850 Purchase Order

Functional Group ID= ${\bf PO}$

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, Purchase Order, Indefinite Delivery Definite Quantity, Requirements, 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 a procurement 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 can be found at http://www.fedebiz.gov, under Resources, Related Documents.

Heading:

Page No. 7	Pos. No. 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. Des. M	Max.Use	Loop <u>Repeat</u>	Notes and Comments
8	020	BEG	Beginning Segment for Purchase Order	M	1		
12	040	CUR	Currency	O	1		
15	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
19	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
22	110	CSH	Sales Requirements	O	5		
Not Used	115	TC2	Commodity	O	>1		
			LOOP ID - SAC			25	
24	120	SAC	Service, Promotion, Allowance, or Charge	О	1		
Not Used	125	CUR	Information Currency	O	1		
30	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
Not Used	140	DIS	Discount Detail	O	20		
32	145	INC	Installment Information	O	1		
34	150	DTM	Date/Time Reference	O	10		
37	160	LDT	Lead Time	O	12		

Not Used	180	LIN	Item Identification	O	5	n1
Not Used	185	SI	Service Characteristic Identification	0	>1	111
39	190	PID	Product/Item Description	0	200	
41	200	MEA	Measurements	0	40	
46	210	PWK	Paperwork	0	25	
50	220	PKG	Marking, Packaging, Loading	0	200	
Not Used	230	TD1	Carrier Details (Quantity and Weight)	0	2	
52	240	TD5	Carrier Details (Routing Sequence/Transit	0	12	
			Time)			
Not Used	250	TD3	Carrier Details (Equipment)	0	12	
54	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	О	5	
55	270	MAN	Marks and Numbers	O	10	
56	276	PCT	Percent Amounts	O	>1	
Not Used	280	CTB	Restrictions/Conditions	O	5	
57	285	TXI	Tax Information	O	>1	
			LOOP ID - AMT			>1
59	287	AMT	Monetary Amount	O	1	
61	289	REF	Reference Identification	O	>1	
Not Used	290	DTM	Date/Time Reference	O	1	
Not Used	292	PCT	Percent Amounts	O	>1	
			LOOP ID - FA1			>1
62	293	FA1	Type of Financial Accounting Data	O	1	
63	294	FA2	Accounting Data	M	>1	
			LOOP ID - N9			1000
66	205	NO	Reference Identification			
00	295	N9	Reference identification	O	1	
70	293 297	N9 DTM	Date/Time Reference	0	1 >1	
70	297	DTM	Date/Time Reference Message Text	O	>1	200
70	297	DTM	Date/Time Reference	O	>1	200
70 71	297 300	DTM MSG	Date/Time Reference Message Text LOOP ID - N1	0	>1 1000	200
70 71 73	297 300 310	DTM MSG N1	Date/Time Reference Message Text LOOP ID - N1 Name	0 0	>1 1000	200
70 71 73 78 79	297 300 310 320 330	DTM MSG N1 N2 N3	Date/Time Reference Message Text LOOP ID - N1 Name Additional Name Information Address Information	0 0 0	>1 1000 1 2 2	200
70 71 73 78 79 80	297 300 310 320 330 340	DTM MSG N1 N2 N3 N4	Date/Time Reference Message Text LOOP ID - N1 Name Additional Name Information Address Information Geographic Location	O O O O O	>1 1000 1 2 2 2 >1	200
70 71 73 78 79 80 Not Used	297 300 310 320 330 340 345	DTM MSG N1 N2 N3 N4 NX2	Date/Time Reference Message Text LOOP ID - N1 Name Additional Name Information Address Information	0 0 0 0	>1 1000 1 2 2 2 >1 >1	200
70 71 73 78 79 80 Not Used 82	297 300 310 320 330 340 345 350	DTM MSG N1 N2 N3 N4 NX2 REF	Date/Time Reference Message Text LOOP ID - N1 Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification	0 0 0 0 0 0 0	>1 1000 1 2 2 >1 >1 12	200
70 71 73 78 79 80 Not Used 82 84	297 300 310 320 330 340 345 350 360	N1 N2 N3 N4 NX2 REF PER	Date/Time Reference Message Text LOOP ID - N1 Name Additional Name Information Address Information Geographic Location Location ID Component	0 0 0 0 0 0 0 0	>1 1000 1 2 2 2 >1 >1 12 >1	200
70 71 73 78 79 80 Not Used 82	297 300 310 320 330 340 345 350	DTM MSG N1 N2 N3 N4 NX2 REF	Date/Time Reference Message Text LOOP ID - N1 Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact	0 0 0 0 0 0 0	>1 1000 1 2 2 >1 >1 12	200
70 71 73 78 79 80 Not Used 82 84 Not Used Not Used	310 320 330 340 345 350 360 365 370	N1 N2 N3 N4 NX2 REF PER SI FOB	Date/Time Reference Message Text LOOP ID - N1 Name Additional Name Information Address Information Geographic Location Location ID Component Reference Identification Administrative Communications Contact Service Characteristic Identification F.O.B. Related Instructions	0 0 0 0 0 0 0 0	>1 1000 1 2 2 >1 >1 12 >1 >1 2	200
70 71 73 78 79 80 Not Used 82 84 Not Used	297 300 310 320 330 340 345 350 360 365	DTM MSG N1 N2 N3 N4 NX2 REF PER SI	Date/Time Reference Message Text LOOP ID - N1 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	>1 1000 1 2 2 2 >1 >1 12 >1 12	200
70 71 73 78 79 80 Not Used 82 84 Not Used Not Used Not Used Not Used	310 320 330 340 345 350 360 365 370 380 390	N1 N2 N3 N4 NX2 REF PER SI FOB TD1 TD5	Date/Time Reference Message Text LOOP ID - N1 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)	0 0 0 0 0 0 0 0 0	>1 1000 1 2 2 >1 >1 12 >1 >1 1 2 12	200
70 71 73 78 79 80 Not Used 82 84 Not Used Not Used Not Used	310 320 330 340 345 350 365 370 380	N1 N2 N3 N4 NX2 REF PER SI FOB TD1	Date/Time Reference Message Text LOOP ID - N1 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)	0 0 0 0 0 0 0 0 0	>1 1000 1 2 2 >1 >1 12 >1 >1 1 2	200
70 71 73 78 79 80 Not Used 82 84 Not Used	310 320 330 340 345 350 360 365 370 380 390 400 410	N1 N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4	Date/Time Reference Message Text LOOP ID - N1 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)		>1 1000 1 2 2 >1 >1 12 >1 1 2 12 12 5	200
70 71 73 78 79 80 Not Used 82 84 Not Used Not Used Not Used Not Used Not Used Not Used	297 300 310 320 330 340 345 350 365 370 380 390 400	N1 N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3	Date/Time Reference Message Text LOOP ID - N1 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		>1 1000 1 2 2 2 >1 >1 12 >1 1 2 12 12	
70 71 73 78 79 80 Not Used 82 84 Not Used	297 300 310 320 330 340 345 350 360 365 370 380 390 400 410	N1 N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Date/Time Reference Message Text LOOP ID - N1 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 LOOP ID - LM		>1 1000 1 2 2 >1 >1 12 >1 1 2 12 12 5 200	>1
70 71 73 78 79 80 Not Used 82 84 Not Used 87	297 300 310 320 330 340 345 350 360 365 370 380 390 400 410 420	DTM MSG N1 N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Date/Time Reference Message Text LOOP ID - N1 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 LOOP ID - LM Code Source Information		>1 1000 1 2 2 >1 >1 12 >1 1 2 12 12 5 200	
70 71 73 78 79 80 Not Used 82 84 Not Used	297 300 310 320 330 340 345 350 360 365 370 380 390 400 410	N1 N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Date/Time Reference Message Text LOOP ID - N1 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 LOOP ID - LM Code Source Information Industry Code		>1 1000 1 2 2 >1 >1 12 >1 1 2 12 12 5 200	>1
70 71 73 78 79 80 Not Used 82 84 Not Used	297 300 310 320 330 340 345 350 360 365 370 380 390 400 410 420	DTM MSG N1 N2 N3 N4 NX2 REF PER SI FOB TD1 TD5 TD3 TD4 PKG	Date/Time Reference Message Text LOOP ID - N1 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 LOOP ID - LM Code Source Information		>1 1000 1 2 2 >1 >1 12 >1 1 2 12 12 5 200	

91	460	REF	Reference Identification	O	5	
92	470	DTM	Date/Time Reference	O	5	
93	480	MSG	Message Text	O	50	
			LOOP ID - N1			20
94	490	N1	Name	0	1	
96	500	N2	Additional Name Information	O	2	
97	510	N3	Address Information	O	2	
98	520	N4	Geographic Location	O	1	
Not Used	530	REF	Reference Identification	O	20	
99	540	G61	Contact	O	1	
100	550	MSG	Message Text	O	50	
			LOOP ID - CB1			>1
101	560	CB1	LOOP ID - CB1 Contract and Cost Accounting Standards Data	0	1	>1
101 104	560 570	CB1 REF		0	1 20	>1
			Contract and Cost Accounting Standards Data		1 20 5	>1
104	570	REF	Contract and Cost Accounting Standards Data Reference Identification	O		>1
104 106	570 580	REF DTM	Contract and Cost Accounting Standards Data Reference Identification Date/Time Reference	0	5	>1
104 106 107	570 580 590	REF DTM LDT	Contract and Cost Accounting Standards Data Reference Identification Date/Time Reference Lead Time	0 0 0	5	>l >l
104 106 107	570 580 590	REF DTM LDT	Contract and Cost Accounting Standards Data Reference Identification Date/Time Reference Lead Time Message Text	0 0 0	5	
104 106 107 108	570 580 590 600	REF DTM LDT MSG	Contract and Cost Accounting Standards Data Reference Identification Date/Time Reference Lead Time Message Text LOOP ID - ADV	0 0 0 0	5	

Detail:

Page No.	Pos. <u>No.</u>	Seg. <u>ID</u>	Name LOOP ID - PO1	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
109	010	PO1	Baseline Item Data	M	1		n2
114	015	LIN	Item Identification	О	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
119	020	CUR	Currency	O	1		
122	025	CN1	Contract Information	O	1		
124	030	PO3	Additional Item Detail	O	25		
			LOOP ID - CTP			>1	
126	040	CTP	Pricing Information	О	1		
Not Used	043	CUR	Currency	O	1		
Not Used	045	PAM	Period Amount	О	10		
130	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
135	050	PID	Product/Item Description	О	1		
Not Used	060	MEA	Measurements	O	10		
137	070	PWK	Paperwork	О	25		
141	090	PO4	Item Physical Details	O	>1		
144	100	REF	Reference Identification	O	>1		
148	110	PER	Administrative Communications Contact	O	3		
			LOOP ID - SAC			25	
151	130	SAC	Service, Promotion, Allowance, or Charge	О	1		
Not Used	135	CUR	Information Currency	0	1		

Not Used	137	CTP	Pricing Information	O	1		ı
Not Used	140	IT8	Conditions of Sale	0	1		
157	142	CSH	Sales Requirements	0	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	0	2		
Not Used	160	DIS	Discount Detail	0	20		
159	165	INC	Installment Information	0	1		
Not Used	170	TAX	Tax Reference	0	>1		
161	180	FOB	F.O.B. Related Instructions	0	>1		
Not Used	190	SDQ	Destination Quantity	0	500		
Not Used	200	IT3	Additional Item Data	0	5		
164	210	DTM	Date/Time Reference	0	10		
Not Used	235	TC2	Commodity	0	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	0	1		
167	250	TD5	Carrier Details (Routing Sequence/Transit	0	12		
			Time)				
Not Used	260	TD3	Carrier Details (Equipment)	0	12		
169	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5		
170	276	PCT	Percent Amounts	O	>1		
171	280	MAN	Marks and Numbers	O	10		
172	289	MSG	Message Text	O	>1		
173	290	SPI	Specification Identifier	O	>1		
175	291	TXI	Tax Information	O	>1		
Not Used	292	CTB	Restrictions/Conditions	O	>1		
			LOOP ID - QTY			>1	
Not Used	293	QTY	Quantity	O	1		
Not Used	294	SI	Service Characteristic Identification	O	>1		
			LOOP ID - SCH			200	
177	295	SCH	I ' Iv C.1. 1 1.	_	1		
	2/3	SCII	Line Item Schedule	O	1	n3	
Not Used	296	TD1	Carrier Details (Quantity and Weight)	0	2	n3	
Not Used Not Used			Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit		_	n3	
	296	TD1	Carrier Details (Quantity and Weight)	O	2	n3	
Not Used	296 297	TD1 TD5	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or	O O	2	n3	
Not Used Not Used Not Used	296 297 298 299	TD1 TD5 TD3 TD4	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both)	0 0 0 0	2 12 12 5	n3	
Not Used	296 297 298	TD1 TD5 TD3	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification	0 0	2 12 12		
Not Used Not Used Not Used Not Used	296 297 298 299 300	TD1 TD5 TD3 TD4 REF	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG	0 0 0 0 0	2 12 12 5 >1	200	
Not Used Not Used Not Used Not Used 180	296 297 298 299 300	TD1 TD5 TD3 TD4 REF	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading	0 0 0 0	2 12 12 5 >1		
Not Used Not Used Not Used Not Used	296 297 298 299 300	TD1 TD5 TD3 TD4 REF	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG	0 0 0 0 0	2 12 12 5 >1		
Not Used Not Used Not Used Not Used 180	296 297 298 299 300	TD1 TD5 TD3 TD4 REF	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header	0 0 0 0	2 12 12 5 >1		
Not Used Not Used Not Used Not Used 180 Not Used 182	296 297 298 299 300 305 310 320	TD1 TD5 TD3 TD4 REF PKG MEA LS	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT	0 0 0 0 0	2 12 12 5 >1		
Not Used Not Used Not Used Not Used 180 Not Used 182	296 297 298 299 300 305 310 320	TD1 TD5 TD3 TD4 REF PKG MEA LS	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time	0 0 0 0 0	2 12 12 5 >1 1 >1	200	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185	296 297 298 299 300 305 310 320 321 322	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity	0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 >1	200	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185 187	296 297 298 299 300 305 310 320 321 322 323	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY MSG	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity Message Text	0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 >1	200	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185	296 297 298 299 300 305 310 320 321 322	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity Message Text Reference Identification	0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 >1	200 >1	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185 187 188	296 297 298 299 300 305 310 320 321 322 323 324	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY MSG REF	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity Message Text Reference Identification LOOP ID - LM	0 0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 >1	200	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185 187 188	296 297 298 299 300 305 310 320 321 322 323 324	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY MSG REF LM	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity Message Text Reference Identification LOOP ID - LM Code Source Information	0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 3	200 >1	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185 187 188	296 297 298 299 300 305 310 320 321 322 323 324	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY MSG REF	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity Message Text Reference Identification LOOP ID - LM	0 0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 1 3	200 >1	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185 187 188	296 297 298 299 300 305 310 320 321 322 323 324	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY MSG REF LM	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity Message Text Reference Identification LOOP ID - LM Code Source Information	0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 3	200 >1	
Not Used Not Used Not Used Not Used 180 Not Used 182 183 185 187 188	296 297 298 299 300 305 310 320 321 322 323 324 325 326	TD1 TD5 TD3 TD4 REF PKG MEA LS LDT QTY MSG REF LM LQ	Carrier Details (Quantity and Weight) Carrier Details (Routing Sequence/Transit Time) Carrier Details (Equipment) Carrier Details (Special Handling, or Hazardous Materials, or Both) Reference Identification LOOP ID - PKG Marking, Packaging, Loading Measurements Loop Header LOOP ID - LDT Lead Time Quantity Message Text Reference Identification LOOP ID - LM Code Source Information Industry Code	0 0 0 0 0 0 0 0	2 12 12 5 >1 1 >1 1 3	200 >1	

