 Quantity Discount

Use to indicate a step ladder discount applicable to a quantity range. The discount specified for the quantity range containing the total line item quantity is the discount to be applied to the unit price. Identify the percentage discount in SAC06/07 (citing code 5 in SAC06) or a monetary value discount in SAC08. Identify the quantity range in SAC10/11. This is contrast to the C300 incremental discount that applies to that portion of the total line item quantity within each increment.

- G030 Reconnect Charge
- G350 Rents and Leases
- G470 Restocking Charge
- G530 Rework
- **G580** Royalties
- G600 Same-Day Service
- G610 Saturday Delivery
- G660 Scrap Allowance
- G740 Service Charge

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

G760 Set-up

G870 Shrink Wrap Charge

H000 Special Allowance

H030 Special Credit

Use to indicate the portion of a lease amount that is credit toward the purchase price on a lease with option to purchase (LWOP). Use SAC06/07 to identify a percent or SAC08 to specify a discrete amount.

- H110 Special Packaging
- H170 Special Tooling Charge
- H430 Storage
- H550 Surcharge
- H990 Testing Services Charge
- **I260** Transportation Direct Billing
- 1330 Two-Day Service
- **I380** Unloading (Labor Charges)
- 1590 Warranties
- ZZZZ Mutually Defined

Agency Qualifier Code

Use to indicate a training charge.

Refer to 004010 Data Element Dictionary for acceptable code values.

 Not Used
 SAC03

 004010F850
 0

559

115

X ID 2/2

850 Purchas	se Order						
				the agency assigning the code values			
Not Used	SAC04	1301	•	Promotion, Allowance, or Charge Code ed code identifying the service, promotion, all	X AN 1/10 lowance, or		
	SAC05	610	Amount		O N2 1/15		
			Monetary amount				
	SAC06	378	When SAC02 is code D170, identify the "buy" monetary value to obtain free goods, if applicable. For all other SAC02 codes, see semantic note 2. Allowance/Charge Percent Qualifier X ID 1/1				
	SACUU	570	-				
			_	n what basis allowance or charge percent is c	alculated		
			2	Item Net Cost	T T T T T		
			5	Use to indicate a percentage applied to the total amount. Base Price per Unit	ie Line Item		
				Use to indicate a percentage applied to thus unit price.	he Line Item		
			Z	Mutually Defined			
				When SAC02 is code H030, use to indica percentage applicable to the lease amount	nt.		
	SAC07	332	Percent		X R 1/6		
			Percent expressed	as a percent			
			Cite 4.25% as 4.2. suppressed).	5; cite 3% as 3 (note: leading and trailing ze	eros are		
	SAC08	118	Rate		O R 1/9		
			specified	the standard monetary denomination for the	currency		
			See semantic note	: 3.			
	SAC09	355	Unit or Basis for	Measurement Code	X ID 2/2		
			which a measurem	he units in which a value is being expressed, on the has been taken other than code ZZ.	or manner in		
			1. Ose any coue o	mer mun coue 22.			
				4 is cited and CUR01 in the 1/CUR/040 segramount in SAC10 shall be stated as the cur			
			3. An application agency codes to A	program conversion table may be required SC X12 codes.	to convert		
				Data Element Dictionary for acceptable code v	values.		
	SAC10	380	Quantity		X R 1/15		
			Numeric value of	quantity			
			1. When SAC02 i	is code C300, use to identify the lower end of	f a quantity		
			range that results in an incremental quantity discount.				
			2. When SAC02 i	is code D170, use to identify the "free" quan	ıtity.		
			3. When SAC02 is code D440, use to identify the line item total purchase amount that results in a discount, if applicable.				
				is code F910, use to identify the lower end og in a step ladder discount.	f a quantity		
			5. When SAC02 is service charge, if	is code G740, use to identify the distance app appropriate.	plicable to a		
				is any other code, use to identify the quantity e, or discount applies. In most instances this			

650 Fulcitas	se Oluei				
	SAC11	380	<i>be 1, but if a greater quantity applies, cite that quantity.</i> Quantity	0	R 1/15
			Numeric value of quantity		
			1. Use only if SAC10 is used. SAC10/11 are used together range except when SAC02 is code D170.	r to ide	entify a
			2. When SAC02 is code C300 or F910, use to identify the quantity range associated with SAC10.	upper	end of the
			3. When SAC02 is code D170, use to identify the "buy" quapplicable.	uantitj	v, if
			4. When SAC02 is any other code, use to identify the upper range to which the charge, allowance, or discount applies.		of a quantity
Not Used	SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or cha	0	ID 2/2
	SAC13	127	Reference Identification	Χ	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	n Set	or as
			If the discount, allowance, charge, or no charge service ap zone, identify the zone in this data element. The delivery z within each zone are identified in the 1/N1/310 loop.	-	
Not Used	SAC14	770	Option Number	0	AN 1/20
			A unique number identifying available promotion or allowa more than one is offered	nce op	otions when
Not Rec	SAC15	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data elements a	and the	eir content
			1. Use, if necessary, to provide text information related to provided within this segment.	the in	formation
			2. Use of free form text is discouraged if the information of some other means within the transaction set.	can be	e provided by
Not Used	SAC16	819	Language Code	0	ID 2/3
			Code designating the language used in text, from a standard maintained by the International Standards Organization (ISC		

TOTE

Segment:	CSH Sales Requirements
Position:	142
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
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.
	3 If either CSH09 or CSH10 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 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.

Comments:

Ref.	Data				
Des.	Element	Name			ributes
CSH01	563	-			ID 1/2
		Code to identify	a specific requirement or agreement of sale		
		P2	Ship As Soon As Possible		
		P4	Do Not Preship		
		SC	Ship Complete		
			The absence of this code indicates that quantities may be shipped.		-
			Ship In-Place		
CSH02	306			0	ID 1/2
		Code indicating	type of action		
		B G	Cancel Balance of Order/Item that Exc Specified in Data Element 610 Cancel Entire Order/Item	eeds `	Value
CSH03	CSH03 610	Amount		X	N2 1/15
		Monetary amour	nt		
CSH04	508	exceed, shall res exceeds the max	sult in the entire line item or balance of the simum amount not being filled.		
		Account number	assigned		
CSH05	373	Date Date expressed a	as CCYYMMDD	0	DT 8/8
CSH06	559	Agency Qualifie	er Code	Χ	ID 2/2
		Code identifying	the agency assigning the code values		
		AX	ANSI Accredited Standards Committee	e, X12	2
CSH07	560	Special Services	s Code	X	ID 2/10
		Code identifying	the special service		
		NC	Notify Consignee Before Delivery		
		Use to indicate that the consignee or other shipping contact must be notified in order to schedule a shipment. When used, provide the contact communication number in the 2/PER/400 segment citing code NT, for the shipping instructions contact,			e a egment
	Des. CSH01 CSH02 CSH03 CSH04 CSH05 CSH06	Des. CSH01Element 563CSH02306CSH03610CSH04508CSH05373CSH06559	Des. CSH01Element 563Name Sales Requirem Code to identify P2 P4 SCCSH02306SI Action Code Code indicating BCSH03610Amount Monetary amoun Use to identify a exceed, shall res exceeds the max Account Number Account numberCSH04508Account Number Account number Date expressed a CSH06CSH06559Agency Qualifie Code identifying AXCSH07560Special Services Code identifying	Des. CSH01Element 563Name Sales Requirement Code Code to identify a specific requirement or agreement of sale P2P2Ship As Soon As Possible P4Do Not Preship SCP3Skip Complete Use to indicate partial shipments will The absence of this code indicates that quantities may be shipped. SISIShip In-PlaceCSH02306Action Code Code indicating type of action B Cancel Balance of Order/Item that Exc Specified in Data Element 610 GCSH03610Amount Monetary amount Use to identify a maximum amount not being filled.CSH04508Account Number Account Number Date expressed as CCYYMMDDCSH05373Date Date Code identifying the agency assigning the code values AXAXANSI Accredited Standards Committee Code identifying the special service NCNotify Consignee Before Delivery Use to indicate that the consignee or a contact must be notified in order to sc shipment. When used, provide the co communication number in the 2/PER.	Des. CSH01Element 563NameAtt Sales Requirement CodeAtt OCode to identify a specific requirement or agreement of sale P2Ship As Soon As Possible P4OP2Ship As Soon As Possible P4Do Not Preship SCScSGShip Complete Use to indicate partial shipments will not bi The absence of this code indicates that part quantities may be shipped. SISISH02306Action CodeOCode indicating type of action BCancel Balance of Order/Item that Exceeds 'I Specified in Data Element 610 GOCSH03610AmountX Monetary amount use to identify a maximum total line item amount, that if a cont exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line item or balance of the line. exceed shall result in the entire line it

850 Purchas	e Order				
Not Used	CSH08	566	Product/Service Substitution Code Code indicating product or service substitution conditions	0	ID 1/2
Not Used	CSH09	954	Percent Percentage expressed as a decimal	X	R 1/10
Not Used	CSH10	1004	Percent Qualifier Code to qualify percent	X	ID 1/2

	Segment:	FOF	F.O.B. Related I	Instructions	
	Position:	180			
	Loop:	PO1	Mandatory		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	>1			
	Purpose:	To specia	fy transportation ins	tructions relating to shipment	
Synt	tax Notes:	1 If FO	OB03 is present, the	n FOB02 is required.	
				n FOB05 is required.	
			• · · ·	n FOB06 is required.	
			-	n FOB09 is required.	
Seman	tic Notes:			party will pay the carrier.	
				fying transportation responsibility location	l.
				fying the title passage location.	6 mi :
				fying the point at which the risk of loss tra	
C		be d	ifferent than the loca	ation specified in FOB02/FOB03 and FOB	06/FOB07.
C	omments:	* **	•		
	Notes:	I. Use th	is segment to specif	ty an FOB point for a specific line item.	
				when the award instrument is for a servic	e without
		deliveral	bles or construction		
	D.C	Dete	Data Elen	nent Summary	
	Ref.	Data Element	Nome		Adduthundan
Must Use	<u>Des.</u> FOB01	Element	Name Shin mant Matha	l of Doom on t	Attributes
wrust Use	FOBUI	146	Shipment Method	ayment terms for transportation charges	M ID 2/2
			DF	Defined by Buyer and Seller	
				Use this code only to satisfy the manda	
				this data element. The receiving applic	
				not process this data. FOB terms are a incorporated FOB FAR clause.	lefined in the
	FOB02	309	Location Qualifie	*	X ID 1/2
			Code identifying t		
			Use to identify the		
			DE	-	
				Destination (Shipping)	
			OA	Origin (After Loading on Equipment)	
				Use to indicate FOB Origin with transp	
				charges prepaid by the seller and addee	
				item to the invoice. See FAR clause 52	2.247-32.
			OR	Origin (Shipping Point)	
			TM	Terminal	
				1. Use to indicate that the FOB point f	or delivery
				outside the continental United States is	-
				transportation terminal and not at orig	in or
				destination. FAR clauses 52.247-38, 5.	2.247-39, or a
				similar FAR clause may apply.	
				2. When used, identify the FOB point	in FAR03
			W	Worldwide Geographic Location Code	<i>IN Y OB05.</i>
				Use to indicate the FOB point for deliv	eries within the
				continental United States is destination	
				point for deliveries outside the continer	
				States is origin.	
	FOB03	352	Description		O AN 1/80
			A free-form descri	ption to clarify the related data elements ar	nd their content
			When FOB02 is co	ode TM, use to identify the location of the	FOB point. Cite
004010F850	0			120	14 April 1998