193	330	N9	Reference Identification	O	1	
Not Used	332	DTM	Date/Time Reference	O	>1	
Not Used	335	MEA	Measurements	O	40	
197	340	MSG	Message Text	O	1000	
			LOOP ID - N1			200
199	350	N1	Name	0	1	
203	360	N2	Additional Name Information	O	2	
204	370	N3	Address Information	O	2	
205	380	N4	Geographic Location	O	1	
206	383	QTY	Quantity	0	>1	
Not Used	385	NX2	Location ID Component	0	>1	
208	390	REF	Reference Identification	O	12	
210	400	PER	Administrative Communications Contact	0	3	
Not Used	405	SI	Service Characteristic Identification	0	>1	
Not Used	406	DTM	Date/Time Reference	0	1	
Not Used	410	FOB	F.O.B. Related Instructions	0	1	
213	415	SCH	Line Item Schedule	0	200	
Not Used	420	TD1	Carrier Details (Quantity and Weight)	0	2	
216	430	TD5	Carrier Details (Routing Sequence/Transit	0	12	
			Time)			
Not Used	440	TD3	Carrier Details (Equipment)	О	12	
218	450	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
219	460	PKG	Marking, Packaging, Loading	O	200	
			LOOP ID - LDT			>1
221	462	LDT	Lead Time	O	1	
223	464	MAN	Marks and Numbers	O	10	
224	466	QTY	Quantity	O	5	
227	468	MSG	Message Text	O	1	
228	469	REF	Reference Identification	O	3	
			LOOP ID - SLN			1000
Not Used	470	SLN	Subline Item Detail	0	1	1000
Not Used	475	MSG	Message Text	0	1	
		SI	Service Characteristic Identification	0	>1	
Not Used Not Used	480 490			0	>1 1000	
		PID	Product/Item Description			
Not Used	500	PO3	Additional Item Detail	0	104	
Not Used	505	TC2	Commodity Advantising Damagraphic Information	0	>1	
Not Used	513	ADV	Advertising Demographic Information	0	>1	
Not Used	515	DTM	Date/Time Reference	0	10	
Not Used	516	CTP	Pricing Information	0	25	
Not Used	517	PAM	Period Amount	0	10	
Not Used	518	PO4	Item Physical Details	0	1	
Not Used	519	TAX	Tax Reference	О	3	
			LOOP ID - N9			>1
Not Used	523	N9	Reference Identification	О	1	
Not Used	524	DTM	Date/Time Reference	O	>1	
Not Used	525	MSG	Message Text	O	>1	
			LOOP ID - SAC			25
Not Used	526	SAC	Service, Promotion, Allowance, or Charge	O	1	
			Information			
004010F8	50 2					26 December 2003

Not Used	527	CUR	Currency	О	1	
Not Used	528	CTP	Pricing Information	O	1	
			LOOP ID - QTY			>1
Not Used	529	QTY	Quantity	О	1	
Not Used	530	SI	Service Characteristic Identification	O	>1	
			LOOP ID - N1			10
Not Used	535	N1	Name	О	1	
Not Used	540	N2	Additional Name Information	O	2	
Not Used	550	N3	Address Information	O	2	
Not Used	560	N4	Geographic Location	O	1	
Not Used	570	NX2	Location ID Component	O	>1	
Not Used	580	REF	Reference Identification	O	12	
Not Used	590	PER	Administrative Communications Contact	O	3	
Not Used	595	SI	Service Characteristic Identification	О	>1	
			LOOP ID - AMT			>1
230	600	AMT	Monetary Amount	О	1	
233	610	REF	Reference Identification	O	1	
235	612	PCT	Percent Amounts	О	>1	
			LOOP ID - LM			>1
236	620	LM	Code Source Information	О	1	
237	630	LQ	Industry Code	M	>1	

Summary:

Page	Pos.	Seg.		Req.		Loop	Notes and	
No.	No.	<u>ID</u>	Name	Des.	Max.Use	Repeat	Comments	
			LOOP ID - CTT			1		
238	010	CTT	Transaction Totals	O	1		n4	
239	020	AMT	Monetary Amount	O	1		n5	
240	030	SE	Transaction Set Trailer	M				

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) is used by the translation routines of the

interchange partners to select the appropriate transaction set definition (e.g., 810

selects the Invoice Transaction Set).

Comments:

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			Purchase Order	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique wifunctional group assigned by the originator for a tr	
			This unique control number is assigned by the or set or by the originator's application program. TSE02.	riginator of the transaction

 ${f BEG}$ Beginning Segment for Purchase Order **Segment:**

Position:

Loop:

Level: Heading Mandatory **Usage:**

Max Use:

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying

numbers and dates

Syntax Notes:

Comments:

Semantic Notes:

1 BEG05 is the date assigned by the purchaser to purchase order.

			Data Elem	ent Summary	
M	Ref. <u>Des.</u> BEG01	Data Element 353	Name Transaction Set Pu	ırpose Code	Attributes M ID 2/2
			Code identifying pu	rpose of transaction set	
			Use to identify the	purpose of the transaction set.	
			00	Original	
				Use to indicate an original award instr this code is used, changes to the award be only made with a Purchase Order (Buyer Initiated, 860 transaction set.	d instrument can
			07	Duplicate	
				Use to indicate a re-transmission of an transaction set.	n original 850
			22	Information Copy	
				Use to indicate an information copy of award instrument. This information caddressees other than the selling party	copy is sent to
			24	Draft	
				Use to indicate a draft award instrume transaction set) is being sent to the sel	
			47	Transfer	
				Use this code to transfer an award instancther organization.	trument to
M	BEG02	92	Purchase Order T	ype Code	M ID 2/2
				e type of Purchase Order	
			Use to identify the t set.	type of award instrument represented by	this transaction
			BL	Bailment	
			KA	Agreement	
				Use to indicate cooperative agreement agreements.	's and other
			KB	Blanket Purchase Agreement	
			KC	Contract	
			KD	Basic Agreement	
			KE	Basic Ordering Agreement	
			KG	Grant	
			KI	Indefinite Delivery Indefinite Quantity	
			KN	Purchase Order	
			KP	Authority to Proceed	

				Use to indicate that the award for assist	ance i	is a loan.
			KQ	Indefinite Delivery Definite Quantity		
			KR	Requirements		
			KS	Letter Contract		
			KT	Task Order		
			LS	Lease		
				Use to indicate a lease agreement as the instrument. When an equipment rental pursuant to another type of instrument order, delivery order, contract, etc.), use appropriate listed code in this data elemn code ER in BEG10.	is aw (purche the	parded hase
			RL	Release or Delivery Order		
				Use to indicate a release, call or deliver existing contracts.	y orde	er against
			ZZ	Mutually Defined		
				Use to indicate that the award for assist	ance i	is
	DEC02	224	D I O I W	provided through Formula Funds.		A NI 1 /00
M	BEG03	324	Purchase Order Nu	umber for Purchase Order assigned by the ordere		AN 1/22
			Supply Schedules, other basic contract Lease or Agreemen Identification Num equivalent expressi delivery order, call	order number, contract number (including General Services Administration (GSA) Sets), Blanket Purchase Agreement (BPA) in the number. This is always the Procurement of Defension for Civilian Agencies. This is never the or release against a basic award instrum in BEG04. This number shall be transmit	Schedu numbe nt Inst e (DO he nur ent. T	ules and all er, Grant, trument D) or the mber of a That
	BEG04	328	Release Number		0	AN 1/30
			parties involved in tenter the number of instrument. This is Identification Num	a release against a Purchase Order previous the transaction of a release, call or delivery order against always the Supplemental Procurement I ber (SPIIN) for DOD or the equivalent extra this number shall be transmitted withou	t a bas Instrui xpress	sic award ment sion for
M	BEG05	373	Date		M	DT 8/8
			BEG04 contain a n identified in BEG0-the award instrume	ive date of the award instrument. If both umber, enter the date of the delivery orded. If BEG04 does not contain a number, and identified in BEG03.	er, cali enter	l or release the date of
	D 7006	2.5	may be specified in	date is different from the effective date, to 1/DTM/150, citing code 467 in DTM01.	Ü	
	BEG06	367	Contract Number		0	AN 1/30
			= -	Small Business Administration (SBA) conce SBA office issuing this contract is cited to the contract is cited to the second of th		-
	BEG07	587	Acknowledgment 7	Гуре	0	ID 2/2
			Code specifying the	type of acknowledgment		
			Acknowledgments of transaction set.	are made using the Purchase Order Ackn	iowlea	dgment, 855
			AC	Acknowledge - With Detail and Change		

			A.D.	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.
Not Used	BEG08	1019	Invoice Type Cod	O ID 3/3
			Code defining the	method by which invoices are to be processed
Rec	BEG09	1166	Contract Type Co	ode O ID 2/2
			Code identifying a	contract type
				type of pricing arrangement applicable to the award
				re are line items that have a different pricing arrangement,
				minant pricing arrangement, based on dollar value, in this specify the line item pricing arrangement in the 2/CN1/025
				PO1/010 loop applicable to that line item. Both BEG09 and
				ment may be used in this transaction set.
			CA	Cost Plus Incentive Fee (With Performance Incentives)
			СН	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
			1 D	
			FC	Incentive) Fixed Price Incentive Firm Target (Without Performance
				Incentive)
			FC	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive) Fixed Price Redetermination Use to indicate a prospective fixed price
			FC FD	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive) Fixed Price Redetermination Use to indicate a prospective fixed price redetermination award instrument.
			FC	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive) Fixed Price Redetermination Use to indicate a prospective fixed price redetermination award instrument. Fixed Price Incentive Successive Target (With
			FC FD FF	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive) Fixed Price Redetermination Use to indicate a prospective fixed price redetermination award instrument. Fixed Price Incentive Successive Target (With Performance Incentive)
			FC FD	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive) Fixed Price Redetermination Use to indicate a prospective fixed price redetermination award instrument. Fixed Price Incentive Successive Target (With Performance Incentive) Fixed Price Incentive Successive Target (Without
			FC FD FF	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive) Fixed Price Redetermination Use to indicate a prospective fixed price redetermination award instrument. Fixed Price Incentive Successive Target (With Performance Incentive)
			FC FD FF FG	Incentive) Fixed Price Incentive Firm Target (Without Performance Incentive) Fixed Price Redetermination Use to indicate a prospective fixed price redetermination award instrument. Fixed Price Incentive Successive Target (With Performance Incentive) Fixed Price Incentive Successive Target (Without Performance Incentive)

No Cost

Firm Fixed Price

Time and Materials

Labor Hours

Retroactive Fixed Price Redetermination

Fixed Price with Economic Price Adjustment

FΚ

FM FR

FX

LH

TM

Rec	BEG10	1232	Purchase Category Code identifying the broad category of products or services		O ID 2/2 being acquired
			Use to identify 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	
				Use also includes traineeships and feld	lowships.
			RE	Repair	
			SB	Shipbuilding	
			SP	Supplies	
			SU	Subsistence	
			SV	Services	
			TE	Test and Evaluation	
			UT	Utilities	
	BEG11	786	Security Level Co	de	O ID 2/2
			Code indicating the information follow	e level of confidentiality assigned by the sing	
			the information co	highest Government security classificate ntained within this award instrument. D ion for information passed external to th	o not use this
			92	Government Confidential	
			93	Government Secret	
			94	Government Top Secret	
	BEG12	640	Transaction Type	Code	O ID 2/2
			Code specifying the	e type of transaction	
			34	Emergency Request	
				Use to indicate that the award is an en requesting expedited processing by the	

Segment: CUR Currency

Position: 040

Loop:

Level: Heading Usage: Optional

Max Use: 1

Purpose: Syntax Notes:

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

- 1 If CUR08 is present, then CUR07 is required.
- If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- **8** If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- **10** If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes: Comments: Notes:

- 1 See Figures Appendix for examples detailing the use of the CUR segment.
- 1. Use this segment to identify the foreign currency in which the entire award instrument is issued. The default currency is always US dollars. Do not use this segment when the entire award instrument is issued in US dollars. When line item monetary values vary by currency, identify the currency in the 2/CUR/020 segment if it is other than US dollars
- 2. When this segment is used to identify the foreign currency in which the entire award instrument is issued (CUR01 is code BY), all monetary values in table 1 (header level), table 2 (detail level), and table 3 (summary level) shall be stated in the foreign currency identified in this segment. (Note: DoD applications always cite US dollars in the 1/AMT/287 and 2/AMT/600 segments when AMT01 is code KC).
- 3. When the 2/CUR/020 segment is used to identify a foreign currency in which line item monetary amounts are stated (CUR01 is code BY), monetary values in table 1 (header level) and table 3 (summary level) shall be stated in US dollars and monetary values in table 2 (detail level) shall be stated in the currency identified in the 2/CUR/020 segment for the applicable line item.
- 4. When the entire award instrument is issued in a foreign currency, use also to identify the exchange rate between US dollars and the foreign currency.
- 5. This segment also may be used to identify the foreign currency in which payment is to be made (CUR01 or CUR04 is code PR), if the currency is different than the currency in which the entire award instrument is issued, when payment for all line items is to be made in the same foreign currency.
- 6. Both this segment and the 2/CUR/020 segment may be present in the transaction set under the following conditions: a. When the entire award instrument is issued in a foreign currency but line items are to be paid in a different foreign currency, or b. When payment for all of the line items is to be made in one foreign currency but monetary values for line items are stated in a different foreign currency.

Data Element Summary

Ref. Data

Des. Element Name

Attributes 26 December 2002

M	CUR01	98	Entity Identifier (Code	M	ID 2/3
			·	n organizational entity, a physical location	n, pro	perty or an
			individual			
			BY	Buying Party (Purchaser)	1 : C	((DA) :- 41
				Use to indicate the currency identified currency in which the award instrume		
			PR	Payer	iii is i	ssucu.
				Use to indicate the currency identified	l in Cl	UR02 is the
				currency in which payment is authorized.		
M	CUR02	100	Currency Code		M	ID 3/3
			Code (Standard IS)	O) for country in whose currency the char	ges ar	e specified
			Use to identify the	currency applicable to the code cited in	CUR	91.
	CUR03	280	Exchange Rate		0	R 4/10
				s a multiplier conversion factor to convert	mone	etary value
			from one currency		1	W C
				ode BY, use to identify the exchange rate rrency in which the award is issued.	betwo	een US
	CUR04	98	Entity Identifier (0	ID 2/3
			·	n organizational entity, a physical location	n, pro	perty or an
			individual	Z	, I	1 3
			PR	Payer		
				Use to indicate the currency identified		
				currency in which payment is authori made.	zed an	
	CUR05	100	Currency Code		0	ID 3/3
				O) for country in whose currency the char		
			Use to identify the made,	currency in which payment is authorize	a ana	will be
Not Used	CUR06	669	Currency Market	/Exchange Code	0	ID 3/3
			· ·	ne market upon which the currency excha	nge ra	
Not Used	CUR07	374	Date/Time Qualif		X	ID 3/3
			-	pe of date or time, or both date and time		
Not Used	CUR08	373	Date	•	O	DT 8/8
			Date expressed as	CCYYMMDD		
Not Used	CUR09	337	Time		O	TM 4/8
			Time expressed in	24-hour clock time as follows: HHMM, o	or HH	MMSS, or
				HMMSSDD, where $H = \text{hours } (00-23)$, $M = \text{hours } (00-23)$		
			-	conds (00-59) and DD = decimal seconds		
Not Used	CUR10	374	Date/Time Qualif	llows: D = tenths (0-9) and DD = hundred ier	utns (t X	ID 3/3
1,00 0500	001110		-	pe of date or time, or both date and time		22 0,0
Not Used	CUR11	373	Date	F	X	DT 8/8
1100 0000	001111	0.0	Date expressed as	CCYYMMDD		210,0
Not Used	CUR12	337	Time		X	TM 4/8
				24-hour clock time as follows: HHMM, o		
			HHMMSSD, or H	HMMSSDD, where $H = hours$ (00-23), M	I = mi	nutes (00-
				conds (00-59) and DD = decimal seconds		
Not Used	CUR13	374	are expressed as fo Date/Time Qualif	llows: D = tenths (0-9) and DD = hundred	dths ((X	00-99) ID 3/3
mot Oseu	CUNIS	314	_	pe of date or time, or both date and time	Λ	111 3/3
Not Used	CUR14	373	Date	pe of date of time, of both date and time	X	DT 8/8
1101 USEU	CURIT	313	Date expressed as	CCYYMMDD	А	D 1 0/0
			Date expressed as			
004010E050	2				215	

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; are expressed as follows: D = tenths (0-9) and DD = hundred	= mii decii	nutes (00- mal seconds	
Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3	
			Code specifying type of date or time, or both date and time			
Not Used	CUR17	373	Date	X	DT 8/8	
			Date expressed as CCYYMMDD			
Not Used	CUR18	337	Time	\mathbf{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	CUR19	374	Date/Time Qualifier	X	ID 3/3	
			Code specifying type of date or time, or both date and time			
Not Used	CUR20	373	Date	X	DT 8/8	
			Date expressed as CCYYMMDD			
Not Used	CUR21	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)			

Segment: REF Reference Identification

Position: 050

Loop:

Notes:

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify identifying information

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

If either C04003 or C04004 is present, then the other is required.
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.

Use this segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.

			J	Data Element Summary
	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference	ce Identification Qualifier M ID 2/3
			Code qua	alifying the Reference Identification
			16	Military Interdepartmental Purchase Request (MIPR) Number
			2E	Foreign Military Sales Case Number
				Use to indicate a Foreign Military Sale (FMS).
			2S	Catalog
				Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can be found.
			2Y	Wage Determination
				Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.
			73	Statement of Work (SOW)
			,,,	If a Statement of Work is part of the award, the PWK segment can be used to indicate how the SOW is being provided.
			97	Package Number
			AH	Agreement Number
				Use to indicate a Union Agreement number.
			BL	Government Bill of Lading
			CR	Customer Reference Number
				Use to indicate the internal number the contractor assigned to the buying party.
			DG	Drawing Number
			DS	Defense Priorities Allocation System (DPAS) Priority Rating
			E4	Charge Card Number
				Use to indicate the Government credit card number under which payment for this instrument will be accomplished.
			HF	Engineering Data List
			IJ	Standard Industry Classification (SIC) Code

	Use to indicate the Standard Industrial Classification (SIC) Code applicable to this award instrument.
IL	Internal Order Number
	Use to indicate the requisition (e.g., Military Standard
	Requisitioning and Issue Procedures (MILSTRIP)/Defense Logistics Management System
	(DLMS) or Federal Standard Requisitioning and Issue
	Procedures (FEDSTRIP) document number).
IQ	End Item
	Use to indicate the end item to which the items in the
IX	award instrument pertains. Item Number
IX	
	Use to indicate a Federal supply schedule (FSS) special item number.
K4	Criticality Designator
IX-T	Use to indicate the surveillance criticality designator
	applicable to the award instrument.
KS	Solicitation
	Use to indicate the solicitation number that resulted in
	this award instrument. If applicable, concatenate the
	LAST amendment number with the solicitation
	number.
LT	Lot Number
MU	Military Specification (MILSPEC) Number
NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code
	Use to indicate the project number applicable to this
	award instrument.
PG	Product Group
	1. Use to indicate a North American Industrial
	Classification System (NAICS) code. When this code is
	used, the code cited in REF02 can be found at
	http://www.census.gov/epcd/www/naics.html.
	2. The NAICS and MUST be 6 digits. If the NAICS
	2. The NAICS code MUST be 6 digits. If the NAICS code is less than 6 digits, add a trailing zero.
PH	Priority Rating
111	Use to indicate the MILSTRIP/DLMS/FEDSTRIP
	priority rating.
PID	Program Identification Number
PR	Price Quote Number
	Use to indicate the contractor's quote or offer number.
QC	Product Specification Document Number
	_
RQ	Purchase Requisition No. Use to indicate the Purchase Request (PR) number or
	Purchase Request Order Number (PRON). When
	citing a purchase request number, concatenate its line
	item number with the purchase request number if it is
	necessary to transmit both numbers.
RS	Returnable Container Serial Number
S3	Specification Number
	Use to indicate a specification number other than a
	Military Specification (MIL-SPEC). When used, cite
	26 December 2002

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			ine specification number in REF02 and identify the issuing activity in REF03.
		T4	Signal Code
		TG	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 related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.
			2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in REF03.
		TP	Test Specification Number
		VW	Standard
			Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.
		W2	Weapon System Number
			Use to indicate the Weapon System Code.
		W8	Suffix
			Use to indicate a MILSTRIP/DLMS/FEDSTRIP requisition suffix number. This code can be used if there is ONLY one occurrence of the REF segment with code IL in REF01.
		WF	Locally Assigned Control Number
		WJ	Pre-Award Survey
			Use this code to indicate the number of a pre-award survey.
		WL	Federal Supply Classification Code
		XC	Cargo Control Number
			Use to indicate a tracking number for bulk fuel being
		VE	sent by a tanker vessel.
		XE	Transportation Priority Number
		XY	Other Unlisted Type of Reference Number
			Use to indicate another type of reference number. When used, identify the nature of the number in REF03.
REF02	127	Reference Identific	cation X AN 1/30
		specified by the Re	ion as defined for a particular Transaction Set or as ference Identification Qualifier
		•	a revision or extension, the document number and the on number should be concatenated and cited in this data
REF03	352	Description	X AN 1/80

the specification number in REF02 and identify the

1. Use to carry additional information related to a reference number cited in REF02.

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

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

Not Used	REF04	C040	Reference Identifier	o	
			To identify one or more reference numbers or identification a specified by the Reference Qualifier	numb	ers as
Not Used	C04001	128	Reference Identification Qualifier	\mathbf{M}	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	\mathbf{M}	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	ı Set	or as
Not Used	C04003	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	ı Set	or as
Not Used	C04005	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	ı Set	or as

Segment:	FOB	F.O.B. Related	Instructions

Position: 080

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose: To spec

: To specify transportation instructions relating to shipment

Syntax Notes: 1 If FOB03 is present, then FOB02 is required.

- 2 If FOB04 is present, then FOB05 is required.
 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

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

- **2** FOB02 is the code specifying transportation responsibility location.
- **3** FOB06 is the code specifying the title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Notes:

1. Use this segment if the FOB point and the acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.

- 2. 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 N103/04 citing code ZN in N103 and identify the FOB point in N405/406.
- 3. This segment is not used when the award instrument is for construction or a service without deliverables.

Data Element Summary

	Data Element Summary						
	Ref.	Data					
	Des.	Element	<u>Name</u>		<u>Attributes</u>		
M	FOB01	146	Shipment Method	of Payment	M ID 2/2		
			Code identifying pay	yment terms for transportation charges			
			BP	Paid by Buyer			
				Use to indicate a Government Bill of L will be issued.	ading (GBL)		
			PE	Prepaid and Summary Bill			
				Use when transportation charges are t	o be prepaid by		
				the seller, are not included in the unit periodically.	price, and are to		
			PP	Prepaid (by Seller)			
				Use to indicate that transportation chaincluded in the unit price but are prepadded as a separate item on this instru	aid and are to be		
			PS	Paid by Seller			
				Use to indicate transportation charges the unit price.	are included in		
	FOB02	309	Location Qualifier		X ID 1/2		
			Code identifying typ	be of location			
			Use to identify the I	FOB point.			

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Destination (Shipping)

Intermediate FOB Point

Free Alongside Vessel (Free On Board [F.O.B.] Point)

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IF in

DE

FV

IT

				N101.
			KE	Port of Embarkation
			ND	Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide
				the address in the N1 loop, citing code KX in N101.
			KL	Port of Loading Use to indicate that the FOB Point is a port of loading.
				Provide the address in the N1 loop, citing code KX in N101.
			KP	Government Furnished Property FOB Point
				Use to indicate that the FOB point is for delivery of
				Government Furnished Property. Provide the address in the N1 loop, citing code 7H in N101.
			OA	Origin (After Loading on Equipment)
				Use to indicate FOB Origin with transportation charges prepaid by the seller and added as a separate item to the invoice. See FAR clause 52.247-32.
			OR	Origin (Shipping Point)
			TM	Terminal
				1. Use to indicate that the FOB point for delivery outside the continental United States is located at a transportation terminal and not at origin or destination. FAR clauses 52.247-38, 52.247-39, or a similar FAR clause may apply.
				,,
			W	2. When used, identify the FOB point in FOB03. Worldwide Geographic Location Code
				Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.
			ZZ	Mutually Defined
				Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.
	FOB03	352	Description	O AN 1/80
			A free-form desc	ription to clarify the related data elements and their content
			the 5 position Un	code TM, use to identify the location of the FOB point. Cite nited Nations code for ports and other locations in accordance with the United Nations Location Code
Not Used	FOB04	334		Terms Qualifier Code O ID 2/2
			-	the source of the transportation terms
Not Used	FOB05	335	Transportation	_
			-	the trade terms which apply to the shipment transportation
			responsibility	
	FOB06	309	Location Qualifi	ier X ID 1/2
			Code identifying	V -
				y the acceptance point. This code also identifies the ion when it is the same as the acceptance point.
			inspection point loop, citing code	spection point differs, use the 1/LM/430 loop to identify the by coded means (Destination or Source). The 1/N1/310 L1 in N101, may be used to identify the inspection location
004010F850	2		in 1v105/1v104 Or	in NI-N4 as a full address. 26 December 2002

DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZZ	Mutually Defined

- 1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 1/N1/310 loop, citing code 7M in N101.
- 2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 1/N1/310 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.

			F) 8		
Not Used	FOB07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements a	nd the	eir content
Not Used	FOB08	54	Risk of Loss Code	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	Description	\mathbf{X}	AN 1/80
			A free-form description to clarify the related data elements a	nd th	eir content

Segment:	CSH Sales Requirements
Position:	110

Loop:

Level: Heading Usage: Optional Max Use: 5

Purpose: To specify general conditions or requirements of the sale
Syntax Notes: 1 If CSH02 is present, then CSH03 is required.

If CSH02 is present, then CSH03 is required.
 If either CSH06 or CSH07 is present, then the other is required.

3 If either CSH06 or CSH07 is present, then the other is required.
3 GSH02 is present, then the other is required.

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

CSH04 is the account number to which the purchase amount is charged.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:

Not

Not

Notes: Use this segment to specify requirements that apply to all of the line items. When

requirements vary by line item, use the 2/CSH/142 segment.