850	Purch	ase C)rder
050	1 ur ch	ase c	nuci

			the 5 position United Nations code for ports and other local (UN/LOCODE) in accordance with the United Nations Loc Manual.		n Code
Not Used	FOB04	334	Transportation Terms Qualifier Code Code identifying the source of the transportation terms	0	ID 2/2
Not Used	FOB05	335	Transportation Terms Code Code identifying the trade terms which apply to the shipment responsibility	X t tran	ID 3/3 sportation
Not Used	FOB06	309	Location Qualifier Code identifying type of location	X	ID 1/2
Not Used	FOB07	352	Description A free-form description to clarify the related data elements an	O nd th	AN 1/80 eir content
Not Used	FOB08	54	Risk of Loss Code Code specifying where responsibility for risk of loss passes	0	ID 2/2
Not Used	FOB09	352	Description A free-form description to clarify the related data elements an	X nd th	

Segment:	DTM Date/Time Reference
Position:	210
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	

Notes: Use this segment to provide actual dates applicable to the line item.

	Ref.	Data	Data Elei	nent Summary	
	Des.	Element	Name	~	Attributes
Must Use	DTM01	374	Date/Time Qualif	her pe of date or time, or both date and time	M ID 3/3
			002	Delivery Requested	
			002	Use when the delivery date of the order	r daes not
				conform to the basic IDC instrument.	
			017	Estimated Delivery	
			131	Item Contract Effective	
				Use with code RD8 in DTM05 to indic period for a line item, e.g., a provision the date range in DTM06.	Ų
			193	Period Start	
				Use to indicate the start of a period of lease.	performance or
			194	Period End	
				Use to indicate the end of a period of p lease.	erformance or
			275	Approved	
				Date report was approved by contractor	representative
			600	Use to indicate the approval date of a C Requirements List. As Of	Contract Data
			000	Use to indicate the "as of" date for sul	omission of
			601	<i>data.</i> First Submission	
			001	Use to indicate the date of the first sub-	mission of a
				data item specified by a Contract Data List.	-
			602	Subsequent Submission	
				Use to indicate the date(s) of a subseque submission(s) of a data item specified be Data Requirements List.	
			641	Option .	
			947	Use with DTM02 to indicate the last date exercise of an option or with DTM05/00 period during which the option may be Preparation	6 to indicate the
			996	Use to indicate the preparation date of Data Requirements List. Required Delivery	a Contract
			<i>,,,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Required Derivery	

				A date on which or before, ordered go must be delivered Use to indicate delivery is due on or b		
				specified date.		
	DTM02	373	Date		X	DT 8/8
			Date expressed as C	CCYYMMDD		
Not Used	DTM03	337	Time		Χ	TM 4/8
			HHMMSSD, or HH 59), S = integer sec	24-hour clock time as follows: HHMM, HMMSSDD, where $H =$ hours (00-23), N onds (00-59) and DD = decimal seconds lows: D = tenths (0-9) and DD = hundre	A = mi ; decin	inutes (00- mal seconds
Not Used	DTM04	623	Time Code		0	ID 2/2
	DTM05	1250	Organization standa in hours in relation	e time. In accordance with International ard 8601, time can be specified by a + or to Universal Time Coordinate (UTC) tir + and - are substituted by P and M in the Format Qualifier	· - and ne; sir	an indication nce + is a
			Code indicating the	date format, time format, or date and tin	ne for	mat
	DTM06	1251	RD8	Range of Dates Expressed in Format C CCYYMMDD A range of dates expressed in the form CCYYMMDD-CCYYMMDD where numerical expression of the century C MM is the numerical expression of the year, and DD is the numerical express within the year; the first occurrence of the beginning date and the second occu ending date	at CCYY C and e mont ion of CCY urrenc	Y is the year YY, th within the the day YMMDD is e is the
	DTM06	1251	Date Time Period		X	AN 1/35
			Expression of a date	e, a time, or range of dates, times or date	s and	times

.

	Segment:	TD5	, Carrier Details	(Routing Sequence/Transit Time)		
	Position:	250		, , , , , , , , , , , , , , , , , , ,		
	Loop:	PO1	Mandatory			
	Level:	Detail				
	Usage:	Optional				
	Max Use:	12				
	Purpose:	To specif	fy the carrier and s	equence of routing and provide transi	t time informa	tion
Synt	ax Notes:	-	•	TD504 TD505 TD506 or TD512 is re		
2				en TD503 is required.	1	
				en TD508 is required.		
				en TD511 is required.		
				en TD512 is required.		
				en TD513 is required.		
		7 If TI	D515 is present, th	en TD512 is required.		
Seman	tic Notes:	1 TD5	15 is the country v	where the service is to be performed.		
Comments: 1 When specifying a routing sequence to be used for the shipment movement i specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the routing sequence, specified by the party identified in TD502.				rty		
	Notes:	Use this .	segment to identif	y the transportation method that is a	pplicable to a	specific
		line item				
			Data Ele	ement Summary		
	Ref.	Data				
	Des.	Element	Name		<u>Attrib</u>	utes
Not Used	TD501	133	Routing Sequen			D 1/2
			Code describing	the relationship of a carrier to a specif	fic shipment m	ovement
	TD502	66	Identification C	ode Qualifier	X II	D 1/2
			Code designating Code (67)	the system/method of code structure	used for Ident	ification
			10	Department of Defense Activity	Address Code	

					P			
	TD502	66	Identification C	ode Qualifier	X	ID 1/2		
			Code designating	g the system/method of code structure	used for Id	entification		
			Code (67)					
			10	Department of Defense Activity (DODAAC)	Address Co	de		
				When TD504 is code PL, use to TD503 is the DODAAC of the p		e number in		
	TD503	67	Identification C		X	AN 2/80		
			Code identifying	a party or other code				
	TD504	91		Method/Type Code	X	ID 1/2		
				the method or type of transportation	for the shipn	nent		
				other than code ZZ.	·			
•			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.					
			D Parcel Post					
				he U.S. Postal Service and not a priv	ate carrier.			
				Data Element Dictionary for acceptal		les.		
Not Used	TD505	387	Routing	, , , , , , , , , , , , , , , , , , , ,		AN 1/35		
			0	ption of the routing or requested routi				
Not Used	TD506	368	Shipment/Order	-	· X	ID 2/2		
				he status of an order or shipment or t				
				en the quantity ordered and the quant				
Not Used	TD507	309	Location Qualif		0	ID 1/2		
			Code identifying	type of location				

TD508

310

Not Used

Code which identifies a specific location

Location Identifier

AN 1/30

Χ

850 Purchas	e Order				
Not Used	TD509	731	Transit Direction CodeThe point of origin and point of direction	0	ID 2/2
Not Used	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time	0 me	ID 2/2
Not Used	TD511	733	Transit TimeXThe numeric amount of transit time	X	R 1/4
	TD512	284	Service Level Code	X	ID 2/2
			Code indicating the level of transportation service or the billing by the transportation carrier Use any code other than code ZZ.	, se	rvice offered
			Refer to 004010 Data Element Dictionary for acceptable code v	/alı	ues.
Not Used	TD513	284	Service Level Code Code indicating the level of transportation service or the billing by the transportation carrier	X ; se	ID 2/2 prvice offered
Not Used	TD514	284		O ; se	ID 2/2 prvice offered
Not Used	TD515	26		0	ID 2/3

Segment:	TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position:	270
Loop:	PO1 Mandatory
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:	1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not
	exist for this product.

Comments:

			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name		<u>ributes</u>
	TD401	152	Special Handling Code	X	ID 2/3
			Code specifying special transportation handling instructions		
			Any code, other than code ZZZ, may be used but the listed preferred.	code	s are
			AMM A.M. Delivery Requirement		
			DA Dangerous		
			EP Expedite		
			EX Explosive Flammable Gas		
			FG Flammable Gas		
			FL Flammable		
			FP Flammable Poison Gas		
			HM Endorsed as Hazardous Material		
			LT Less Than Full Carload		
			LTT Less Than Truckload		
			NC Notify Consignee Before Delivery		
			PG Poisonous Gas		
			PMM P.M. Delivery Requirement		
			Refer to 004010 Data Element Dictionary for acceptable coc		
	TD402	208	Hazardous Material Code Qualifier	X	ID 1/1
			Code which qualifies the Hazardous Material Class Code (20)9)	
			U United Nations		
	TD403	209	Hazardous Material Class Code	Χ	AN 1/4
			Code specifying the kind of hazard for a material		
Not Rec	TD404	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data elements a	nd the	eir content
			Use of free form text is discouraged if the information can some other means within the transaction set.	be pr	ovided by
Not Used	TD405	1073	Yes/No Condition or Response Code	0	ID 1/1
			Code indicating a Yes or No condition or response		

126

5	Segment:	PCI	Percent Amounts	
	Position:	276		
	Loop:	PO1	Mandatory	
	Level:	Detail	-	
	Usage:	Optional		
Ν	Max Use:	>1		
	Purpose:	To qualif	fy percent amounts an	nd supply percent amounts
	x Notes:			
	ic Notes:			
Co	mments:	ور بونو بر		
	Notes:	arrangen	-	percentages, other than those associated with a pricing specific line item. Use the 1/PCT/276 segment if the e line item.
		2. Codes	used in PCT01 at th	is location may not be used in the 1/PCT/276 segment.
			Data Elem	ent Summary
	Ref.	Data	D.	
	Des.	Element	Name Dame life	Attributes
Must Use	PCT01	1004	Percent Qualifier Code to qualify per	M ID 1/2
			18	Percent of Value
				Use to indicate the fee or profit percentage based on
				cost.
			80	Percentage of Time
				Use to indicate the fee or profit percentage based on hours.
			CR	Contractor Share Ratio
				Use to indicate the contractor's portion of the target cost associated with a line item pricing arrangement.
			CS	Customer Share Ratio

EF

KA

KB

LM

OP

Use to indicate the Government's portion of the target cost associated with a line item pricing arrangement. **Escalation Factor**

Use when CN101 is code FX.