	Ref.	Data		·		
	Des.	Element	Name			ributes
	CSH01	563	Sales Requirement		О	ID 1/2
			•	pecific requirement or agreement of sale		
			P2	Ship As Soon As Possible		
				Use only with DTM01 code 996.		
			P4	Do Not Preship		
				Use only when DTM01 is code 064 or 1 LDT01 is code AY.	!06, o	or when
			SC	Ship Complete		
				Use to indicate partial shipments will n	ot be	accepted.
			SI	Ship In-Place		
	CSH02	306	Action Code		O	ID 1/2
			Code indicating typ	e of action		
			В	Cancel Balance of Order/Item that Exce Specified in Data Element 610	eds V	⁷ alue
			G	Cancel Entire Order/Item		
	CSH03	610	Amount		\mathbf{X}	N2 1/15
			Monetary amount			
			exceed, shall result the maximum amou 2. When CUR01 in amount identified i identified in CUR0	n maximum total order amount, that if a stant to the entire order or balance of the ord unt not being filled. In the 1/CUR/040 segment cites code BY, in this data element is expressed in the form the 1/CUR/040 segment. In all others expressed in US dollars.	ler the the m reign	at exceeds conetary currency
t Used	CSH04	508	Account Number		О	AN 1/35
			Account number as	signed		
t Used	CSH05	373	Date		O	DT 8/8
			Date expressed as C	CCYYMMDD		
	CSH06	559	Agency Qualifier (\mathbf{X}	ID 2/2
				e agency assigning the code values		· —· —
			AX	ANSI Accredited Standards Committee.	X12	

	CSH07	560	Special Services C	code	\mathbf{X}	ID 2/10
			Code identifying th	ne special service		
			Use to identify a sp	pecial delivery condition.		
			NC	Notify Consignee Before Delivery		
			Use to indicate that the consignee or of contact must be notified in order to sell shipment. When used, provide the concommunication number in the 1/PER/citing code NT, for the shipping instructor RE, for the shipment scheduling code	edulo tact 360 so ctions	e a egment s contact,	
Not Used	CSH08	566	Product/Service S	ubstitution Code	O	ID 1/2
			Code indicating pro	oduct or service substitution conditions		
Not Used	CSH09	954	Percent		\mathbf{X}	R 1/10
			Percentage express	sed as a decimal		
Not Used	CSH10	1004	Percent Qualifier		\mathbf{X}	ID 1/2
			Code to qualify per	rcent		

			4		
	Segment:	SAC	Service, Promotic	on, Allowance, or Charge Informatio)n
	Position:	120			
	Loop:	SAC	Optional		
	Level:	Heading			
	Usage: Max Use:	Optional 1			
	Purpose:	_	st or identify a service	ee, promotion, allowance, or charge; to	specify the amount
	_	or percer	tage for the service,	promotion, allowance, or charge	rspectry the amount
	Syntax Notes:		east one of SAC02 or		
				4 is present, then the other is required. 7 is present, then the other is required.	
				0 is present, then the other is required.	
			AC11 is present, then		
				at least one of SAC02 or SAC04 is re	auired.
			AC14 is present, then		4
			AC16 is present, then		
	Semantic Notes:			hen at least one of SAC05, SAC07, or	SAC08 is required.
		2 SAC	05 is the total amour	nt for the service, promotion, allowance	e, or charge.
				SAC07 or SAC08, then SAC05 takes	precedence.
				or charge rate per unit.	
				quantity basis when the allowance or	charge quantity is
				se order or invoice quantity.	ich could be a dellar
				together indicate a quantity range, whi to service, promotion, allowance, or c	
				etion with SAC02 or SAC04 to provide	0
			ber as identified by t		o a specific reference
				etion with SAC13 to identify an option	when there is more
			one option of the pro		
		7 SAC	16 is used to identify	the language being used in SAC15.	
	Comments:			niquely identify the service, promotion	
				y be used in conjunction to further the	
				tions, it is necessary to advise the tradi	
				a particular allowance, charge, or proi	
				s amount is commonly referred to as "I d in the SAC segment in SAC10 using	
			ars in SAC09.	u iii the SAC segment iii SAC 10 using	, the quantier DO -
	Notes:			ervices, allowances, discounts, or cha	irges and if
	1,000			ble to all of the line items. If the servi	
				line item, use the 2/SAC/130 segmen	
			Data Elem	ent Summary	
	Ref.	Data			
	Des.	<u>Element</u>	Name C	- · · ·	<u>Attributes</u>
M	SAC01	248	Allowance or Char		M ID 1/1
			Code which indicat	es an allowance or charge for the servi	ce specified
			A	Allowance	
				Use to indicate an allowance or disc	count.
			C	Charge	
			N	No Allowance or Charge	
				Use to indicate there is no charge for	or the specified
				service.	
	SAC02	1300	Service, Promotion	n, Allowance, or Charge Code	X ID 4/4
			Code identifying th	e service, promotion, allowance, or cha	arge
			4 7 7	1 771 6 11 1 1 11 6 6	

A310 Air Express Charge

Any code may be used. The following is a list of preferred codes:

- 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
- D340 Goods and Services Charge
- 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
- H540 Supplemental Items

Use to indicate Contractor Acquired Parts (CAP)

- H550 Surcharge
- H680 Tax Governmental
- H700 Tax Local Tax
- H770 Tax State Tax
- H850 Tax
- H990 Testing Services Charge
- 1260 Transportation Direct Billing
- 1330 Two-Day Service
- 1380 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.

			I590 Warrantie	es		
			ZZZZ Mutually			
			Use to indicate a tr			
				ata Element Dictionary for acceptable code	e valı	ies.
Not Used	SAC03	559	Agency Qualifier (Code	\mathbf{X}	ID 2/2
				e agency assigning the code values		
Not Used	SAC04	1301	Agency Service, P	romotion, Allowance, or Charge Code	X	AN 1/10
			•	I code identifying the service, promotion, a	llow	ance, or
	G A G05	C10	charge		•	NO 1/15
	SAC05	610	Amount		O	N2 1/15
			Monetary amount	1. D170 '1	1 .	1
				code D170, identify the "buy" monetary cable. For all other SAC02 codes, see set		
			free goods, if appli	cubie. 1 of all other BAC02 codes, see see	ituiti	ic note 2.
			2. When CUR01 in	n the 1/CUR/040 segment cites code BY, t	he m	onetary
			_	in this data element is expressed in the for	_	
				2 of the 1/CUR/040 segment. In all other	· inst	ances, the
	SAC06	378	•	is expressed in US dollars. e Percent Qualifier	X	ID 1/1
	SACOO	370	e	•		
			2	what basis allowance or charge percent is	carcı	ilated
			2	Item Net Cost Use to indicate a percentage applied to	tha I	ina Itam
				total amount.	ine L	ane nem
			5	Base Price per Unit		
				Use to indicate a percentage applied to	the L	ine Item
				unit price.		
			6	Base Price Amount		
				Use to indicate a percentage applied to	the t	otal order
	SAC07	332	Percent	purchase amount.	X	R 1/6
			Percent expressed	as a nercent		,
			Cite 4.25% as 4.25	=		
	SAC08	118	Rate	,	O	R 1/9
	512000	110		he standard monetary denomination for the	_	
			specified			
			1. See semantic no	ote 3.		
			2 W/ CUDA1 :	41 - 1/CUD/040 4-24 4- DV	1	
				n the 1/CUR/040 segment cites code BY, t in this data element is expressed in the for		
			•	22 of the 1/CUR/040 segment. In all other	_	•
				is expressed in US dollars.		
	SAC09	355	Unit or Basis for M	Measurement Code	\mathbf{X}	ID 2/2
				e units in which a value is being expressed	, or n	nanner in
			which a measureme			
			1. Use any code of	ner than code ZL.		
			2. When code M4	is cited and CUR01 in the 1/CUR/040 seg	men	t cites code
				amount in SAC10 shall be stated as the cu		
			in CUR02.			
			2 An annlingti	nuccuam companion table was be a service	d 40	aanaut
			agency codes to A	program conversion table may be require SC X12 codes.	u 10 (convert
				ata Element Dictionary for acceptable code	e valı	ues.
	SAC10	380	Quantity		X	R 1/15
	-	-	- 0			

Numeric value of quantity

- 1. When SAC02 is code C300, use to identify the lower end of a quantity range that results in an incremental quantity discount.
- 2. When SAC02 is code D170, use to identify the "free" quantity.
- 3. When SAC02 is code D440, use to identify the line item total purchase amount that results in a discount, if applicable.
- 4. When SAC02 is code F910, use to identify the lower end of a quantity range that results in a step ladder discount.
- 5. When SAC02 is code G740, use to identify the distance applicable to a service charge, if appropriate.
- 6. When SAC02 is code 1530, use to identify the total order quantity or total order purchase amount that results in a discount, if applicable.
- 7. When SAC02 is any other code, use to identify the quantity to which the charge, allowance, or discount applies. In most instances this quantity will be 1, but if a greater quantity applies, cite that quantity.

SAC11 380 Quantity

O R 1/15

Numeric value of quantity

- 1. Use only if SAC10 is used. SAC10/11 are used together to identify a range except when SAC02 is code D170.
- 2. When SAC02 is code C300, or F910, use to identify the upper end of the quantity range associated with SAC10.
- 3. When SAC02 is code D170, use to identify the "buy" quantity, if applicable.
- 4. When SAC02 is any other code, use to identify the upper end of a quantity range to which the charge, allowance, or discount applies.

Not Used SAC12 331

Allowance or Charge Method of Handling Code

Code indicating method of handling for an allowance or charge

O ID 2/2

SAC13 127 Reference Identification

X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

- 1. If the discount, allowance, charge, or no charge service applies to a specific delivery zone, identify the zone in this data element. The delivery zones and locations within each zone are identified in the 1/N1/310 loop.
- 2. To comply with X12 syntax, if SAC14 contains data that is not applicable to a specific delivery zone, cite the word "ALL" in this data element.

SAC14 770

352

Option Number

O AN 1/20

A unique number identifying available promotion or allowance options when more than one is offered

When SAC02 is code C300, D440, or F910, and the discount can be earned by combining quantities or purchase amounts from line items in a discount group, use this data element to identify the discount group, e.g., DG-A.

Not Rec. SAC15

Description

X AN 1/80

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

- 1. Use, if necessary, to provide text information related to the information provided within this segment.
- 2. Use of free form text is discouraged if the information can be provided by

some other means within the transaction set.

Not Used SAC16 819 Lar

Language Code

O ID 2/3

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

ITD Terms of Sale/Deferred Terms of Sale **Segment:**

Position:

Loop:

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

Purpose:

To specify terms of sale

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

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

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

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

Comments: If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or

ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

1. Use this segment to identify payment discount information. **Notes:**

> 2. Payment method was provided at the time of registration. Changes to that data must be made by submitting a registration data change using the 838 transaction set.

	Ref.	Data	2 and 2 content Summary	•	
	<u>Des.</u> ITD01	Element 336	Name Terms Type Code	Attr O	<u>ibutes</u> ID 2/2
	11101	330		U	11) 2/2
			Code identifying type of payment terms 09 Proximo		
NI.4 TI I	ITDO	222		•	ID 1/2
Not Used	ITD02	333	Terms Basis Date Code	O	ID 1/2
			Code identifying the beginning of the terms period	_	
	ITD03	338	Terms Discount Percent	O	R 1/6
			Terms discount percentage, expressed as a percent, available an invoice is paid on or before the Terms Discount Due Date <i>Cite 4.25% as 4.25; cite 3% as 3</i> .	to the	purchaser if
Not Used	ITD04	370	Terms Discount Due Date	X	DT 8/8
			Date payment is due if discount is to be earned expressed in f CCYYMMDD		
	ITD05	351	Terms Discount Days Due	\mathbf{X}	N0 1/3
			Number of days in the terms discount period by which paymed discount is earned	ent is	due if terms
Not Used	ITD06	446	Terms Net Due Date	O	DT 8/8
			Date when total invoice amount becomes due expressed in fo CCYYMMDD	rmat	
	ITD07	386	Terms Net Days	O	N0 1/3
			Number of days until total invoice amount is due (discount no	ot app	olicable)
Not Used	ITD08	362	Terms Discount Amount	O	N2 1/10
			Total amount of terms discount		
Not Used	ITD09	388	Terms Deferred Due Date	O	DT 8/8
			Date deferred payment or percent of invoice payable is due ex CCYYMMDD	kpres	sed in format
Not Used	ITD10	389	Deferred Amount Due	\mathbf{X}	N2 1/10
			Deferred amount due for payment		
Not Used	ITD11	342	Percent of Invoice Payable	\mathbf{X}	R 1/5
			Amount of invoice payable expressed in percent		
Not Used	ITD12	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements ar	ıd the	eir content

Not Used	ITD13	765	Day of Month	\mathbf{X}	N0 1/2
			The numeric value of the day of the month between 1 and the the month being referenced	e max	imum day of
Not Used	ITD14	107	Payment Method Code	O	ID 1/2
			Code identifying type of payment procedures		
Not Used	ITD15	954	Percent	O	R 1/10
			Percentage expressed as a decimal		

INC Installment Information **Segment:**

Position:

Loop:

Level: Heading **Usage:** Optional Max Use:

Purpose: To specify installment billing arrangement

Syntax Notes:

Semantic Notes: INC02 is the installment period (e.g., months).

- INC03 is the total number of installments.
- INC04 is the number of the current installment.
- INC05 is the installment balance after the current installment is applied.

Comments:

Notes:

1. Use this segment to specify that recurring payments are authorized to be made by the paying office for all of the line item, and to identify the frequency of the payments, the maximum number of payments and the amount of the recurring payment. If the recurring payments vary by line item, use the 2/INC/165 segment.

2. When this segment is used, at least two iterations of the 1/DTM/150 segment are REQUIRED with DTM01 citing codes 193 and 194.

		_	Data Elem	ent Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			<u>ributes</u>
M	INC01	336	Terms Type Code		M	ID 2/2
			Code identifying typ	pe of payment terms		
			04	Deferred or Installment		
				Use this code to indicate that recurring authorized.	g payı	ments are
M	INC02	C001	Composite Unit of	Measure	M	
			To identify a composition of use)	osite unit of measure (See Figures Appea	ndix f	or examples
				requency of the recurring payments.		
M	C00101	355	Unit or Basis for M	leasurement Code	M	ID 2/2
			Code specifying the which a measureme MO	units in which a value is being expresse nt has been taken Months	d, or 1	manner in
			Q1	Quarter (Time)		
			YR	Years		
Not Used	C00102	1018	Exponent		0	R 1/15
			Power to which a un	nit is raised		
Not Used	C00103	649	Multiplier		O	R 1/10
			Value to be used as	a multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for M	1	O	ID 2/2
			Code specifying the	units in which a value is being expresse	d, or i	manner in
			which a measureme	· · ·	,	
Not Used	C00105	1018	Exponent		O	R 1/15
			Power to which a un	nit is raised		
Not Used	C00106	649	Multiplier		O	R 1/10
			Value to be used as	a multiplier to obtain a new value		
Not Used	C00107	355	Unit or Basis for M	_	O	ID 2/2
-				units in which a value is being expresse	d, or 1	manner in
Not Used	C00108	1018	Exponent		O	R 1/15
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				**		

			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	0	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expresse	d, or 1	nanner in
			which a measurement has been taken		
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
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	0	ID 2/2
			Code specifying the units in which a value is being expresse	d, or i	nanner in
			which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
M	INC03	380	Quantity	\mathbf{M}	R 1/15
			Numeric value of quantity		
			Use this data element to specify the maximum number of r	ecurr	ing
			payments.		
M	INC04	380	Quantity	M	R 1/15
			Numeric value of quantity		
			Due to the mandatory nature of this data element, always of	ite th	e number 1.
			The receiving application should disregard the data in this	data	element.
	INC05	782	Monetary Amount	O	R 1/18
			Monetary amount		
				•	

- 1. Use this data element to specify the amount of the recurring payment.
- 2. The amount shall be the same for each recurring payment but may be prorated based on a shorter period for any recurring payment. The prorated amounts shall be based on the period start/period end dates specified in the 1/DTM/150 segment when DTM01 cites codes 193/194.
- 3. When CUR01 in the 1/CUR/040 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the 1/CUR/040 segment. In all other instances, the monetary amount is expressed in US dollars.