Variation in Quantity Over

The percent over a stated quantity in an order or line item on a contract, which the buyer agrees to accept and pay for, if delivered in an acceptable condition Variation in Quantity Under The percent under a stated quantity in an order or line

item on a contract, which will constitute an acceptable performance, if less than the stated quantity delivered Limit

Use to indicate the percentage of the replacement price above which repair/overhaul of the item identified in the PO1 segment is not cost effective. The replacement price is specified in the 2/CTP/040 segment.

Option Percentage Use to indicate the percent of the firm quantity that applies to the option quantity.

Must Use 954 Percent **PCT02** M R 1/10 Percentage expressed as a decimal Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are suppressed).

Segment:	MAN Marks and Numbers
Position:	280
Loop:	PO1 Mandatory
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.
	2 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.
	3 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. Shipping 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.
Notes:	Use to identify shipping container labeling information such as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

	Ref.	Data					
	Des.	Element	Name	Att	<u>ributes</u>		
Must Use	MAN01	88	Marks and Numbers Qualifier	Μ	ID 1/2		
			Code specifying the application or source of Marks and Numl	bers	(87)		
			L Line Item Only				
Must Use	MAN02	87	Marks and Numbers	Μ	AN 1/48		
			Marks and numbers used to identify a shipment or parts of a shipment				
	MAN03	87	Marks and Numbers	0	AN 1/48		
			Marks and numbers used to identify a shipment or parts of a shipment				
	MAN04	88	Marks and Numbers Qualifier	Χ	ID 1/2		
			Code specifying the application or source of Marks and Numbers (87)				
			L Line Item Only				
	MAN05	87	Marks and Numbers	Χ	AN 1/48		
			Marks and numbers used to identify a shipment or parts of a s	hipn	nent		
	MAN06	87	Marks and Numbers	0	AN 1/48		
			Marks and numbers used to identify a shipment or parts of a s	hipn	nent		

Segment:	MSG Message Text
Position:	289
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional (Not Recommended)
Max Use:	>1
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	1. Use to provide any plain text information not associated with a lead time, a clause, or an address.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	Μ	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 recei	X ving p	ID 2/2 printer
Not Used	MSG03	1470	Number A generic number	0	N0 1/9

Segment:	SPI Specification Identifier
Position:	290
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
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:	
Comments:	
Notes:	Use this segment to identify those elements of the award instrument that are classified

Use this segment to identify those elements of the award instrument that are classified and to specify the level of classification.

	Ref.	Data	Data Element Summary						
	Des.	Element	Name	Att	ributes				
Must Use	SPI01	786	Security Level Code	Μ	ID 2/2				
			Code indicating the level of confidentiality assigned by the sinformation following	sender	to the				
			Use to specify the level of Government security classification or comm						
			protection level assigned to the items identified in SPI02/0. both a Government security classification and a commerci		4				
			cite the Government security classification in this data eler commercial protection level in SPI09.	-					
			06 Supplier Proprietary						
			92 Government Confidential						
			93 Government Secret						
			94 Government Top Secret						
	SPI02	128	Reference Identification Qualifier	x	ID 2/3				
	51 102	140	Code qualifying the Reference Identification	Δ	10 215				
			1. Use to identify items within the transaction set that are c	Jaccit	iad a a				
			FMS case number, drawing number, SOW, etc. Use SPI0- the number or description of the item cited in SPI03, if new	4 to fu	urther define				
			2 Has more as to other three as to 77						
			2. Use any code other than code ZZ. Refer to 004010 Data Element Dictionary for acceptable code	de val	ues				
	SP103	127	Reference Identification	X	AN 1/30				
	51105	1.441	Reference information as defined for a particular Transactio						
			specified by the Reference Identification Qualifier	n oot	or ub				
	SPI04	790	Entity Title	0	AN 1/132				
			Title of the data entity						
			Use only if necessary to further define the item cited in SP.	<i>103</i> .					
Not Used	SPI05	791	Entity Purpose	0	AN 1/80				
			The reason for the existence of the data item specified by the item independent of its presence in an EDI transaction	e elect	tronic data				
Not Used	SPI06	792	Entity Status Code	0	ID 1/1				
			Code indicating the current status of the data item specified data item	by the	electronic				
Not Used	SPI07	353	Transaction Set Purpose Code Code identifying purpose of transaction set	0	ID 2/2				
Not Used	SPI08	755	Report Type Code	0	ID 2/2				
			Code indicating the title or contents of a document, report of	r supp	orting item				
	SPI09	786	Security Level Code	0	ID 2/2				
			Code indicating the level of confidentiality assigned by the s information following	sender	to the				
			When SPI01 is code 92, 93, or 94, use to identify the comm	iercia.	l protection				

850 Purchas	e Order				
			level assigned to the item in SPI03, if applicable.06Supplier Proprietary		
Not Used	SPI10	559	Agency Qualifier Code Code identifying the agency assigning the code values	0	ID 2/2
Not Used	SPI11	822	Source Subqualifier A reference that indicates the table or text maintained by the	O Sour	AN 1/15 ce Qualifier
Not Used	SPI12	554	Assigned Number Number assigned for differentiation within a transaction set	0	N0 1/6
Not Used	SPI13	1322	Certification Type Code Code indicating the type of certification	0	ID 1/1
Not Used	SPI14	1401	Proposal Data Detail Identifier Code Code identifying the basis of a cited value in a proposal	0	ID 1/3
Not Used	SPI15	1005	Hierarchical Structure Code Code indicating the hierarchical application structure of a tra utilizes the HL segment to define the structure of the transact		

Segment:	TXI Tax Information
Position:	291
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>]
Purpose:	To specify tax information
Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required.
	2 If either TXI04 or TXI05 is present, then the other is required.
	3 If TX108 is present, then TX103 is required.
Semantic Notes:	1 TXI02 is the monetary amount of the tax.
	2 TXI03 is the tax percent expressed as a decimal.
	3 TXI07 is a code indicating the relationship of the price or amount to the associated
	segment.
Comments:	

Notes:

1. Use this segment to identify taxes that apply to individual line item amounts. Use the 1/TXI/285 segment to identify taxes that apply to the entire order amount.

2. Codes used in TXI01 at this location may not be used in the 1/TXI/285 segment.

	Ref.	Data					
	Des.	Element	Name		<u>Att</u>	ributes	
Must Use	TXI01	963	Tax Type Code		Μ	ID 2/2	
			Code specifying the	•••			
			Use any code othe	er than code ZZ.			
			Refer to 004010 E	Data Element Dictionary for acceptable cod	e val	ues.	
	TXI02	782	Monetary Amoun	nt	Χ	R 1/18	
			Monetary amount				
	TXI03	954	Percent		Χ	R 1/10	
			Percentage expres	sed as a decimal			
			Cite 4.25% as .04.	25; cite 3% as .03 (note: leading and trail.	ing zo	eros are	
			suppressed).				
Not Used	TXI04	955	Tax Jurisdiction Code identifying t	Code Qualifier he source of the data used in tax jurisdictic		ID 2/2 de	
Not Used	TXI05	956	Tax Jurisdiction	Code	Χ	AN 1/10	
			Code identifying t	he taxing jurisdiction			
	TXI06	441	Tax Exempt Cod	e	X	ID 1/1	
			Code identifying exemption status from sales and use tax				
			3	Exempt (For Resale)			
			8	Exempt (Sale to U.S. Government)			
Rec	TXI07	662	Relationship Cod		0	ID 1/1	
			Code indicating th	e relationship between entities			
			А	Add			
				Use to indicate the tax amount cited in	TXI	02 is to be	
			D	added to the total line item amount.			
			D	Delete	arse r	0.2 4	
				Use to indicate the tax amount cited in been deleted from the total line item ar			
				in the Response to the Solicitation.	noun	<i>i proposeu</i>	
			Ι	Included			
				Use to indicate the tax amount cited in included in the total line item amount.	TXI	02 is	
	TXI08	828	Dollar Basis For		0	R 1/9	
			Dollar basis to be tax	used in the percent calculation of the allow	ance	, charge or	
004010F850 0			шЛ	122		14 April 199	

850 Purchase Or	der				
Т	XI09	325	Tax Identification Number	0	AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing j county, etc.); often called a tax exemption number or certification of the second secon		
			When TXI06 is used, provide the purchasing activity's tax e. when required by the taxing jurisdiction.	cemp	t number
TXI10	XI10	I10 350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			1. Use to identify the ACRN, project code, funding code, or accounting code to which a tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.		
			2. Use only when TXI07 is code A.		

5	Segment:	СТЕ	B Restrictions/C	Conditions		
	Position:	292				
	Loop:	PO1	Mandatory			
	Level:	Detail				
	Usage:	Optional				
	Max Use:	>1	· · · · · ·			
	Purpose:	-	-	ditions (such as shipping, ordering)		
Synta	ax Notes:			2 CTB04 or CTB06 is required. B04 is present, then the other is required		
				B06 is present, then the other is required		
Semant	ic Notes:	•		200 is present, then the other is required	·	
	mments:				1	
	Notes:	Use this .	segment to identi	fy conditions that apply to a specific line	e item.	
			Data El	ement Summary		
	Ref.	Data	N			
Must Has	Des.	Element	Name Destrictions/Co	nditions Qualifian		ributes ID 2/2
Must Use	CTB01	688		nditions Qualifier g the type of restriction/condition	М	ID 2/2
			OR	Ordering	•	
Not Dec	CTD03	250		Ordering	v	A NI 1/00
Not Rec	CTB02	352	Description	cription to clarify the related data elemen	X ts and the	AN 1/80
				y, to identify restrictions/conditions that m or to provide additional information i itions.		-
	CTB03	673	Quantity Quali	fier	X	ID 2/2
			Code specifying	the type of quantity		
			If either code M	N or 3W are cited in this data element, a	another r	repetition of
				REQUIRED citing the other code in this Maximum Transfer		
				Use to indicate a limited line item q	uantitv t	hat can be
				ordered in a specified time period p		
				504. Use of this code requires anot		
				this segment citing code MN in CT.	B03.	
			57	Minimum Order Quantity		
				Use to indicate the required minimi	um line i	tem
			70	quantity per order.		
			70	Maximum Order Quantity		
				Use to indicate the allowable maxim		
			MN	<i>quantity per order per FAR clause</i> . Month)2.210-1	7.
			1011 4	Use to indicate the number of mont	the over	which a
				specified limited line item quantity		
				e.g., no more than 500 units per mo	•	
				16.503 and 504. Use of this code re	_	
				repetition of this segment citing coa		
	CTB04	380	Quantity		X	R 1/15
			Numeric value o	f quantity		
	CTB05	522	Amount Qualifi	ier Code	· X	ID 1/3
			Code to qualify a	amount		
			MA	Maximum Amount		
				Use to indicate the allowable line its	em maxi	тит
				monetary amount per order per FA	R clause	52.216-
				<i>19.</i>		
			MO	Minimum Order Value		
				Minimum value of order allowed		
0040105950 0				104		

Use to indicate the required line item minimum monetary amount per order.

CTB06

610

Amount Monetary amount X N2 1/15

Purchase Order	
Segment:	PKG Marking, Packaging, Loading
Position:	305
Loop:	PKG Optional
Level:	Detail
Usage:	Optional
Max Use:	1
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:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "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).
Notes:	1. Packaging information such as the number of items in a unit container; the number of unit containers in an intermediate container; and the gross weight, cube and dimensions of a unit or intermediate container is carried in the 2/PO4/090 segment.
	2. The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.
	3. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.

Ref.	Data	Data Elem	ent Summary		
Des.	Element	Name		Att	ributes
PKG01	349	Item Description T	уре		ID 1/1
		Code indicating the	format of a description		
		F	Free-form		
		S	Structured (From Industry Code List)		
		Х	Semi-structured (Code and Text)		
PKG02	753	Packaging Charac	teristic Code	0	ID 1/5
		Code specifying the being described	marking, packaging, loading and related	chara	acteristics
			to identify the applicable packaging req	uirer	nents.
		CD	Cleaning or Drying Procedure		
		СТ	Cushioning Thickness		
		CUD	Cushioning and Dunnage		
		IC	Intermediate Container		
		OPI	Optional Procedure Indicator		
		PK	Packing		
			To specify commercial packaging, cite PKG03 and code U in PKG04.	code	DF in
		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 identifyin	ng the agency assigning the code values		
			DF	Department of Defense (DoD)		
			GS	General Services Administration (GSA)		
				Responsible for Federal Specification		
			ZZ	Mutually Defined		
				Use to indicate a Federal activity other than DOD or GSA.		
	PKG04	754	Packaging De	scription Code X AN 1/7		
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
			 The actual in PKG02 can Whenever a 	codes associated with the packaging characteristics codes cited be found in Code Source List 197 (MIL-STD 2073-1C). a code is used in PKG04 requires an explanation or additional rovide it in PKG05.		
Not Rec	PKG05	352	Description	X AN 1/80 scription to clarify the related data elements and their content		
			Instructions. I	de Supplemental Instructions or Special Packaging f the information to be provided exceeds the maximum length ment, provide the information in the 2/N9/330 loop, using 001.		
			some other me	form text is discouraged if the information can be provided by ans within the transaction set.		
	PKG06	400	Unit Load Op			
				ng loading or unloading a shipment		
			01	Palletized		
			10	Shrink-wrap		

Segment:	LS Loop Header
Position:	320
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To indicate that the next segment begins a loop
Syntax Notes:	
Semantic Notes:	1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
Comments:	1 See Figures Appendix for an explanation of the use of the LS and LE segments.
Notes:	Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.
D	Data Element Summary
Ref.	Data

	1101.	Data		
	Des.	Element	Name	<u>Attributes</u>
Must Use	LS01	447	Loop Identifier Code	M AN 1/6
			The loop ID number given on the transaction set dia	agram is the value for this
			data element in segments LS and LE	
			Cite the letters LDT.	

Segment:	LDT Lead Time
Position:	321
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
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.
Notes:	1. Use this segment to identify lead times that apply to a specific line item.

2. Codes used at this location, may not be used in the 1/LDT/160 segment.

	DC	Dete	Data Elem	ent Summary		
	Ref.	Data	Nama		A 44.	ributes
March HIm	Des.	Element 245	Name Load Time Code			ributes ID 2/2
Must Use	LDT01	345	Lead Time Code Code indicating the	time range	IVI	ID 2/2
			-	_		t alainmant
			AD	From date of sample approval to first pr	oauc	tsnipment
			AE	From date of PO receipt to shipment		
			AF	From date of PO receipt to delivery		
			AH	From Date of Receipt of First Article to Approval		Article
			AI	From Date of a Specified Event to Deliv	very	
				Use to indicate a lead time for delivery upon the specific event identified in the segment.	e 2/M	ISG/323
			AV	From Date of Award to Date of Latest I	Delive	ery
				Use to indicate the delivery lead time for a basic award instrument.		
			AW	From Date of Award to Date of Earliest	Deli	very
				Use to indicate the delivery lead time for a basic award instrument.		ine item in
			AX	From Date of Award to Date of Comple	etion	
				Use to indicate the delivery lead time f	or a l	ine item in
				a basic award instrument.		
			AY	From Date of Award to Date of Deliver	•	
				Use to indicate the delivery lead time for a basic award instrument.	or a l	ine item in
			AZ	From Date of Receipt of Item to Date of	f Apr	oroval of
				Item	PP	
			BD	From Date of Award to Date of Option	Exer	cise
			BG	From Date of a Specified Event to Date Exercise	of O	ption
				Identify the specified event in the 2/MS	SG/32	23 segment.
Must Use	LDT02	380	Quantity		Μ	R 1/15
			Numeric value of q	uantity		
Must Use	LDT03	344	Unit of Time Perio	od or Interval	Μ	ID 2/2
			Code indicating the	time period or interval		
			DA	Calendar Days		
			DW	Work Days		
			MO	Month		
Not Used	LDT04	373	Date		0	DT 8/8
Not Oscu	LD104	575	Date expressed as (CCYYMMDD	0	2:0/0
			2 are expressed as c			

Segment:	MSG Message Text
Position:	323
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Notes: When LDT01 is code AI or BG, use to identify the specified event.

			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	Μ	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 received	X ving p	ID 2/2 printer
Not Used	MSG03	1470	Number A generic number	0	N0 1/9

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14 April 1998

	Segment: Position: Loop: Level:	327 PO1 Detail	Loop Trailer Mandatory	
	Usage:	Optional		
-	Max Use:	I To indice	te that the loop immediately preceding this segment is comp	lata
	Purpose: ax Notes:	TO mulca	the that the loop infinediately preceding this segment is comp	lete
Semant	omments: Notes:	loop as m used traile loop in th 1 See 1 Use this	loop may be nested contained within another loop, provided terminates before the other loop. When specified by the stan andatory, this segment in combination with "LS", must be us if not specifically set forth for use. The loop identifier in the er must be identical. The value for the identifier is the loop II beginning segment. The loop ID number is given on the tran e appropriate ASC X12 version/release. Figures Appendix for an explanation of the use of the LE and segment only if the 2/LDT/321 loop is used. Use of this segu- between segments.	dards setting body sed. It is not to be loop header and O of the required saction set diagram
			Data Element Summary	
Must Use	Ref. <u>Des.</u> LE01	Data <u>Element</u> 447	Name Loop Identifier Code The loop ID number given on the transaction set diagram is data element in segments LS and LE <i>Cite the letters LDT</i> .	Attributes M AN 1/6 the value for this

Segment:	N9 Reference Identification
Position:	330
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	1. Use this loop to identify various references that are applicable to a specific line item.

Use the 1/N9/295 loop if the references apply to the entire award instrument.

2. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment. If an alternate is cited in N907-1/N907-2, the date of the alternate MUST be cited in the 2/DTM/332 segment citing code 102 in DTM01.

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	N901	128		entification Qualifier M ID 2/3
			Code qualifying	ng the Reference Identification
			16	Military Interdepartmental Purchase Request (MIPR) Number
			25	A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement
			2E	Foreign Military Sales Case Number
				A reference number designating the foreign military sale records
				Use to indicate a Foreign Military Sale.
			2S	Catalog
				Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source for a grant can be found.
			2Y	Wage Determination
				Use to indicate a Department of Labor Wage Determination number. Use if the wage determination is identified by reference only or to identify the wage determination if it is provided by some other means identified in the 2/PWK/070 segment.
			5N	Citation of Statute
			72	Use to indicate the legislative authorization under which this line item is awarded, e.g., a grant. Cite the legislative program title in N903.
			73	Statement of Work (SOW)
				Description of a product or service to be procured under a contract; statement of requirements
				If a Statement of Work is part of the award, the 2/PWK/070 segment can be used to identify how it is being provided.
0040105950 0				140

82	Data Item Description (DID) Reference
	Specific data elements that the government will ask a contractor to provide and are spelled out in specific
	requirement documents
97	Package Number
	A serial number indicating unit shipped
9B	Repriced Line Item Reference Number
	1. Use to indicate a special price authorization
	number.
	2. When used, code SPC should be used in CTP02 in
	the 2/CTP/040 segment within the PO1 loop of the line items that are authorized a special price. If applicable,
	include the name of the person authorizing the price using code 1A in PER01 in the 2/PER/110 segment.
9G	Department of Defense Form 250 Requirement Code
	Use to indicate the inspection and acceptance
	requirements for a data item specified on a Contract
	Data Requirements List in accordance with DOD
ADA	<i>5010.12-M.</i> Agency for International Development Acquisition
	Regulation (AIDAR)
AH	Agreement Number
	Use to indicate a Union Agreement number.
BCI	Basic Contract Line Item Number
	Use to indicate a line item/sub line item number in the
	basic award instrument cited in BEG03 to which the line item in PO101 pertains.
BL	Government Bill of Lading
CJ	Clause Number
DF	Defense Federal Acquisition Regulations (DFAR)
DG	Drawing Number
DHH	Department of Health and Human Services Acquisition
DOA	Regulation (HHSAR) Department of Agriculture Acquisition Regulation
DOA	(AGAR)
DOC	Department of Commerce Acquisition Regulation
DOE	(CAR) Department of Energy Acquisition Regulation (DEAR)
DOI	Department of Interior Acquisition Regulation (DIAR)
DOJ	Department of Justice Acquisition Regulation (JAR)
DOL	Department of Labor Acquisition Regulation (DOLAR)
DOS	Department of State Acquisition Regulation (DOSAR)
DOT	Department of Transportation Acquisition Regulation (TAR)
DTS	Department of the Treasury Acquisition/Procurement
E4	Regulation (TAPR) Charge Card Number
24	Use to indicate the Government credit card number
	under which payment for this instrument will be made. When required, identify the card expiration date in the 2/DTM/332 segment citing code 036 in DTM01.
EDA	Department of Education Acquisition Regulation (EDAR)
EPA	Environmental Protection Agency Acquisition
	Regulation (EPAAR)

FA

GS

HF

HT

IL

IO

IX

K0

KD

KL

KS

KV

LT

MU

NAS

NI

NJ

HUD

Receiver Identification Number

A unique number identifying the organization/site location designated to receive the current transmitted transaction set

Use to indicate the requiring office, i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use an abbreviation of the activity, e.g., NICP, Navy Inventory Control Point.

Federal Acquisition Regulations (FAR)

General Services Administration Regulations (GSAR)

Engineering Data List

Code of Federal Regulations

Department of Housing and Urban Development Acquisition Regulation (HUDAR)

Internal Order Number

Use to indicate the requisition (e.g., Military Standard Requisitioning and Issue Procedures (MILSTRIP) or Federal Standard Requisitioning and Issue Procedures (FEDSTRIP) document number). End Item

Item Number

Use to indicate a Federal Supply Schedule (FSS) Special Item Number.