DTM Date/Time Reference **Segment:**

Position:

Loop:

Level: Heading **Usage:** Optional Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

At least one of DTM02 DTM03 or DTM05 is required.

If DTM04 is present, then DTM03 is required.

If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

Notes:

1. Use this segment to identify dates that apply to all of the line items. When the dates vary by line item, use the 2/DTM/210 segment.

2. This segment can be used to provide a delivery date when it is expressed as an actual date. If the delivery schedule is expressed as a set time period after the occurrence of some event, use the 1/LDT/160 segment.

	Data Element Summary								
	Ref.	Data	**		A • • • •				
M	<u>Des.</u> DTM01	Element 374	Name Date/Time Qualifie	\.	Attributes M ID 3/3				
IVI	DIMINI	3/4	•		W1 1D 3/3				
			002	e of date or time, or both date and time Delivery Requested					
			002	Use when the delivery date of the order	does not				
				conform to the basic Indefinite Deliver (IDC) instrument.					
			007	Effective					
				Use with code RD8 in DTM05 to indice period of an Agreement or an IDC away per FAR clause 52.216-18. Specify the DTM06.	ird instrument				
			017	Estimated Delivery					
			063	Do Not Deliver After					
				Use to indicate that deliveries cannot be specified date and/or time.	e made after a				
			064	Do Not Deliver Before					
				Use to indicate that deliveries cannot be specified date and/or time.	e made before a				
			077	Requested for Delivery (Week of)					
				When this code is used cite the beginni week.	ng day of the				
			093	Contract Expiration					
				Use to indicate the expiration date for instrument.	an award				
			106	Required By					
				Use to indicate delivery is due exactly of specified.	on the date				
			174	Month Ending					
				Use to indicate delivery is required with	hin the specified				
				month. In DTM02, identify the month	and cite the last				
			102	calendar day of the month.					
			193	Period Start					
				1. Use to indicate the start of a period	of performance				

	or lease.
	2. When this code is used, there must be another
	iteration of this segment citing code 194 in DTM01.
194	Period End
	1. Use to indicate the end of a period of performance
	or lease.
	2. When this code is used, there must be another
	iteration of this segment citing code 193 in DTM01.
277	Contract Definition
	Use this code to indicate the date the Undefinitized
202	Contract Action will be definitized.
283	Funds Appropriation - Start 1. Use this code to indicate the start of a funding
	1. Use this code to indicate the start of a funding period, e.g., for a grant.
	perious eign for a grama
	2. When this code is used, there must be another
204	iteration of this segment citing code 284 in DTM01.
284	Funds Appropriation - End
	1. Use this code to indicate the end of a funding period, e.g., for a grant.
	perious eigis, for a grana
	2. When this code is used, there must be another
2.50	iteration of this segment citing code 283 in DTM01.
368	Submittal
	When REF01 is code TN, use to indicate the date of a related transaction set.
375	Delivery Start
	1. Use to indicate the start date/time for deliveries
	when the total quantity is to be delivered during a
	specified period.
	2. When this code is used, there must be another
	iteration of this segment citing code 376 in DTM01.
376	Delivery End
	1. Use to indicate the end date/time when the total
	quantity is to be delivered during a specified period.
	2. When this code is used, there must be another
	iteration of this segment citing code 375 in DTM01.
467	Signature
	Use to indicate the date that the award instrument was
	signed if different from the effective date specified in
937	BEG05. Department of Labor Wage Determination Date
931	Use to indicate the date of a Department of Labor
	Wage Determination. If revisions or modifications are
	applicable to a Wage Determination, cite the date of
	the most recent revision or modification in DTM02.
994	Quote
	When REF01 is code PR, use to indicate the date of
996	the quote or offer. Required Delivery
<i>)</i>	Use to indicate delivery is due on or before the
	specified date.
	1

DTM02	373	Date		X	DT 8/8			
		Date expressed as C	CCYYMMDD					
DTM03	337	Time		\mathbf{X}	TM 4/8			
		HHMMSSD, or HH 59), S = integer second are expressed as fol <i>Use, if applicable, t</i>	4-hour clock time as follows: HHMM, or IMMSSDD, where H = hours (00-23), M and (00-59) and DD = decimal seconds; lows: D = tenths (0-9) and DD = hundred to identify the time for a delivery. Specify	= min decir ths ((nutes (00- nal seconds 00-99)			
DTM04	623	HHMM format. Time Code		0	ID 2/2			
DIMINA	023	Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Use only when DTM03 is used to express a time.						
		CT	Central Time					
		ET	Eastern Time					
		GM	Greenwich Mean Time					
		LT	Local Time					
		MT	Mountain Time					
		PT	Pacific Time					
DTM05	1250	Date Time Period	Format Qualifier	\mathbf{X}	ID 2/3			
		Code indicating the	date format, time format, or date and time	e forn	nat			
		Use to qualify the f	ormat for a range of dates or times.					
		RD8	Range of Dates Expressed in Format CC CCYYMMDD	CYYN	MMDD-			
		RTM	Range of Time Expressed in Format HH	IMM	-ННММ			
DTM06	1251	Date Time Period		\mathbf{X}	AN 1/35			
		_	e, a time, or range of dates, times or dates					
		When used to identify a time range for deliveries on a specified date, use co RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the						

between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

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:

 $\textbf{Semantic Notes:} \qquad \textbf{1} \qquad \text{LDT04} \text{ is the effective date of lead time information.}$

Comments:

1 LDT02 is the quantity of unit of time periods.

Notes:

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 an award instrument. When the delivery lead time varies by line item, use the 2/LDT/321 segment.

			Data Elem	ent Summary
M	Ref. <u>Des.</u> LDT01	Data <u>Element</u> 345	Name Lead Time Code	Attributes M ID 2/2
			Code indicating the	time range
			AD	From date of sample approval to first product shipment
			AE	From date of PO receipt to shipment
				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.
			AF	From date of PO receipt to 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 specify the lead time by line item.
			AR	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 specify the lead time by line item.
			AW	From Date of Award to Date of Earliest 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 specify the lead time by line item.
			AX	From Date of Award to Date of Completion
				Use to indicate the completion date, e.g., for a level of effort.
			AY	From Date of Award to Date of Delivery
			AZ	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 Receipt of Item to Date of Approval of Item
				Use this code to indicate the lead time for the approval of an item or the acceptance of an item if different than specified in the Prompt Payment Act.
			BC	From Date of Award to Commencement of 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.	
			BE	From Date of Option Exercise to Date of Completion	
				Use in construction contracts to indicate a lead time from the date of a Notice to Proceed to the date of completion.	
M	LDT02	380	Quantity	M R 1/15	
			Numeric value of	of quantity	
M	LDT03	344	Unit of Time Pe	eriod or Interval M ID 2/2	
			Code indicating	the time period or interval	
			CY	Calendar Year	
			DA	Calendar Days	
			DW	Work Days	
			KK	Maximum Calendar Days	
				Use to indicate a flexible time period, e.g., X number of days or less.	
			MO	Month	
			QY	Quarter of a Year	
			SA	Semiannual	
			WK	Weeks	
Not Used	LDT04	373	Date	O DT 8/8	
			Date expressed	as CCYYMMDD	

Segment: PID	Product/Item Description
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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:

- If PID04 is present, then PID03 is required.
 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then 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:

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

Notes:

- 1. Use this segment to provide an overall description that applies to all line items or the title of a grant. When descriptions vary by line item, transmit a general description in this segment and use the 2/PID/050 segment to transmit the varying descriptions.
- 2. Use is discouraged. Whenever possible, items should be described by successive iterations of 235/234 pairs in the 2/PO1/010 segment or by reference number. Use codified data whenever possible.

	Ref.	Data	Dava Diement Summary		
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ributes</u>
M	PID01	349	Item Description Type	M	ID 1/1
			Code indicating the format of a description		
			F Free-form		
			S Structured (From Industry Code List)		
			X Semi-structured (Code and Text)		
	PID02	750	Product/Process Characteristic Code	O	ID 2/3
			Code identifying the general class of a product or process cha	aracte	eristic
			Use any code.		
			Refer to 004010 Data Element Dictionary for acceptable cod	le val	ues.
	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			Use any code other than code ZZ.		
			Refer to 004010 Data Element Dictionary for acceptable cod	le val	ues.
	PID04	751	Product Description Code	\mathbf{X}	AN 1/12
			A code from an industry code list which provides specific da characteristic	ıta abo	out a product
	PID05	352	Description	X	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	be pr	ovided by
			some other means within the transaction set.		

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Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is	s being	described
Not Used	PID07	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by th	e Sour	ce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		
Not Used	PID09	819	Language Code	O	ID 2/3
			Code designating the language used in text, from a standard	d code	list
			maintained by the International Standards Organization (IS	O 639)	

MEA Measurements **Segment:**

Position:

Loop:

Level: Heading **Usage:** Optional Max Use: 40

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

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

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

- 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: Comments:

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

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

Notes:

1. Use this segment to provide measurement information that applies to all of the line items. If information varies by line item, use the 2/MEA/049 segment.

2. This segment can be used to specify the variations in quantity permitted; warranty periods; and for a basic type award instrument, e.g., a requirements, a BPA, an indefinite quantity type award instrument, etc., the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the minimum and maximum obligations of the government and contractor.

Data Element Summary

Ref.	Data		
Des.	Element	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2

Code identifying the broad category to which a measurement applies Use any code.

BT Batch Limits

When BEG02 is code KB, KD, KE, KI, KQ, or KR, use to indicate the minimum and maximum limits of the Government's obligation to order either in terms of dollars or quantity under a basic type award instrument. When BEG02 is code KT or RL, use to indicate the minimum and maximum limits of the Government's obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

LT Lot Limits

Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a basic type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits

Use to indicate the maximum the Government may order from a basic type procurement instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted

Use to indicate the minimum and maximum quantity or dollars permitted per order against a basic type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

QV Quantity Variation.

Use to indicate variations in quantity that are permitted. When the quantity variation is expressed as a discrete quantity, cite in MEA04-01, the same code cited in PO103 of all of the 1/PO1/010 loops to which the quantity variation applies, e.g., EA, LB, etc., and specify the quantity under and/or over in MEA05/06. If the quantity variation is expressed as a percent, cite code P1 in MEA04-01.

RS Response Time

Use to indicate the number of days within which the contractor must reject an order exceeding the maximum order limitations per FAR clause 52.216-19.

WR Warranty

Use to indicate a warranty period.

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA02 738 Measurement Qualifier

O ID 1/3

Code identifying a specific product or process characteristic to which a measurement applies

Use any code.

MX Maximum

When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified time period.

RY Ratio

When BEG09 is code CA, CH, CY, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.

TT Time

Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.

ZZZ Mutually defined

Use this code to indicate minimum guarantee award quantity percentage, minimum guarantee award quantity/amount, maximum ceiling award quantity/amount, and minimum guarantee award amount percentage. When this code is used to specify minimum guarantee award quantity or maximum ceiling award quantity, cite code EA in MEA04-01, the minimum quantity in MEA05 or the maximum quantity in MEA06. To specify minimum guarantee award amount or maximum ceiling award amount, cite code DO in MEA04-01, the minimum amount in MEA05 or the maximum amount in MEA06. To specify minimum guarantee award amount percentage, cite code DO in MEA04-01, code P1 in MEA04-04, and the minimum amount percentage, cite code EA in MEA04-01, code P1 in MEA04-04, and the minimum quantity percentage in MEA05.

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA03 739 Measurement Value

X R 1/20

The value of the measurement

	MEA04	C001	Composite Unit of Measure	X	
			To identify a composite unit of measure (See Figures Appe	ndix f	or examples
			of use)		
			1. This composite unit of measure can be used to indicate to may be ordered during a specified period of time under a be		
			instrument and to specify the minimum guaranteed award		
			percentage.		
			2. For example: If the maximum that can be ordered per q each, then MEA01 would cite code OL, MEA02 would cite would cite 10,000, MEA04-C00101 would cite EA, and MIQ1.	MX,	MEA03
			3. To specify the minimum guarantee award amount/quan cite code ZZZ in MEA02, either code DO or EA in MEA04 in MEA04-04.		
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
171	C00101	333	Code specifying the units in which a value is being expresse		
			which a measurement has been taken	u , 01 1	
			1. Use any code other than code ZZ.		
			2. When MEA01 is code QV, The code cited in MEA04-01 or the same code cited in PO103 of all PO1 loops to which variation applies.		
			3. Use code M4 to indicate the foreign currency identified segment when CUR01 cites code BY.	in the	2 1/CUR/040
			4. An application program conversion table may be required accepted to Acceptaint Standards Committee (ASC) V		
			agency codes to Accredited Standards Committee (ASC) X. Refer to 004010 Data Element Dictionary for acceptable codes		
Not Used	C00102	1018	Exponent	O	R 1/15
- 1.01			Power to which a unit is raised		
Not Used	C00103	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expresse	d, or r	nanner in
			which a measurement has been taken 1. Use any code other than code ZZ.		
			1. Ose any cone other than cone 22.		
			2. An application program conversion table may be requir agency codes to ASC X12 codes.		
N T	C0040#	1010	Refer to 004010 Data Element Dictionary for acceptable co		
Not Used	C00105	1018	Exponent	O	R 1/15
Na4 Haad	C00106	C 40	Power to which a unit is raised	•	D 1/10
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a pay value	О	R 1/10
Not Used	C00107	355	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code	O	ID 2/2
1101 OSEU	C00107	333	Code specifying the units in which a value is being expresse	_	
			which a measurement has been taken	, OI I	
Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
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			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Not Used	C00111	1018	Exponent O R 1/15
			Power to which a unit is raised
Not Used	C00112	649	Multiplier O R 1/10
			Value 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
N	G00114	1010	which a measurement has been taken
Not Used	C00114	1018	Exponent O R 1/15
NI-4 TI I	C00115	<i>(</i> 10	Power to which a unit is raised
Not Used	C00115	649	Multiplier O R 1/10
	3.45.4.05	7.40	Value to be used as a multiplier to obtain a new value
	MEA05	740	Range Minimum X R 1/20
			The value specifying the minimum of the measurement range
			1. When MEA01 is code QV, use to specify the variation in quantity under.
			2. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.
			3. When MEA02 is RY, use to specify the Government share.
			4. When MEA02 is code ZZZ, MEA04-01 is code EA and MEA04-04 is code P1, use to specify the minimum guarantee award quantity percentage.
			5. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the minimum guarantee award quantity.
			6. When MEA02 is code ZZZ, MEA04-01 is code DO and MEA04-04 is code P1, use to specify the minimum guarantee award amount percentage.
			7. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the minimum guarantee award amount.
			8. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).
	MEA06	741	Range Maximum X R 1/20
			The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over.
			2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.
			3. When MEA02 is RY, use to specify the contractor share.
			4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity.
			5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount.
			6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).
Not Used	MEA07	935	Measurement Significance Code O ID 2/2
			Code used to benchmark, qualify or further define a measurement value

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Not Used	MEA08	936	Measurement Attribute Code	\mathbf{X}	ID 2/2
			Code used to express an attribute response when a numeric n cannot be determined	neasu	rement value
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 Device	O	ID 2/4
			The method or device used to record the measurement		

PWK Paperwork **Segment:**

Position:

Loop:

Level: Heading **Usage:** Optional Max Use: 25

Purpose: Syntax Notes: 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.