Approval Code

Use to indicate the approval code on a Contract Data Requirements List in accordance with DOD 5010.12-M.

Special Instructions Number

Use to indicate a special instruction. Indicate the agency or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.

Contract Reference

For a Contract Data Requirements List data item, use to indicate the reference in the contract that generates the requirement for the data item (e.g., Statement of Work paragraph). Solicitation

A discreet number assigned by the purchasing activity to differentiate between different solicitations Use to indicate the solicitation number that resulted in the award of this line item. If applicable, identify the LAST amendment number of the solicitation in N907. Distribution Statement Code

Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item in accordance with DOD 5010.12-M. Lot Number

Military Specification (MILSPEC) Number

National Aeronautics and Space Administration FAR Supplement (NFS)

- Military Standard (MIL-STD) Number
- Technical Document Number

NL	Technical Order Number
P4	Project Code
	Use to indicate the project number applicable to the
DII	line item.
PH	Priority Rating
	Use to indicate the MILSTRIP/FEDSTRIP priority rating.
PL	Price List Number
	Use to indicate a Defense Supply Center Philadelphia
	Distribution and Pricing Agreement number
	applicable to the line item.
PR	Price Quote Number
	Use to indicate the contractor's quote or offer number.
QC	Product Specification Document Number
	Model designation of replacement component
RQ	Purchase Requisition Number
	Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). If it is necessary to identify the line item number from the PR or PRON, cite that number in N907.
RS	Returnable Container Serial Number
S3	Specification Number
	Use to indicate a specification number other than a
	Military Specification (MIL-SPEC). When used, cite the specification number in N902 and identify the issuing activity by citing code DUN or DX in N907 or by its text name in N903.
T4	Signal Code
	Defense Fuel Supply Center to bill back fuel purchases
	to the appropriate service or agency account fund
	Cite the signal code in N902 and, if required, the
TG	DODAAC of the supplemental address in N903. Transportation Control Number (TCN)
TN	Transaction Reference Number
	1. Use to indicate the unique reference number of a
	related transaction set (e.g. an 841 transaction set carrying a technical specification or a drawing). Each transaction set has a unique number. In the case of an 841 transaction set, that number is carried in SPI02.
	2. When used, cite the related transaction set's
	unique number in N902 and cite the X12 transaction set designator (841) of the related transaction set in N907 using code 7U.
TP	Test Specification Number
VB	Department of Veterans Affairs Acquisition Regulations (VAAR)
VQ	Related Contract Line Item Number
VW	Use to indicate a line item in the procurement instrument to which another line item pertains. Standard
	Use to indicate a standard other than a MIL-STD).
	When used, cite the standard number in N902, e.g.,
	ASTMD3951, and, if necessary, further identify the
3371	standard in N903. Disposal Turp In Document Number
W1	Disposal Turn-In Document Number

850 Purcha	se Order					
				Identifies material submitted for reuti marketing	lization	and
			W2	Weapon System Number		
				Identifies a weapon system		
				Use to indicate the Weapon System (Code.	
			WF	Locally Assigned Control Number		
			XC	Cargo Control Number		
			no	Use to indicate the tracking number	for bui	k fuel
				being sent by a tanker vessel.	jor om	кјисі
			XE	Transportation Priority Number		
				Number indicating the level of govern	-	•
			XY	associated with the transportation of a Other Unlisted Type of Reference Nu	-	ent
			АТ	Use to indicate any other reference the		motusea
				specific qualifier code. Indicate the s reference in N903 and use the follow	ource	of the
				segment, if necessary, to pass text.		
	N902	127	Reference Iden		X	AN 1/30
				mation as defined for a particular Transacti	on Set	or as
	N903	369	Free-form Des	Reference Identification Qualifier	х	AN 1/45
	11905	507	Free-form descr	-	~	AIT 1/45
				is code CJ, use to identify the organization	n icenin	an the clause
				f it cannot be identified by a code in N907.	. 199111	ig me chanse
				is code XY, use to identify the source of th ISG segment for text, if necessary.	e refer	ence and use
			3. When N901 address, if nece	is code T4, use to identify the DODAAC ogsary.	f the si	ıpplemental
				form text is discouraged if the information uns within the transaction set.	can be	e provided by
	N904	373	Date		0	DT 8/8
			Date expressed	as CCYYMMDD		
			For clauses tha	ify the issue date applicable to the reference t have a date expressed only as a month an f the date is always 01.		
				al dates applicable to the N901 reference,	use the	2/DTM/332
Not Used	N905	337	<i>segment.</i> Time		X	TM 4/8
				in 24-hour clock time as follows: HHMM,	or HH	
			HHMMSSD, or	HHMMSSDD, where $H = hours (00-23)$, N	M = mi	nutes (00-
			· · · · · · · · · · · · · · · · · · ·	seconds (00-59) and $DD =$ decimal seconds		
Not Hand	NIOOC	(22	-	follows: $D = tenths (0-9) and DD = hundred$		10-99) ID 2/2
Not Used	N906	623	Time Code	g the time. In accordance with International	_	
				andard 8601 , time can be specified by $a + or$		
				ion to Universal Time Coordinate (UTC) ti		
				cter, + and - are substituted by P and M in the	ne code	s that follow
	N907	C040	Reference Iden		0	
			-	or more reference numbers or identification	n numb	ers as
				Reference Qualifier	t are a	sociated
			-	site data element to identify references than to identify the state of a druk a state of		
Must Use	C04001	128	-	tification Qualifier	M	ID 2/3

Code qualifying the	he Reference	Identification
---------------------	--------------	----------------

			Code qualifyir	ng the Reference Identification		
			2G	Amendment		
			7M	Frame		
				Use in conjunction with N901 co	ode DG.	
			7P	Sheet		
				Use in conjunction with N901 co	ode DG.	
			7 S	Drawing Type		
				Use in conjunction with N901 co	ode DG.	
			7U	Related Transaction Reference N	umber	
				Use in conjunction with N901 co X12 designation (e.g., 841) of th		
			8Z	<i>set.</i> Alternate Clause Number		
			DUN	D-U-N-S Number Dun & Bradstr	root	
			DON			()
			DX	Use in conjunction with N901 constrained by Department/Agency Number	oue CJ or S	э.
			DA	Use in conjunction with N901 co	ada CI an S	12 40
				indicate a Department of Defens Activity Address Code.		
			FJ	Line Item Control Number		
				A unique number assigned to eac tracking purposes	h charge lir	ne used for
			WO	Use in conjunction with N901 co requisition line item.	ode RQ to i	ndicate the
			W8	Suffix Differentiates between partial act	ions taken o	on the
			YB	original transaction Revision Number		
Must Use	C04002	127	Reference Ide	ntification	М	AN 1/30
			Reference info	rmation as defined for a particular Trans	saction Set	or as
	C0 4002	100		e Reference Identification Qualifier	W	
	C04003	128		ntification Qualifier	X	ID 2/3
				g the Reference Identification		
			7M	Frame		
			7P	Sheet		
			7 S	Drawing Type		
	C04004	127	Reference Ide		X	AN 1/30
			specified by th	rmation as defined for a particular Trans e Reference Identification Qualifier	saction Set	
	C04005	128	Reference Ide	ntification Qualifier	X	ID 2/3
			Code qualifyin	g the Reference Identification		
			7M	Frame		
			7 P	Sheet		
			7 S	Drawing Type		
	C04006	127	Reference Ide	ntification	Х	AN 1/30
				rmation as defined for a particular Trans e Reference Identification Qualifier	saction Set	or as

Segment:	DTM Date/Time Reference
Position:	332
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Commontes	

Comments:

n . .

	Ref.	Data				
	Des.	Element	Name			<u>ributes</u>
Must Use	DTM01	374	Date/Time Qua		Μ	ID 3/3
				type of date or time, or both date and time		
			007	Effective		
				Use to indicate the effective date applier reference cited in N901.	cable	to a
			036	Expiration		
				Date coverage expires		
				Use to indicate the expiration date app reference cited in N901.	licab	le to a
			102	Issue		
			· .	<i>Use to provide a date applicable to a re N907-1</i> .	feren	nce cited in
			171	Revision		
				Use in conjunction with N907-1 code	YB.	
	DTM02	373	Date		Χ	DT 8/8
			Date expressed a	as CCYYMMDD		
			When N907-1 is the date is alway	code 8Z and DTM01 is code 102, the DD (os 01.	day)	portion of
Not Used	DTM03	337	Time		Χ	TM 4/8
			HHMMSSD, or 59), S = integer s	in 24-hour clock time as follows: HHMM, o HHMMSSDD, where $H =$ hours (00-23), M seconds (00-59) and DD = decimal seconds; follows: D = tenths (0-9) and DD = hundred	= mi decir	nutes (00- nal seconds
Not Used	DTM04	623	Time Code		0	ID 2/2
			Organization sta in hours in relati	the time. In accordance with International S ndard 8601, time can be specified by $a + or \cdot on$ to Universal Time Coordinate (UTC) tim ter, + and - are substituted by P and M in the	- and e; sin	an indication ce + is a
Not Used	DTM05	1250		od Format Qualifier	Χ	ID 2/3
			Code indicating	the date format, time format, or date and tim	e for	mat
Not Used	DTM06	1251	Date Time Perio	bd	X	AN 1/35
			Expression of a c	date, a time, or range of dates, times or dates	and	times

Segment:	MSG Message Text
Position:	340
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03

Notes:

is required.

1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.

2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.

3. When providing fill-in information, the following format is recommended:

a) In the first iteration of the segment, cite the clause title, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.

b) For each fill-in, begin a new MSG segment using the sequence in which the fillins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.

4. The purpose of the pipe sign () is to provide an indication to receiving applications that the data string related to a single entry has been completed.

An example of a clause with 3 fill-ins follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate I[3] MSG*1. 30| MSG*2. 30 Sep 1995| MSG*3. 15 Jan 1995|

5. An example alternative format provides all fill-in information within the title MSG segment as follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate 1/3/30/Sep 30, 1995/Jan 15, 1995

	Ref.	Data			
	Des.	Element	Name	Att	ributes
Must Use	MSG01	933	Free-Form Message Text	Μ	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	X	ID 2/2
			A field to be used for the control of the line feed of the receiv	ving p	orinter
Not Used	MSG03	1470	Number	0	N0 1/9
			A generic number		

820 P

urchas	e Order							
	Segment:	N1 N	lame					
	Position:	350						
	Loop:	N1 (Optional					
	Level:	Detail						
	Usage:	Optional						
	Max Use:	1						
	Purpose:			/pe of organization, name, and code				
Synt	ax Notes:			2 or N103 is required. 104 is present, then the other is required.				
	tic Notes:							
Сс	mments:	orga prov	nizational identivide a key to the	alone, provides the most efficient method of providing tification. To obtain this efficiency the "ID Code" (N104) must e table maintained by the transaction processing party.				
	NT /			ther define the type of entity in N101.				
	Notes:	Use the line item	1. Use this loop to identify organizations or locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items. Persons affiliated with organizations may be identified in the 2/PER/400 segment.					
		2. Use of N101, N103, and N104 is REQUIRED to identify organizations or locations. Names and addresses, in text, may be additionally provided using segments N2 through N4. Use of text is discouraged.						
		on a Con symbol o	ntract Data Req or code within t	s used to provide a ship-to address for distribution of a data item quirements List, N102 should be used to specify the office he receiving organization, if necessary. at this location may not be used in the 1/N1/310 segment.				
			Data	Element Summary				
	Ref. <u>Des.</u>	Data Element	Name	Attributes				
Use	N101	<u>98</u>	Entity Identi					
			·	ing an organizational entity, a physical location, property or an				
			56	Servicing Dealer				
			61	Use to indicate a dealer who services a product. This is the location where a product is taken to obtain service such as a repair. Performed At				
				The facility where work was performed				
			7D	Use to indicate additional places of performance for this line item when other than the address identified with code SE or FA in the 1/N1/310 segment. Contracting Officer Representative				
			7G	Hazardous Material Office				
			10					
			7P	Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location. Transportation Office				
				Transportation Office				
			88	Approver Manufacturer's representative approving claim for payment				
				Palmont				

9P

Must

Investigator

Use to indicate the party approving a Contract Data Requirements List.

Use to indicate the principal Grant Investigator's

organization if other than the selling party.

Bill-to-Party

~ 1	
	Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal Government billed party
	and not the party the contractor bills. Use is
	discouraged. Use only when the contractor or other party receiving the order or a copy of the order, needs
	to receive this information.
CY	Country
	Use to indicate the country to which a Foreign
	Military Sale applies.
DL	Dealer
DA	Use to indicate a dealer or reseller of products.
DS	Distributor
117	Use to indicate a distributor of products.
IF	International Freight Forwarder
IS	Party to Receive Certified Inspection Report
KG	Project Manager
	The address of the person responsible for the
	management of a designated project Use to indicate the Government organization
	responsible for a project to include the advisor under a
	Grant.
KY	Technical Office
	Use to indicate the technical office that has
	cognizance over the technical portion of the order, if
	different than the office originating the order. Do not use unless it is intended for the contractor to deal
	directly with the cited party.
OI	Outside Inspection Agency
	Use to indicate the inspection activity is other than the
	Contract Administration Office.
P1	Preparer
	The firm, organization, or individual who determines
	the tax liability from information supplied by the taxpayer
	Use to indicate the preparer of a Contract Data
	Requirements List.
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PN	Party to Receive Shipping Notice
PW	Pick Up Address
R6	Requester
	Use to indicate the requesting agency/activity.
SM	Party to Receive Shipping Manifest
ST	Ship To
	Use to indicate the Ship-to addressee for a CLIN or
CM	SUBCLIN, or the distribution addressee for a CDRL. Service Performance Site
SV	
	When services are contracted for, this describes the organization for whom or location address at which
	those services will be performed
	Use to indicate the location where a service is
TO	provided.
TS	Party to Receive Certified Test Results
X2	Party to Perform Packaging

850 Purchase	e Order					
			Z4	A party responsible for packaging an it been produced Owning Inventory Control Point	em af	ter it has
				An inventory control organization responses management of a particular item		
				Use to indicate the Government invent	tory n	nanager.
			Z7	Mark-for Party		
				The party for whom the needed materia	al is ir	ntended
			ZD	Party to Receive Reports		
				The organization designated to receive	repor	ts
Not Rec	N102	93	Name Free-form name		X	AN 1/60
Must Use	N103	66	Identification Code Code designating th Code (67)	e Qualifier e system/method of code structure used :	X for Id	ID 1/2 entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	Use of the DUNS or DUNS+4 number over other codes to identify an entity. D-U-N-S+4, D-U-N-S Number with Fo Suffix Use of the DUNS or DUNS+4 number	our Cl	naracter
			10	over other codes to identify an entity. Department of Defense Activity Addres (DODAAC)		
			33	Use to indicate either a Department of Civilian Agency Activity Address Code Commercial and Government Entity (C	2.	
			38	Country Code	AUL)
			30	Use in conjunction with N101 code Cy position ISO 3166 country code in N10		cite the 2
Must Use	N104	67	Identification Code Code identifying a p		X	AN 2/80
Not Used	N105	706	Entity Relationship Code describing ent		0	ID 2/2
Not Used	N106	98	Entity Identifier C Code identifying an individual	ode organizational entity, a physical locatior	O n, proj	ID 2/3 perty or an

N2 Additional Name Information
360
N1 Optional
Detail
Optional (Not Recommended)
2
To specify additional names or those longer than 35 characters in length

Data Element Summary

Must	t Use

Ref.

Data

	Des. Eleme		Name	Attributes
e	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

N3 Address Information

Segment:	N3 Address Information
Position:	370
Loop:	N1 Optional
Level:	Detail
Usage:	Optional (Not Recommended)
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes
Must Use	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment:	N4 Geographic Location
Position:	380
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	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 U.S. or Canada.

	Ref.	Data			
	Des.	Element	Name	Att	ributes
	N401	19	City Name	0	AN 2/30
			Free-form text for city name		
			When the address is a military overseas post office, cite AF appropriate to identify an Army Post Office (APO) or Fleet (FPO).		
	N402	156	State or Province Code	0	ID 2/2
			Code (Standard State/Province) as defined by appropriate go	overnr	nent agency
			Use codes AA (Armed Forces Americas), AE (Armed Force (Armed Forces Pacific) as appropriate for the military over		post office.
	N403	116	Postal Code	0	ID 3/15
			Code defining international postal zone code excluding punc (zip code for United States)	tuatio	on and blanks
	N404	26	Country Code	0	ID 2/3
			Code identifying the country		
			Cite the two position ISO 3166 country code.		
Not Used	N405	309	Location Qualifier Code identifying type of location	X	ID 1/2
Not Used	N406	310	Location Identifier Code which identifies a specific location	0	AN 1/30

Segment:	QTY Quantity
Position:	383
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify quantity information
Syntax Notes:	1 At least one of QTY02 or QTY04 is required.
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	When N101 is code ST and the contract deliverable is data, a report, or similar intangible product the is to be distributed, use this segment to identify the quantity of regular, draft or reproducible copies required.

			Data Elem	ent Summary		
	Ref. Des.	Data Element	Name		Att	ributes
Must Use	QTY01	673	Quantity Qualifier	-	M	ID 2/2
			Code specifying the	e type of quantity		
			52	Number of Originals		
				Use to indicate regular copies.		
			K6	Drafts		
			KF	Duplicates		
				Use to indicate reproducible copies.		
	QTY02	380	Quantity		X	R 1/15
			Numeric value of q	-		
Not Used	QTY03	C001	Composite Unit of		0	
			• •	osite unit of measure (See Figures Appen	dix f	or examples
Not Used	C00101	355	of use) Unit or Basis for N	Aeasurement Code	М	ID 2/2
not oscu	C00101	555		e units in which a value is being expressed		
			which a measureme		<i>.</i>	
Not Used	C00102	1018	Exponent		0	R 1/15
	C00400	<i>c</i> 10	Power to which a u	nit is raised	•	D 1/10
Not Used	C00103	649	Multiplier Value to be used as	a multiplier to obtain a new value	0	R 1/10
Not Used	C00104	355		leasurement Code	0	ID 2/2
				e units in which a value is being expressed	l, or i	manner in
Not Used	C00105	1018	which a measureme Exponent	ent has been taken	0	R 1/15
nor esta	00105	1010	Power to which a u	nit is raised	U	K 1/15
Not Used	C00106	649	Multiplier		0	R 1/10
			Value to be used as	a multiplier to obtain a new value		
Not Used	C00107	355		leasurement Code	0	ID 2/2
				e units in which a value is being expressed	, or I	manner in
Not Used	C00108	1018	which a measureme Exponent	ent has been taken	0	R 1/15
not oscu	00100	1010	Power to which a u	nit is raised	U	K 1/15
Not Used	C00109	649	Multiplier		0	R 1/10
			-	a multiplier to obtain a new value		
Not Used	C00110	355		leasurement Code	0	ID 2/2
				e units in which a value is being expressed	, or 1	manner in
Not Used	C00111	1018	which a measureme Exponent	ant has been taken	0	R 1/15
	CONT	1010	Power to which a up	nit is raised	Ŭ	

850 Purchase Order						
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10	
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expresse which a measurement has been taken	O ed, or r	ID 2/2 nanner in	
Not Used	C00114	1018	Exponent Power to which a unit is raised	0	R 1/15	
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10	
Not Used	QTY04	61	Free-Form Message Free-form information	X	AN 1/30	

Segment:	REF Reference Identification		
Position:	390		
Loop:	N1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify identifying information		
Syntax Notes:	1 At least one of REF02 or REF03 is required.		
	2 If either C04003 or C04004 is present, then the other is required	l.	
	3 If either C04005 or C04006 is present, then the other is required	1.	
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.		
Commonte			

Comments: Notes:

Use this segment to identify reference numbers applicable to a ship-to location, i.e., when N101 is code ST.

			Data Ele	ement Summary		
Must Use	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128		ification Qualifier the Reference Identification Internal Order Number		<u>ributes</u> ID 2/3
			TG	Use to indicate the requisition (MILSTRIP/FEDSTRIP document) r Transportation Control Number (TCN)		2 7.
			TH	Transportation Account Code (TAC)		
			XE	Transportation Priority Number		
			х.	Number indicating the level of govern associated with the transportation of a		
	REF02	127	Reference Ident	•	-	AN 1/30
Not Head	DEE02	250	specified by the l	nation as defined for a particular Transactic Reference Identification Qualifier		
Not Used	REF03	352	Description A free-form desc	ription to clarify the related data elements	X and th	AN 1/80 eir content
Not Used	REF04	C040	Reference Ident		0	
			•	or more reference numbers or identification Reference Qualifier	numb	ers as
Not Used	C04001	128		ification Qualifier the Reference Identification	Μ	ID 2/3
Not Used	C04002	127		ification nation as defined for a particular Transactio Reference Identification Qualifier	M on Set	AN 1/30 or as
Not Used	C04003	128	Reference Ident	ification Qualifier the Reference Identification	X	ID 2/3
Not Used	C04004	127		ification nation as defined for a particular Transactio Reference Identification Qualifier	X on Set	AN 1/30 or as
Not Used	C04005	128	Reference Ident	ification Qualifier the Reference Identification	X	ID 2/3
Not Used	C04006	127		ification nation as defined for a particular Transactio Reference Identification Qualifier	X Set	AN 1/30 or as

Segment:	PER Administrative Communications Contact
Position:	400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	

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Comments: Notes:

Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.