Semantic Notes: Comments:

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

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

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. 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.

Data Element Summary

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	PWK01	755	Report Type Code	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

Ise to identify the t rovided by the con	ype of paperwork that is being provided to or must be tractor.
25	Purchase Plan
	Use to indicate a make or buy plan.
27	Contract Delivery Schedule
	Use to indicate a General Services Administration Form 1611 or similar document. When used, code 7P should be cited in PWK04.
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.
BA	Budget
	Use to indicate a Grant financial report.
C1	Cost Data Summary
	Use to indicate non-certified cost and price data.
C5	Certified Cost and Price Data
C6	Wage Determination
	When used identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.
CP	Certificate of Compliance (Material Certification)
	Use to indicate a Certificate of Conformance. When used, PWK04 should cite code PC.
CX	Cost/Schedule Status Report (C/SSR)
CY	Contract Funds Status Report (CFSR)
DW	Drawing(s)

Eligibility

EL

F1

		F2	Cost Performance Report (CPR) Format 2
		F3	Cost Performance Report (CPR) Format 3
		F4	Cost Performance Report (CPR) Format 4
		F5	Cost Performance Report (CPR) Format 5
		IT	Certified Inspection and Test Results
		KF	Support Documents
			Use to indicate Grant supporting technical
			documentation.
		MR	Material Inspection and Receiving Report
		MS	Material Safety Data Sheet
		PD	Proof of Delivery
		PJ	Purchasing Specification
			Use to indicate a Statement of Work (SOW).
		PM	Proof of Insurance
		PP	Proposal
		RD	Payment Bond
			When used, identify the amount of the bond in the 1/AMT/287 segment citing code B0 in AMT01
		RE	Performance Bond
			When used, identify the amount of the bond in the 1/AMT/287 segment citing code 9E in AMT01.
		SF	Contract Security Classification Specification
			Use to indicate that additional information relative to the Contract Security Classification Specification transmitted in this transaction set will be provided.
		SN	Shipping Notice
		SP	Specification
		US	"BUY AMERICA" Certification of Compliance
		WP	Work Progress
			Use to indicate a Grant progress report.
PWK02	756	Report Transmi	ssion Code O ID 1/2
		Code defining ting be sent	ming, transmission method or format by which reports are to
		BM	By Mail
			Use to indicate transmittal via the United States Postal Service (USPS).
		CF	Courier
			Use to indicate transmittal via a commercial express
		D.A	courier, e.g., Federal Express Service.
		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
			Electronic Data Interchange (EDI) transaction set. When used, identify the unique number of the transaction set in REF02 of the 1/REF/050 segment
			citing code TN in REF01.
		EM	E-Mail
		FT	File Transfer
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*Use to indicate a Grant disclosure report.*Cost Performance Report (CPR) Format 1

				site. Provide the FTP address in PWK07.
			FX	By Fax
			IA	Electronic Image
				Use, in conjunction with PWK08-01, code PV, 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	Needed O N0 1/2
			The number of	copies of a report that should be sent to the addressee
			The number of	copies is assumed to be 1 unless a greater number is specifie
			in this data ele	
	PWK04	98	Entity Identifie	
			individual	g an organizational entity, a physical location, property or an
			• •	the recipient of the paperwork. If there is more than one
				e same paperwork item, use multiple repetitions of the PWK he same report code in PWK01. Provide the address of the
			_	2 1/N1/310 segment and/or the recipient communication
			_	1/PER/360 segment.
			7D	Contracting Officer Representative
			7N	Party to Receive Proposal
			7P	Transportation Office
			BY	Buying Party (Purchaser)
				Use to indicate the Contracting Officer.
			C4	Contract Administration Office
			HMI	Material Safety Data Sheet (MSDS) Recipient
				Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety
			10	Data Sheets are to be sent.
			IS	Party to Receive Certified Inspection Report Use when PWK01 is code IT or MR.
			IZE.	
			KF KG	Audit Office
			KU	Project Manager Use to indicate the party responsible for the project to
				include the advisor under a Grant.
			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
Not Used	PWK05	66	Identification (-
			_	ng the system/method of code structure used for Identification
Not Used	PWK06	67	Code (67) Identification (
				g a party or other code
	PWK07	352	Description	O AN 1/80
				scription to clarify the related data elements and their content
				ecessary to provide additional information or instructions specific paperwork item.
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When PWK08-01 is code PV, use to indicate an FTP

			2. When PWK02 is transfer.	s code DA, use to identify the other form	of electronic	
			3. When PWK02 is	s code FT or IA, use to identify the URL.		
			4. When PWK01 is	4. When PWK01 is code AE, use to identify the attachment.		
			000	text is discouraged if the information ca within the transaction set.	n be provided by	
	PWK08	C002	Actions Indicated O		0	
			Actions to be perfo	rmed on the piece of paperwork identified	Į	
M	C00201	704	Paperwork/Repor		M ID 1/2	
112		704	Code specifying ho	ow the paperwork or report that is identifie the transaction set or to identify the action Report to be Filed	ed in the PWK	
				When PWK01 is code 25, 27, 35, C1, C CY, EL, F1, F2, F3, F4, F5, IT, KF, M PM, PP, RD, RE, SN, US, or WP, use specified paperwork is required to be p contractor.	IR, MS, PD, to indicate the	
			PV	Provided		
				When PWK01 is code AE, C6, DW, PJ, to indicate the specified paperwork is b by the buyer.		
Not Used	C00202	704	Paperwork/Repor	•	O ID 1/2	
				ow the paperwork or report that is identifie	ed in the PWK	
Not Used	C00203	704		the transaction set or to identify the action		
				w the paperwork or report that is identifie		
N T	G00004	= 0.4	_	the transaction set or to identify the action	*	
Not Used	C00204	704	Paperwork/Repor		O ID 1/2	
				when the paperwork or report that is identified		
Not Used	C00205	704	Paperwork/Repor	the transaction set or to identify the action t Action Code	O ID 1/2	
				w the paperwork or report that is identifie	ed in the PWK	
				the transaction set or to identify the action		
Not Used	PWK09	1525	Request Category	•	O ID 1/2	
			Code indicating a t	ype of request		

Segment: PKG Marking, Packaging, Loading

Position: 220

Loop:

Level: Heading Usage: Optional Max Use: 200

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

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

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

Semantic Notes: 1 PKG04 should be used for indust

Comments:

- 1 PKG04 should be used for industry-specific packaging description codes.
- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 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:

Ref.

Data

- 1. Use this segment to identify packaging requirements that apply to all of the line items. If the packaging requirements vary by line item, use the 2/PKG/305 segment.
- 2. 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.
- 3. 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.
- 4. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.

Des.	Element	<u>Name</u>		Attr	<u>ibutes</u>
PKG01	349	Item Description T	ype	X	ID 1/1
		Code indicating the	format of a description		
		F	Free-form		
		S	Structured (From Industry Code List)		
		X	Semi-structured (Code and Text)		
PKG02	753	Packaging Charact	eristic Code	O	ID 1/5
		Code specifying the being described	marking, packaging, loading and related	chara	acteristics
		Use the listed codes to identify the applicable packaging requirements.			
		CD	Cleaning or Drying Procedure		
		CT	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 Qualif	fier Code	X	ID 2/2
		Code identifying	ng the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GS	A)	
		ZZ	Mutually Defined		
			Use to indicate a Federal activity oth GSA.	er than	DoD or
PKG04	754	Packaging De	scription Code	X	AN 1/7
		marking, packa I. The actual in PKG02 can 2. Whenever a	n industry code list which provides specific aging or loading and unloading of a product codes associated with the packaging chara be found in Code Source List 197 (MIL-ST a code used in PKG04 requires an explanatorovide it in PKG05.	cteristic TD 207.	cs codes cited 3-1C).
PKG05	352	Description		X	AN 1/80
		A free-form de	escription to clarify the related data elements	s and th	eir content
		Instructions. I of this data ele code KD in NS	ide Supplemental Instructions or Special Parties of the information to be provided exceeds the ement, provide the information in the 1/N9/201. Form text is discouraged if the information teans within the transaction set.	e maxii /295 loo	mum length op, using
PKG06	400	Unit Load Op	tion Code	X	ID 2/2
		_	ng loading or unloading a shipment		
		01	Palletized		
		10	Shrink-wrap		
			=		

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

Position: 240

Loop:

Level: Heading Usage: Optional Max Use: 12

Purpose: To

Notes:

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

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

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

If TD513 is present, then TD512 is required.
If TD514 is present, then TD513 is required.

7 If TD515 is present, then TD512 is required.

Semantic Notes: 1 TD515 is the country where the service is to be performed.

Comments: 1 When specifying a routing sequence to be used for the ship

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

Use this segment to identify the transportation method that is applicable to all of the line items. If the transportation method varies by line item, use the 2/TD5/250

line items. If the transportation method varies by line item, use the 2/TD5/250

segment.

			Data Element Summary	
Not Used	Ref. <u>Des.</u> TD501	Data <u>Element</u> 133	Name Routing Sequence Code	<u>Attributes</u> O ID 1/2
- 100 0000			Code describing the relationship of a carrier	to a specific shipment movement
	TD502	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code (67) 10 Department of Defense (DODAAC)	Activity Address Code L, use to indicate the DoDAAC
			of the pipeline.	
	TD503	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
	TD504	91	Transportation Method/Type Code	X ID 1/2
			Code specifying the method or type of transparation. <i>Use any code other than code ZZ.</i>	ortation for the shipment
			2. An application program conversion table agency codes to ASC X12 codes. D Parcel Post Use to indicate the U.S. Postal Service and Refer to 004010 Data Element Dictionary for	not a private carrier.
Not Used	TD505	387	Routing	X AN 1/35
Tior escu	10000	307	Free-form description of the routing or reque originating carrier's identity	
Not Used	TD506	368	Shipment/Order Status Code	X ID 2/2
			Code indicating the status of an order or ship difference between the quantity ordered and or transaction	
Not Used	TD507	309	Location Qualifier	O ID 1/2
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			Code identifying type of location		
Not Used	TD508	310	Location Identifier	X	AN 1/30
			Code which identifies a specific location		
Not Used	TD509	731	Transit Direction Code	O	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the transit	time	
Not Used	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	\mathbf{X}	ID 2/2
			Code indicating the level of transportation service or the billing by the transportation carrier	ng se	rvice offered
			 Use any code other than code ZZ. When BEG12 is code 34, use to identify the transportation to satisfy the Emergency Order. 	n reg	quirements
			Refer to 004010 Data Element Dictionary for acceptable code	e valı	
Not Used	TD513	284	Service Level Code	X	ID 2/2
			Code indicating the level of transportation service or the billi- by the transportation carrier	ng se	rvice offered
Not Used	TD514	284	Service Level Code	O	ID 2/2
			Code indicating the level of transportation service or the billi- by the transportation carrier	ng se	rvice offered
Not Used	TD515	26	Country Code Code identifying the country	0	ID 2/3
			, ,		

Segment:	TD4 Carrier Details (Special Handling or Hazardous Materials or Both)
Position:	260

Loop:

Level: Heading Usage: Optional Max Use: 5

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

information, or both

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

2 If TD402 is present, then TD403 is required.

Semantic Notes: 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:

Not Rec.

Not Used

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

it applies to all of the line items. If this information varies by line item, use the

2/TD4/270 segment.