			Data El	ement Summary	
Must Use	Ref. <u>Des.</u> PER01	Data <u>Element</u> 366	<u>Name</u> Contact Function Code identifying	o n Code , the major duty or responsibility of	Attributes M ID 2/2 the person or group named
			AV	Advisor	1 0 1
			CD	Use in conjunction with N101 Government technical represen with the contractor on basic R particular science area. Contract Contact	ntative who will work
			НМ	Use in conjunction with N101 Contracting Officer's Represen Hazardous Material Contact	
				Use in conjunction with N101	code 7G.
			IC	Information Contact	
			KC	Use with an applicable N101 c information point of contact w applies. Accepting Official	
			NT	Use in conjunction with N101 accepting official at destination Notification Contact	
			РР	When N101 is code ST and CS segment cites code NC, use to contacted for shipping instruct Program Manager	indicate the party to be
				1. Includes Grants Project Of	ficer
			RE	2. Use in conjunction with N1 Receiving Contact	
				When N101 is code ST and CS segment cites code NC, use to contacted to schedule a shipme	indicate the party to be
	PER02	93	Name		O AN 1/60
			Free-form name		
			name, is preferr	he name of a point of contact. Last ed. If the whole name is longer tha e first name is recommended. PER	in 35 characters, the use
	PER03	365		n Number Qualifier	X ID 2/2

		Code identifying the type of communication number		
		TE Telephone		
PER04	364	Communication Number	Χ	AN 1/80
		Complete communications number including country or area applicable	1 code	when
		The telephone number shall be transmitted as a continuous extraneous characters. Include the country code and area		
		extension applies to the telephone number, concatenate the extension at the end of the number, e.g., 17035551212X12	e letter	•
PER05	365	Communication Number Qualifier	Χ	ID 2/2
		Code identifying the type of communication number		
		FX Facsimile		
PER06	364	Communication Number	X	AN 1/80
		Complete communications number including country or area applicable		
		The fax number shall be transmitted as a continuous number extraneous characters. Include the country code and area		tlı no
PER07	365	Communication Number Qualifier	Χ	ID 2/2
		Code identifying the type of communication number		
		EM Electronic Mail		
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area applicable	1 code	when
PER09	443	Contact Inquiry Reference	0	AN 1/20
		Additional reference number or description to clarify a conta	ict nur	nber
		Use , if necessary, to provide the title of the party cited in P	ER02	•

850 Purchas	e Order				
	Segment:	SCE	Line Item Schedule		
	Position:	415			
	Loop:		Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	200			
0	Purpose:		fy the data for scheduling a specific line-item		
Synt	tax Notes:		CH03 is present, then SCH04 is required. CH08 is present, then at least one of SCH09 or SCH10 is requir	od	
			CH09 is present, then SCH08 is required.	cu.	
			CH10 is present, then SCH08 is required.		
Seman	tic Notes:		12 is the schedule identification.		
C	omments:		05 specifies the interpretation to be used for SCH06 and SCH0		
	Notes:		segment to identify a partial delivery when it can be specified plicable to a named entity.	as a	n actual date
	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Atti	ributes
Must Use	SCH01	380	Quantity	M	R 1/15
			Numeric value of quantity		
Must Use	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed.	M , or r	ID 2/2 nanner in
			which a measurement has been taken 1. Use any code other than code ZZ.		
			2. An application program conversion table may be required agency codes to ASC X12 codes.		
	COMA	0.0	Refer to 004010 Data Element Dictionary for acceptable code	_	
Not Used	SCH03	98	Entity Identifier Code Code identifying an organizational entity, a physical location,	O proj	ID 2/3 perty or an
			individual	• •	
Not Used	SCH04	93	Name	X	AN 1/60
			Free-form name		
Must Use	SCH05	374	Date/Time Qualifier	Μ	ID 3/3
			Code specifying type of date or time, or both date and time996Required Delivery		
			A date on which or before, ordered good must be delivered	s or	services
			Use to indicate that delivery is due on o	r bef	fore the
	COLLAC	252	specified date.	D.A	DT 0/0
Must Use	SCH06	373	Date Date expressed as CCYYMMDD	Μ	DT 8/8
Not Hand	SC1107	227	Time	0	TM 4/8
Not Used	SCH07	337	Time expressed in 24-hour clock time as follows: HHMM, or	-	
			HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$, $M =$		
			59), S = integer seconds (00-59) and DD = decimal seconds; σ		
			are expressed as follows: $D = tenths (0-9) and DD = hundredt$		
Not Used	SCH08	374	Date/Time Qualifier	X	ID 3/3
	~ ~ ~ ~ ~ ~ ~		Code specifying type of date or time, or both date and time		
Not Used	SCH09	373	Date Date expressed as CCYYMMDD	X	DT 8/8
Not Used	SCH10	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or		
			HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$, $M = 59$, $S = integer seconds (00-59) and DD = decimal seconds; of the second second$		
			are expressed as follows: $D = \text{tenths} (0.9)$ and $DD = \text{hundredt}$		
Not Used	SCH11	326	Request Reference Number	0	AN 1/45
004010F850			161		14 April 1998

Not Used SC 004010F850_0 AN 1/45 14 April 1998

850 Purchase	Order					
			Reference number or RFQ number to use to identify a particular and query (additional reference number or description which ca	-		
			contract number)			
Not Used	SCH12	350	Assigned Identification ()	AN 1/20	
			Alphanumeric characters assigned for differentiation within a tr	ans	saction set	

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Segment:	LDT Lead Time
Position:	462
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
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.
Notes:	Use this loop if the delivery schedule is expressed as a set time period after the occurrence of some event, and the ship-to address differs by line item. If the delivery schedule is the same for all the ship-to addressees for the line item, use the 2/LDT/321 loop.

Data Element Summary

	Ref.	Data				
	Des.	<u>Element</u>	Name		Attr	ibutes
Must Use	LDT01	345	Lead Time Code		Μ	ID 2/2
			Code indicating the	time range		
			AY	From Date of Award to Date of Deliver	У	
Must Use	LDT02	380	Quantity		Μ	R 1/15
			Numeric value of q	uantity		
Must Use	LDT03	344	Unit of Time Perio	od or Interval	Μ	ID 2/2
			Code indicating the	time period or interval		
			DA	Calendar Days		
			MO	Month		
Not Used	LDT04	373	Date		0	DT 8/8
			Date expressed as C	CCYYMMDD		

.

Segment:	QTY Quantity
Position:	466
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify quantity information
Syntax Notes:	1 At least one of QTY02 or QTY04 is required.
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	Use this segment to specify the quantity of an item that is to be delivered in accordance

Use this segment to specify the quantity of an item that is to be delivered in accordance with a lead time.

			Data Element Summary			
	Ref.	Data			.,	
Must Use	<u>Des.</u> QTY01	Element 673	Name Overtity Overlifier	Att M		<u>utes</u> D 2/2
wiust Use	QIIUI	075	Quantity Qualifier Code specifying the type of quantity	IVI	11	9 41 4
			1J Due			
			The amount due to the customer			
			Use to indicate the quantity to be deliv	orod		
	QTY02	380	Quantity	X	R	1/15
	Q110#	500	Numeric value of quantity	~	11	1/15
	QTY03	C001	Composite Unit of Measure	0		
	Q1105	CUUI	To identify a composite unit of measure (See Figures Appen		or e	vamples
			of use)	IUIA I	01 0	Admpres
Must Use	C00101	355	Unit or Basis for Measurement Code	Μ	I) 2/2
			Code specifying the units in which a value is being expresse	d, or i	man	iner in
			which a measurement has been taken			
			Use any code other than code ZZ.	, ,		
	C00100	1010	Refer to 004010 Data Element Dictionary for acceptable coo			
Not Used	C00102	1018	Exponent Power to which a unit is raised	0	к	1/15
Not Used	C00103	649	Multiplier	0	P	1/10
i tot estu	00105	047	Value to be used as a multiplier to obtain a new value	v	I	1/10
Not Used	C00104	355	Unit or Basis for Measurement Code	0	IL) 2/2
			Code specifying the units in which a value is being expresse	d, or r	nan	iner in
			which a measurement has been taken	_	_	
Not Used	C00105	1018	Exponent	0	R	1/15
Not Used	C00106	(40	Power to which a unit is raised	0	р	1/10
Not Osed	C00100	649	Multiplier Value to be used as a multiplier to obtain a new value	0	ĸ	1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	0	Т	2/2
	000107	000	Code specifying the units in which a value is being expresse	-		
			which a measurement has been taken			
Not Used	C00108	1018	Exponent	0	R	1/15
NT . TT .	-		Power to which a unit is raised		_	
Not Used	C00109	649	Multiplier	0	R	1/10
Not Used	C00110	355	Value to be used as a multiplier to obtain a new value	•	IĽ	2/2
Not Oseu	CUUIIU	333	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed	O doru		
			which a measurement has been taken	, 01 1	11411	
Not Used	C00111	1018	Exponent	0	R	1/15
			Power to which a unit is raised			
Not Used	C00112	649	Multiplier	0	R	1/10
004010F850_	0		164		14	April 1998

			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expresse which a measurement has been taken	O d, or i	ID 2/2 manner in
Not Used	C00114	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X	AN 1/30

AMT Monetary Amount

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:

600 AMT Optional Detail Optional 1 To indicate the total monetary amount

1. This segment can be used to specify the amount obligated against a line item and its associated ACRN (REF01 is code AX), and to specify amounts associated with an award fee, incentive, fixed-fee, or cost sharing line items.

2. The following table identifies how each code listed in AMT01, other than codes 1, 29, EN, KC, KQ, and KR is to be used depending on the code cited in CN101.

COST, FEE, AND PRICE EXPRESSION TABLE

BEG09 Code AMT01 Code AMT01 Code Use

CA/CY	33	Target Cost
CA/CY	32	Target Fee
CA/CY	AEG	Minimum Fee
CA/CY	AEH	Maximum Fee
СН	FQ	Contractor Firm Share
СН	FR	Estimated Government Share
CS	N/A	Use the 3/AMT/020 segment, code TT
CW/CX	33	Cost
CW	AEF	Base Fee
CW	AEE	Award Fee
CX	FE	Fixed Fee
FB/FC	33	Target Cost
FB/FC	32	Target Profit
FB/FC	30	Price Ceiling
177	37/ /	

FD N/A For fixed-price contracts with prospective price redetermination, use the 3/AMT/020 segment, code 29 for contract total amount; and use the 2/AMT/600 segment code 1 when CN101 is code FR for Fixed Price Items, and code 29 when CN101 is code FD for redeterminable items without a ceiling price or code 30 for redeterminable items with a ceiling price.

FM N/A For fixed-price contracts with retroactive price redetermination, use the 3/AMT/020 segment, code 30 for contract ceiling price; and use the 2/AMT/600 segment code 30 when CN101 is code FM for fixed ceiling price if items subject to differing contract type are present in the same contract.

FF/FG	ZQ	Initial Target Cost
FF/FG	K4	Initial Target Profit
FF/FG	AEH	Target Profit Ceiling
FF/FG	AEG	Target Profit Floor
FF/FG	30	Ceiling Price
FH	33	Fixed Price
FH	AEF	Base Fee
FH	AEE	Award Fee
FJ/FX/LH/1	M N/A	Use the 2/AMT/600 segment, code 1 for fixed price
line items; an	nd the 3/AMT/0	20 segment, code TT for contract total amount

FK

No cost or price information requirement

N/A

3. When an agency includes accounting data within the award instrument, use of this AMT loop is REQUIRED to identify the obligated amount and its associated ACRN, TAC code, or equivalent funding source for each PO1 loop that creates an obligation.

			Data Eleme	ent Summary	
	Ref.	Data			
	Des.	Element	Name		Attributes
Must Use	AMT01	522	Amount Qualifier Code to qualify amo		M ID 1/3
					for In Ct
				use of the following codes in various the of contract, see the table above.	fee and profit
			2. Codes 1. 29. EN.	and KC, are to be used in accordan	ce with the notes or
			definition associated		
			1	Line Item Total	
				Use to indicate the line item total a	mount.
			29	Estimated Price	
				The latest revised estimate of the to for a contract	tal cost at complete
			30	Contract Ceiling	
				The ceiling price applicable to defin	ned effort
			32	Target Fee or Profit Amount	
				The fee (can also be percent) of pro defined contract effort	fit that will apply to
			33	Original Contract Target Cost	
				Value of the original negotiated cor	tract
			AEE	Award Fee	
			AEF	Base Fee	
			AEG	Target Profit Floor	
			AEH	Target Profit Ceiling	
			EN	Cancellation Fee	
				When LQ02 in the 2/LQ/630 segments use to indicate the cancellation ceil	
			FF	multi-year line item.	
			FE	Fee	
			FQ	Firm Contractor Share	
			FR	Use, in conjunction with CN101 co FC, FF, or FG, as applicable. Estimated Government Share	odes CA, CY, FB,
				Use, in conjunction with CN101 co	des CA CV FR
				FC, FF, or FG, as applicable.	uco CA, CI, TD,
			K4	Initial Target Fee	
			KC	Obligated	
				An amount a party has an obligation successful performance by another obligated on a contract)	
			ZQ	Use in conjunction with the 2/REF indicate the obligated funds associ- accounting code. Initial Target Cost	U U
Must Use	AMT02	782	Monetary Amount	0	M R 1/18
		, 0 2	Monetary amount		
Not Used	AMT03	478	Credit/Debit Flag (Code	O ID 1/1
			-	other amount is a credit or debit	

Segment:	REF Reference Identification
Position:	610
Loop:	AMT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	Use this segment to identify reference numbers applicable to an amount cited in

Use this segment to identify reference numbers applicable to an amount cited in AMT02, e.g., an ACRN, fund code, accounting code, appropriation number, etc.

			Data I	Element Summary		
	Ref.	Data				
	Des.	Element	Name			ributes
Must Use	REF01	128		ntification Qualifier	M	ID 2/3
				g the Reference Identification		
			1Z	Financial Detail Code		
			ACT	Accounting Code		
			AT	Appropriation Number		
				When used, cite the number in REF	03.	
			AX	Government Accounting Class Reference (ACRN)	ence Ni	umber
			FU	Fund Code		
			P4	Defense Fuel Supply Center to bill ba to the appropriate service or agency a Project Code		-
			TH	Transportation Account Code (TAC)		
	REF02	127	Reference Ide		x	AN 1/30
	KET V2	141		rmation as defined for a particular Transacti		
				e Reference Identification Qualifier	on Set	UI as
	REF03	352	Description		X	AN 1/80
			-	scription to clarify the related data elements	and th	eir content
				is code AT, use to identify the appropriatio		
Not Used	REF04	C040	Reference Ide		0	
			To identify one	or more reference numbers or identification	n numb	ers as
			-	e Reference Qualifier		
Not Used	C04001	128	Reference Ide	ntification Qualifier	Μ	ID 2/3
			Code qualifyin	g the Reference Identification		
Not Used	C04002	127	Reference Iden		Μ	AN 1/30
				rmation as defined for a particular Transacti	on Set	or as
Not Used	C04003	128		e Reference Identification Qualifier ntification Qualifier	X	ID 2/3
Not Used	04003	120		g the Reference Identification	Л	ID 2/3
Not Used	C04004	127	Reference Ide	-	X	AN 1/30
not oscu	04004	127	Reference infor	rmation as defined for a particular Transacti e Reference Identification Qualifier		
Not Used	C04005	128		ntification Qualifier	X	ID 2/3
				g the Reference Identification		
Not Used	C04006	127	Reference Iden	ntification	Χ	AN 1/30
				rmation as defined for a particular Transacti	on Set	or as
			specified by the	e Reference Identification Qualifier		

LM Code Source Information Segment: **Position:** 620 LM Loop: Optional Level: Detail Optional Usage: Max Use: 1 **Purpose:** To transmit standard code list identification information Syntax Notes: Semantic Notes: **Comments:** LM02 identifies the applicable industry code list source information. 1 Notes:

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Use this loop to convey data that cannot be provided in other segments within the Detail of this transaction set, e.g., field contract administration office data, and which applies to a specific line item. If the data can only apply to the entire award instrument, use the 1/LM/430 loop.

Must Use	Ref. <u>Des.</u> LM01	Data <u>Element</u> 559	<u>Name</u> Agency Qual		<u>Attı</u> M	ributes ID 2/2
			Code identify FG	ing the agency assigning the code values Federal Government		
	LM02	822	Source Subq		0	AN 1/15
			A reference th	hat indicates the table or text maintained by t	the Sour	ce Qualifier
			LQ02, e.g., F. Functional W	is code ZZ, identify the code list that contain P1. Code lists maintained by the Federal F Vork Group are contained in the Federal El Jound at URL: http://snad.ncsl.nist.gov/fede	Procuren DI Codii	nent

LQ Industry Code Segment: 630 **Position:** Loop: LM Optional Level: Detail Mandatory Usage: Max Use: >1 Code to transmit standard industry codes **Purpose:** 1 If LQ01 is present, then LQ02 is required. Syntax Notes: Semantic Notes: **Comments:**

Data Element Summary

Ref.	Data							
Des.	Element	Name		Attr	ributes			
LQ01	1270	Code List Qualifi	ier Code	0	ID 1/3			
		Code identifying a	Code identifying a specific industry code list					
		FX	Frequency					
		ZZ	When PO101 begins with an alpha DTM01 in the 2/DTM/210 segment LDT01 in the 2/LDT/321 segment this code to indicate the frequency deliveries of a data item. Mutually Defined	nt cites con cites codo	de 601 or e AI, use			
		Use to indicate that a code list is in	lentified i	n LM02.				
LQ02	1271	Industry Code		X	AN 1/30			
		Code indicating a	code from a specific industry code list					
		1. Use to cite a co	ode from the code list identified by the	qualifier	in LQ01.			
		2. When LQ01 is LM02.	code ZZ, use to cite a code from the c	ode list id	lentified in			
		3. To identify the Government inspection point, cite code FP1 in LM02 and code ZZ in LQ01. When inspection is at destination, cite code DND in LQ02. When inspection is at source, cite code DNS in LQ02.						
			Government acceptance point, cite co					

code ZZ in LQ01. When acceptance is at destination, cite code DAD in LQ02. When acceptance is at source, cite code DAS in LQ02.

Segment:	CTT Transaction Totals
Position:	010
Loop:	CTT Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
	2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	CTT01	354	Number of Line Items	Μ	N0 1/6
			Total number of line items in the transaction set		
			Use to identify the total number of PO1 segments contained	in th	his
			transaction set.		
	CTT02	347	Hash Total	0	R 1/10
			Sum of values of the specified data element. All values in the be summed without regard to decimal points (explicit or impli Truncation will occur on the left most digits if the sum is great maximum size of the hash total of the data element. Example: occurrence of value being hashed18 Second occurrence of value hashed. 1.8 Third occurrence of value being hashed. 18.01 For of value being hashed 1855 Hash total prior to truncat total after truncation to three-digit field. Use to identify the sum of the quantities (PO102) for all PO10	cit) ter t 00 alue urth tion	or signs. han the 18 First being occurrence . 855 Hash
Not Used	CTT03	81	Weight Numeric value of weight	X	R 1/10
Not Used	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, which a measurement has been taken	X or 1	ID 2/2 manner in
Not Used	CTT05	183	Volume Value of volumetric measure	X	R 1/8
Not Used	CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, which a measurement has been taken	X or 1	ID 2/2 manner in
Not Used	CTT07	352	Description A free-form description to clarify the related data elements and	O d the	AN 1/80 eir content

Segment:	AMT Monetary Amount
Position:	020
Loop:	CTT Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Use this segment to specify the total value of the

Data Element Summary

award instrument.

Must Use	Ref. <u>Des.</u> AMT01	Data <u>Element</u> 522	<u>Name</u> Amount Qualifier (Code <u>Attributes</u> M ID 1/3
			Code to qualify amo	
			29	Estimated Price
				The latest revised estimate of the total cost at complete for a contract
				Use to indicate the total award instrument price is an estimate.
			30	Contract Ceiling
				The ceiling price applicable to defined effort
			KD	Use to indicate the contract ceiling price for fixed- price contracts with retroactive price redetermination. Undefinitized
				An indicator that the amount has not yet been established but will be established at a future date Use to indicate an undefinitized amount.
			TT	Total Transaction Amount
			TV	Use to indicate the total value of the award instrument when it is not an estimate.
			TY	Total at Complete
				Use to indicate the total value of the award instrument when it is incrementally funded. For grants, include the total committed for the project period.
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
Not Used	AMT03	478	Credit/Debit Flag Code indicating whe	Code O ID 1/1 ether amount is a credit or debit

:	Segment:	SE T	ransaction Set Trailer				
Position:		030					
	Loop:						
	Level:	Summary					
	Usage:	Mandato	у				
1	Max Use:	1					
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)					
-	ax Notes: tic Notes:						
Co	mments:	1 SE is	the last segment of each transaction se	et.			
			Data Element Summary				
	Ref.	Data					
	Des.	Element	Name	Attributes			
st Use	SE01	96	Number of Included Segments	M N0 1/10			

Must Use	SE01	96	Number of Included Segments	M	NO 1/10	
			Total number of segments included in a transaction set ind	cluding S	ST and SE	
			segments			
Must Use	SE02	329	Transaction Set Control Number	Μ	AN 4/9	
			Identifying control number that must be unique within the transaction set			
			functional group assigned by the originator for a transaction set			
			Enter the same number as the one carried in ST02.			

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