Data Element Summary

Ref.	Data			
Des.	Element	<u>Name</u>		<u>ibutes</u>
TD401	152	Special Handling Code	X	ID 2/3
		Code specifying special transportation handling instructions		
		Use any code, other than code EMR and ZZZ, but the listed	l code	es are
		preferred.		
		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		
		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 cod	le val	ues.
TD402	208	Hazardous Material Code Qualifier	X	ID 1/1
		Code which qualifies the Hazardous Material Class Code (20)9)	
		Use any code.		
		Refer to 004010 Data Element Dictionary for acceptable cod	le val	ues.
TD403	209	Hazardous Material Class Code	\mathbf{X}	AN 1/4
		Code specifying the kind of hazard for a material		
TD404	352	Description	\mathbf{X}	AN 1/80
		A free-form description to clarify the related data elements a	nd the	eir content
		Use of free form text is discouraged if the information can	be pr	ovided by
		some other means within the transaction set.		
TD405	1073	Yes/No Condition or Response Code	O	ID 1/1

Code indicating a Yes or No condition or response

Segment: MAN Marks and Numbers

Position: 270

Loop:

Level: Heading Usage: Optional av Use: 10

Max Use: 10 Purpose: To indica

- To indicate identifying marks and numbers for shipping containers

 1 If either MAN04 or MAN05 is present, then the other is required.
- If MAN06 is present, then MAN05 is required.

Semantic Notes:

Syntax Notes:

- 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
- When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
- 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:

- 1. Use this segment when the marks and numbers apply to all line items. If the information varies by line item, use the 2/MAN/280 segment.
- 2. Use to identify such data as MILSTRIP/DLMS/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

M	Ref. <u>Des.</u> MAN01	Data Element 88		Attr M	<u>ributes</u> ID 1/2	
			Code specifying the application or source of Marks and Number	ers ((87)	
			S Entire Shipment			
\mathbf{M}	MAN02	87	Marks and Numbers	M	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a sh	ipm	nent	
	MAN03	87	Marks and Numbers	O	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a sh	ipm	nent	
	MAN04	88	Marks and Numbers Qualifier	X	ID 1/2	
			Code specifying the application or source of Marks and Number	rs ((87)	
			S Entire Shipment			
	MAN05	87	Marks and Numbers	X	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a sh	ipm	nent	
	MAN06	87	Marks and Numbers	O	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a shipment			

Segment: PCT Percent Amounts

Position: 276

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose:

To qualify percent amounts and supply percent amounts

Syntax Notes: Semantic Notes:

Comments:

Notes:

Use this segment to carry percentages that apply to profit/fee, progress payments, progress payment liquidation, and escalation factors when they apply to all of the line items. If the percentages vary by line item, use the 2/PCT/276 segment.

Data Element Summary

	Ref.	Data	Data Elem	ent Summary
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	PCT01	1004	Percent Qualifier	M ID 1/2
			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.
			EF	Escalation Factor
				Use when BEG09 is code FX.
			RG	Progress Payment Rate
				Use to indicate a Progress Payment Rate other than the customary rate.
			RR	Alternate Progress Payment Liquidation Rate
M	PCT02	954	Percent	M R 1/10
			Percentage express	ed as a decimal
			CO. 10 FO. 0.10	

Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are suppressed).

Segment: TXI Tax Information

Position: 285

Loop:

Level: Heading Usage: Optional Max Use: >1

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 TXI08 is present, then TXI03 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: Use this segment to identify taxes that apply to the total order amount. Use the

2/TXI/291 segment to identify taxes that apply to individual line item amounts.

	T	-	Data El	ement Summary		
	Ref.	Data				
3.5	Des.	<u>Element</u>	Name			ributes
M	TXI01	963	Tax Type Code		M	ID 2/2
			Code specifying			
			Use any code of	her than code ZZ.		
			Refer to 004010	Data Element Dictionary for acceptable cod	le val	ues.
	TXI02	782	Monetary Amo	unt	\mathbf{X}	R 1/18
			Monetary amoun	nt		
			When CUR01 in	the 1/CUR/040 segment cites code BY, the	mon	etary
			amount identific	ed in this data element is expressed in the fo	reign	currency
				R02 of the 1/CUR/040 segment. In all othe	r inst	ances, the
				nt is expressed in US dollars.		
	TXI03	954	Percent		X	R 1/10
				essed as a decimal		
				cited as follows: 4.25% will be cited as .04		% will be
		0.55	,	e: leading and trailing zeros are suppressed	_	TD 4/4
Not Used	TXI04	955		n Code Qualifier	X	ID 2/2
				g the source of the data used in tax jurisdiction	n coc	le
Not Used	TXI05	956	Tax Jurisdiction	n Code	X	AN 1/10
			Code identifying	g the taxing jurisdiction		
	TXI06	441	Tax Exempt Co	ode	\mathbf{X}	ID 1/1
			Code identifying	g exemption status from sales and use tax		
			Use any code.			
			Refer to 004010	Data Element Dictionary for acceptable cod	le val	ues.
	TXI07	662	Relationship Co	ode	O	ID 1/1
			Code indicating	the relationship between entities		
			A	Add		
				Use to indicate the tax amount cited in	ı TXI	02 is to be
				added to the total order amount.		
			D	Delete		
				Use to indicate the tax amount cited in	TXI	02 has been
				deleted from the total order amount pr	opose	ed in the
			_	Response to the Solicitation.		
			I	Included		

Use to indicate the tax amount cited in TXI02 is included in the total order amount. TXI08 828 **Dollar Basis For Percent** R 1/9 Dollar basis to be used in the percent calculation of the allowance, charge or **TXI09** 325 **Tax Identification Number** 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. 350 **Assigned Identification** TXI10 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.

Segment: AMT Monetary Amount

Position: 287

Loop: AMT Optional

Level: Heading Usage: Optional

Max Use:

To indicate the total monetary amount

Purpose: Syntax Notes: Semantic Notes: Comments:

Notes:

- 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 codes 8B, 9E, B0, DN, KC, and KY are to be used depending on the code cited in BEG09

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	<i>NA</i>	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	NA	For fixed-price contracts with prospective price					
redeterminatio	n, use the 3/AMT	7020 segment, code 29 for contract total amount, and					
use the 2/AMT	use the 2/AMT/600 segment code 29 when CN101 is code FD for redeterminable items						
without a ceilin	ig price or code 3	0 for redeterminable items with a ceiling price.					

FM NA 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	<i>K4</i>	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
EXCEDIENCE TEMPLE	37.4	TT 4 0/43/77/600

FJ/FR/FX/LH/TM NA 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	NA	No cost or price information required
	D 6	.	Data Elem	ent Summary
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier	
			Code to qualify amo	
				use of the following codes in various fee and profit
			arrangements by ty	pe of contract, see the table above.
			2. Codes 8B, 9E, B note associated with	0, DN, KC, and KY are to be used in accordance with the heach code.
			30	Contract Ceiling
			32	Target Fee or Profit Amount
			33	Original Contract Target Cost
			8B	Provision for Future Purchases
				Use to indicate an amount that is contemplated for future placement on this award instrument.
			9E	Specific Performance
				When PWK01 in the 1/PWK/210 segment is code RE, use to indicate the amount of the performance bond.
			AEE	Award Fee
			AEF	Base Fee
			AEG	Target Profit Floor
			AEH	Target Profit Ceiling
			В0	Bond
				When PWK01 in the 1/PWK/210 segment is code RD,
			DN	use to indicate the amount of the payment bond. Liability
			DIV	Use this code to indicate the limitation of government
				liability for undefinitized contract actions.
			FE	Fee
			FQ	Firm Contractor Share
			FR	Estimated Government Share
			K4	Initial Target Fee
			KC	Obligated
				Use when the FA2 segment carries long line accounting data and cite the associated accounting code in the 1/REF/289 segment, e.g., code AX for the ACRN.
			KY	Not-To-Exceed Price
				Use this code to indicate the contractor not-to-exceed amount for undefinitized contract actions.
			ZQ	Initial Target Cost
M	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			amount identified in identified in	e 1/CUR/040 segment cites code BY, the monetary n this data element is expressed in the foreign currency 2 of the 1/CUR/040 segment. In all other instances, the s expressed in US dollars.
Not Used	AMT03	478	Credit/Debit Flag	_
			Code indicating who	ether amount is a credit or debit

Segment: REF Reference Identification

Position: 289

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.

If either C04003 or C04004 is present, then the other is required.
 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

Use this segment to identify a number or a code applicable to the financial accounting data 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 it is necessary to associate the accounting data with an amount cited in the 2/AMT/600 segment.

	Ref.	Data	2 21011	COLO S GLILLIAN Y		
	Des.	Element	<u>Name</u>		Attr	<u>ributes</u>
M	REF01	128	Reference Identifie		M	ID 2/3
			Code qualifying the	Reference Identification		
			1Z	Financial Detail Code		
			ACT	Accounting Code		
			AX	Government Accounting Class Referen	ce Nu	mber
			171	(ACRN)		
			FU	Fund Code		
			P4	Project Code		
			TH	Transportation Account Code (TAC)		
	REF02	127	Reference Identific		X	AN 1/30
				ion as defined for a particular Transaction	n Set	or as
Not Used	REF03	352	Description	ference Identification Qualifier	X	AN 1/80
not oscu	KETUS	332	-	ation to clarify the related data elements a		
Not Used	REF04	C040	A free-form description to clarify the related data elements Reference Identifier		110 tile O	en comem
Not Oseu	KET 04	C040		nore reference numbers or identification	_	0.40
			specified by the Re		iiuiiio	ers as
Not Used	C04001	128	Reference Identifie		M	ID 2/3
			Code qualifying the	e Reference Identification		
Not Used	C04002	127	Reference Identific		\mathbf{M}	AN 1/30
			Reference informat	ion as defined for a particular Transaction	ı Set o	or as
			specified by the Re	ference Identification Qualifier		
Not Used	C04003	128	Reference Identifie	cation Qualifier	X	ID 2/3
			Code qualifying the	Reference Identification		
Not Used	C04004	127	Reference Identifie	cation	X	AN 1/30
			Reference information as defined for a particular Transaction			or as
X 7	G0.400.	120		ference Identification Qualifier	T 7	TD 0/2
Not Used	C04005	128	Reference Identifie	_	X	ID 2/3
				e Reference Identification		
Not Used	C04006	127	Reference Identifie		X	AN 1/30
				ion as defined for a particular Transaction	a Set	or as
			specified by the Re	ference 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:

Notes: Use this segment to identify the Department or Agency that is originating the Line of Accounting cited in the following FA2 segments.

			Data Elem	ent Summar y		
M	Ref. <u>Des.</u> FA101	Data Element 559	<u>Name</u> Agency Qualifier (Code	<u>Attı</u> M	ributes ID 2/2
			Code identifying the	e agency assigning the code values		
			DF	Department of Defense (DoD)		
				Use to indicate that the component or funds is a Department of Defense Age DLA.	_	•
			DN	Department of the Navy		
				Includes the United States Marine Con	rps.	
			DY	Department of Air Force		
			DZ	Department of Army		
			FG	Federal Government		
Not Used	FA102	1300	Service, Promotion	n, Allowance, or Charge Code	O	ID 4/4
			Code identifying the	e service, promotion, allowance, or charg	ge	
Not Used	FA103	248	Allowance or Char	rge Indicator	O	ID 1/1
			Code which indicate	es an allowance or charge for the service	speci	fied

Segment: FA2 Accounting Data

Position: 294

Loop: FA1 Optional

Level: Heading Usage: Mandatory

Max Use: >

Purpose: To specify the detailed accounting data

Syntax Notes: Semantic Notes: Comments:

Notes:

1. Use this segment to identify the individual components of the line of accounting

2. This segment also can be used to send the LOA as 3 strings of data, using codes 18, L1 and ZZ.

			Data Eler	ment Summary	
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	FA201	1196	Breakdown Struc	ture Detail Code	M ID 2/2
			Codes identifying	details relating to a reporting breakdown s	structure tree
			18	Funds Appropriation	
				Use this code in conjunction with code when the individual components of the generated by the application. When us basic appropriation number (department) appropriation limit). Example: 17179	e LOA cannot be sed, provide the ent code through
			A1	Department Indicator	
				Use to indicate the two position depart	tment code.
			A2	Transfer from Department	
				Use to indicate the two position transf	fer from
				department.	
			A3	Fiscal Year Indicator	
				Use to indicate the eight position fisca four positions represent the first year t available and the last four positions re year the funds are available. Example 1999, year two 2000 would be cited as	the funds are expresent the last expresers the last expressers are the last expressed in
			A4	Basic Symbol Number	
				Use to indicate the four position code a Treasury that indicate the type of fundappropriation.	•
			A5	Sub-class	
				Use to indicate the four position nume identifies the subdivision of funds that amount or use of funds.	
			A6	Sub-Account Symbol	
				Use to indicate the two position Fund	Code or Material
				Category Code	
			B1	Budget Activity Number	
				Use to indicate the two position Opera Code that indicates the organization constitution is issuing.	•
			B2	Budget Sub-activity Number	
				Use to indicate the Allotment Serial N	umber that

	indicates the distribution of funds.
B3	Budget Program Activity
	Use to indicate the six position activity address code of the card holder.
B4	Program Year Indicator
	Use to indicate the one position Program Year.
C1	Program Element
	Use to indicate the program element code.
C2	Project Task or Budget Subline
D1	Defense Agency Allocation Recipient
D4	Component Sub-allocation Recipient
2.	Use to indicate the Job Order/Work Center Order
D6	Number for assigning cost to a specific project. Sub-allotment Recipient
20	Use to indicate the one position Sub-allotment
D7	Recipient.
D7	Work Center Recipient
7.0	Use to indicate the six position Work Center Recipient.
E2	Detail Reimbursement Source Code
E3	Customer Indicator
	Use to indicate the six position customer identifier who
F1	has requested the goods or services. Object Class
1.1	Use to indicate the Object Class, Element of Resource
	or the Element of Expense.
F3	Government or Public Sector Identifier
	Use to indicate the government or public source
G2	providing the goods or services.
G2	Special Interest Code or Special Program Cost Code
H1	Cost Code
	Use to indicate the Cost Code.
II	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
	Use to indicate the shorthand elements of the accounting classification.
J1	Document or Record Reference Number
	Use to indicate the Standard Document Number.
L1	Accounting Installation Number
Li	1. 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.
	·
	2. This code is used whether or not the application
	can generate the individual components of the LOA.
	If the application cannot generate the individual components of the LOA, use this code in conjunction
	with codes 18 and ZZ.

			M1	Local Installation Data
				Use to indicate the Installation Facilities System number.
			N1	Transaction Type
				Use to indicate the transaction type code.
			P5	Foreign Military Sales (FMS) Line Item Number
				Use to indicate the FMS Case Number, Country Code and FMS line number.
			P6	Contract Payment Notice (CPN) Recipient Indicator
				Use to indicate the 8 position CPN Recipient/ Organization Code.
			ZZ	Mutually Defined
				Use this code in conjunction with codes 18 and L1 when the individual components of the LOA cannot be generated by the application, When used, provide 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.
M	FA202	1195	Financial Informati	ion Code M AN 1/80

Code representing financial accounting information

Segment: N9 Reference Identification

Position: 295

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

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 clauses (e.g., Federal Acquisition Regulation (FAR), Defense Federal Acquisition Regulation Supplement (DFARS), General Services Administration Regulation Supplement (GSARS), Department of Veterans Affairs Acquisition Regulation Supplement (VAARS), Agency, or other clauses), Office of Management and Budget (OMB) Circular, special instructions or other references that are applicable to the entire award instrument. If the information varies by line item, use the 2/N9/330 loop.

- 2. When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date MUST be cited in the following MSG segment.
- 3. 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.

Data Element Summary

			Data Eleme	int Summary	
M	Ref. <u>Des.</u> N901	Data Element 128	<u>Name</u> Reference Identific	ation Qualifier	Attributes M ID 2/3
			Code qualifying the	Reference Identification	
			5N	Citation of Statute	
			73	Use to indicate the legislative authoriza which this instrument, e.g., a grant, is the legislative program title in N903. Statement of Work (SOW)	
				If a Statement of Work is part of the aw 1/PWK/210 segment can be used to ide being provided.	
			ADA	Agency for International Development A Regulation (AIDAR)	Acquisition
			AU	Authorization to Meet Competition No.	
				Use to indicate the FAR part 6 authority other than full and open competition.	ty for using
			CJ	Clause Number	
				1. Use to indicate a purchasing activity clause not found in FAR, DFARS, etc., purchasing activity issuing the clause i). Identify the
				2. DO NOT use for a purchasing activ	rity payment

DF

related clause. Use code H5 in that instance.

Defense Federal Acquisition Regulations (DFAR)

If the DFARS clause has a Modification, Variation or
Deviation, identify that condition in N903 and provide

DHH	the full clause text in the following MSG segment. Department of Health and Human Services Acquisition
Dilli	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)
DTS	Department of the Treasury Acquisition/Procurement Regulation (TAPR)
DX	Department/Agency Number
	1. Use to indicate an Agency clause and identify the agency in N903.
	2. DO NOT use for an Agency payment related clause. Use code H5 in that instance.
EC	Circular
	Use to identify an Office of Management and Budget
	(OMB) circular number.
EDA	Department of Education Acquisition Regulation (EDAR)
EPA	Environmental Protection Agency Acquisition Regulation (EPAAR)
FA	Federal Acquisition Regulations (FAR)
	If the FAR clause has a Modification, Variation or Deviation, identify that condition in N903 and provide the full clause text in the following MSG segment.
GS	General Services Administration Regulations (GSAR)
H5	Special Clause
	Use this code only to indicate local, purchasing activity or agency payment related information. DO NOT use for a FAR or DFARS payment related clause. Use either code FA or DF in that instance.
HT	Code of Federal Regulations
HUD	Department of Housing and Urban Development Acquisition Regulation (HUDAR)
K7	Paragraph Number
	1. 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.
	2. DO NOT use for payment related information. Use code H5 for that purpose.
KD	Special Instructions Number
	1. 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
	anditions provide the full text in the following MSC

Not Used

Not Used

			segment.		
			2. DO NOT use for payment related	special	
			instructions. Use code H5 for that pu	_	
		KY	Site Specific Procedures, Terms, and	_	ons
			DO NOT use for payment related term		
			conditions. Use code H5 for that pur		
		KZ	Master Solicitation Procedures, Terms		
			1. Use to indicate the Master Solicita		ımber that
			contains applicable terms and conditi	ons.	
			2. Do NOT use for payment related t	erms a	nd
			conditions. Use code H5 for that pur		
		NAS	National Aeronautics and Space Admi		on FAR
			Supplement (NFS)		
		VB	Department of Veterans Affairs Acqui	isition I	Regulations
		XY	(VAAR) Other Unlisted Type of Reference Nu	mher	
		AI	Use to indicate any other reference the		not use a
			specific qualifier code. Indicate the so		
			reference in N903 and use the follow		
			segment, if necessary, to pass text.		
N902	127	Reference Identi		X	AN 1/30
			ation as defined for a particular Transacti	on Set o	or as
N903	369	Free-form Descr	deference Identification Qualifier	X	AN 1/45
14703	307	Free-form descrip	-	Λ	AN 1/43
		-	code CJ or DX, use to identify the agenc	v or nu	rchasino
			ne clause cited in N902.	y or pu	chusing
		·			
			code XY, use to identify the source of the	refere	nce and use
		the following MS	G segment for text, if necessary.		
		3 When N901 is	code DF or FA and the clause has a Mo	dificat	ion
			viation, identify that condition by citing "		
			Variations, and "DEV" for Deviation.		
			rry additional information related to the	referen	ce cited in
		N901.			
		5. Use of free-for	rm text is discouraged if the information	can be	provided by
			s within the transaction set.		•
N904	373	Date		0	DT 8/8
		Date expressed as	CCYYMMDD		
		Use to identify the the date is always	e date of the clause cited in N902. The D s 01.	D (day)	portion of
N905	337	Time		X	TM 4/8
			24-hour clock time as follows: HHMM,		
			HHMMSSDD, where $H = \text{hours } (00-23)$, $M = \frac{1}{2} \frac{1}{2}$		
			econds (00-59) and DD = decimal seconds follows: D = tenths (0-9) and DD = hundre		
N906	623	Time Code	of one of the contract of the	O O	ID 2/2
11700	020		the time. In accordance with International		
			dard 8601, time can be specified by $a + oi$		
		in hours in relatio	n to Universal Time Coordinate (UTC) time	ne; sinc	ce + is a
		restricted characte	er, + and - are substituted by P and M in the	ie code	s that follow

	N907	C040	Reference Ident	tifier	o	
			To identify one of	or more reference numbers or identification	numb	ers as
				Reference Qualifier		
				s a code that specifies a clause or instruct		ich applies to
				e items, use this composite data element to		olias au
			• •	ine item(s) to which the clause or instructi ine item(s) to which the clause or instructi		
M	C04001	128	• • •	tification Qualifier	M	ID 2/3
112	20.001	120		the Reference Identification		12 2,0
			C7	Contract Line Item Number		
			C7	Use to indicate a CLIN to which the c	ไสมร <i>อ</i> เ	or
				instruction cited in N902 applies.	iuuse (,,
			FJ	Line Item Control Number		
				Use to indicate a CLIN to which the c	lause d	or
				instruction cited in N902 DOES NOT	apply.	
M	C04002	127	Reference Ident	ification	\mathbf{M}	AN 1/30
				nation as defined for a particular Transaction	n Set	or as
	~~			Reference Identification Qualifier		
	C04003	128		tification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification			
			C7	Contract Line Item Number		
				Use to indicate a CLIN to which the c	lause d	or
			FJ	<i>instruction cited in N902 applies.</i> Line Item Control Number		
			1.3	Use to indicate a CLIN to which the c	lausa	3.V
				instruction cited in N902 DOES NOT		,,
	C04004	127	Reference Ident		X	AN 1/30
			Reference inform	nation as defined for a particular Transaction	n Set	or as
				Reference Identification Qualifier		
	C04005	128	Reference Ident	tification Qualifier	X	ID 2/3
			Code qualifying	the Reference Identification		
			C7	Contract Line Item Number		
				Use to indicate a CLIN to which the c instruction cited in N902 applies.	lause d	or
			FJ	Line Item Control Number		
				Use to indicate a CLIN to which the c instruction cited in N902 DOES NOT		or
	C04006	127	Reference Ident	ification	X	AN 1/30
				nation as defined for a particular Transaction 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:

Notes:

Use this segment to provide the revision date associated with a qualifier code cited in

N901 of the 1/N9/295 segment.

	Ref.	Data	·			
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>	
M	DTM01	374	Date/Time Qualifier	\mathbf{M}	ID 3/3	
			Code specifying type of date or time, or both date and time			
			171 Revision			
	DTM02	373	Date	\mathbf{X}	DT 8/8	
			Date expressed as CCYYMMDD			
Not Used	DTM03	337	Time	\mathbf{X}	TM 4/8	
Not Used	DTM04	623	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSDD, where $H = hours$ (00-23), $M = minutes$ (00-59), $S = integer$ seconds (00-59) and $DD = decimal$ seconds; decimal second are expressed as follows: $D = tenths$ (0-9) and $DD = hundredths$ (00-99) Time Code O ID 2/2			
Not Used	DTM05	1250	Code identifying the time. In accordance with International S Organization standard 8601, time can be specified by a + or in hours in relation to Universal Time Coordinate (UTC) time restricted character, + and - are substituted by P and M in the Date Time Period Format Qualifier	and a	an indication ce + is a	
1100 0500	211100	1200	-			
NI 4 TI 3	DTM 404	1051	Code indicating the date format, time format, or date and time			
Not Used	DTM06	1251	Date Time Period	X	AN 1/35	
			Expression of a date, a time, or range of dates, times or dates	and t	imes	

Segment: MSG Message Text

Position: 300

Loop: N9 Optional

Level: Heading 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 is required.

Notes:

- 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, and the clause Alternate identifier with date if applicable, 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 fill-ins 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 (April 1984)|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 I (Apr 1984)|3|30|Sep 30, 1995|Jan 15, 1995|

	Ref.	Data				
	Des.	Element	<u>Name</u>	<u>Attributes</u>		
M	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264	
			Free-form message text			
Not Used	MSG02	934	Printer Carriage Control Code	\mathbf{X}	ID 2/2	
			A field to be used for the control of the line feed of the receiving printer			
004010F850 2			26 December 2002			

Not Used MSG03 1470 Number O No 1/9

A generic number

Segment: N1 Name

Position: 310

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional (Must Use)

Max Use:

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

Syntax Notes: 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.

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

Notes: 1. Use this loop to identify organizations or locations that apply to all the line items. If

the information varies by line item, use the 2/N1/350 loop.

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

3. At least 2 iterations of this segment are REQUIRED using codes BY and SE.

			Data Elem	ent Summary	
	Ref.	Data			
	Des.	Element	<u>Name</u>	_	Attributes
M	N101	98	Entity Identifier C		M ID 2/3
			Code identifying an individual	organizational entity, a physical location	, property or an
			28	Subcontractor	
			31	Postal Mailing Address	
				Use only when an actual mailing addrand it is different from the address proother qualifier code. Do not use if anot code can be used to pass this address. It the name of the party in N102 and the necessary.	vided for any her qualifier When used, cite
			56	Servicing Dealer	
				Use to indicate a dealer who services a is the location to obtain service, such a	
			61	Performed At	
				Use to indicate additional places of perother than the address identified with a in the 1/N1/310 segment.	
			7D	Contracting Officer Representative	
			7E	Party Authorized to Definitize Contract	Action
			7G	Hazardous Material Office	
				Use to indicate the installation Hazard Safety Office serving the ship-to location	
			7H	Government Furnished Property FOB P	oint
			7M	Inspection and Acceptance Location	
				Use to indicate the inspection and acce when both are at the same location but neither at origin nor at destination.	
			7N	Party to Receive Proposal	

Use to indicate the office to receive a proposal for an undefinitized contract action. 7P Transportation Office 92 Support Party 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. 9P Investigator Use to indicate the principal Grant Investigator's organization if other than the selling party. Additional Delivery Address ΑE Use to indicate a shipment in-place location. AF Authorized Accepting Official Use this code to identify the organization that is authorized to accept the goods or services. When used, N103 must cite code 1, 9 or 10. BT Bill-to-Party 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. BYBuying Party (Purchaser) C4 Contract Administration Office CYCountry Use to indicate the country to which a Foreign Military Sale applies. DL Dealer Use to indicate a dealer or reseller of products. DS Distributor Use to indicate a distributor of products. DZDelivery Zone 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. FA Facility Use to indicate the principal place of performance when other than the address identified with code SE. HMI 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.
IF	International Freight Forwarder
	Use in conjunction with the 1/FOB/080 segment, FOB02 code IT.
IS	Party to Receive Certified Inspection Report
J2	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.
KF	Audit Office
KG	Project Manager
	Use to indicate the Government organization
	responsible for a project to include the advisor under a
	Grant.
KX	Free on Board Point
	Use to indicate the FOB point when it has to be
	described by a specific address rather than as a code value indicating either origin or destination.
	Applicable when FOB02 in the 1/FOB/080 segment is
	code KE, KL, or ZZ.
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.
KZ	Acceptance Location
	Use to indicate acceptance is at other than origin or
	destination.
L1	Inspection Location
	Use to indicate the inspection location when it has to
	be described as an address which is neither origin nor destination.
OI	Outside Inspection Agency
	Use to indicate the inspection agency is other than the
	Contract Administration Office.
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PL	Party to Receive Purchase Order
	Use to indicate entities other than the contractor that
DM	are to receive copies of the award instrument.
PN	Party to Receive Shipping Notice
PO	Party to Receive Invoice for Goods or Services
DD.	Use to indicate where the invoice should be mailed.
PP	Property Use this contains the state of the Community Property
	Use this code to indicate the Government Property Office.
PR	Payer
	Use to indicate the paying office.
PW	Pick Up Address
R6	Requester
	Use to indicate the requesting agency/activity.
RI	Remit To

				Use to indicate the place to send payment if it is different from the contractor's address, e.g., a bank, financial office location, etc.
			SE	Selling Party
				Use to indicate the party receiving the award. If the
				award is for a Section 8a contract, also use code 90 to
			SM	identify the Small Business Administration (SBA). Party to Receive Shipping Manifest
			ST	
			31	Ship To If the address is an FPO or APO, cite code ST in
				N101, cite FPO or APO in N102 and in N401, cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N402, and cite the zip code
				in N403.
			SV	Service Performance Site
				Use to indicate the location where a service, e.g., grass cutting, is to be performed or where service for a product can be obtained.
			TQ	Third Party Reviewing Organization (TPO)
				Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.
			TS	Party to Receive Certified Test Results
			X2	Party to Perform Packaging
			Z 4	Owning Inventory Control Point
			Z 7	Mark-for Party
			ZD	Party to Receive Reports
Not Rec.	N102	93	Name	X AN 1/60
			Free-form name	
Rec	N103	66	Identification Code	e Qualifier X ID 1/2
			Code (67)	ne system/method of code structure used for Identification
			1	D-U-N-S Number, Dun & Bradstreet
				Use of the DUNS or DUNS+4 number is preferred
			9	over other codes to identify an entity. D-U-N-S+4, D-U-N-S Number with Four Character
			,	Suffix
				Use of the DUNS or DUNS+4 number is preferred
				over other codes to identify an entity.
			10	Department of Defense Activity Address Code
				(DODAAC) Use to indicate a Department of Defense or Civilian Agency Activity Address Code.
			33	
			33 38	Commercial and Government Entity (CAGE) Country Code
				Commercial and Government Entity (CAGE)
				Commercial and Government Entity (CAGE) Country Code Use in conjunction with N101 code CY and cite the 2
			38	Commercial and Government Entity (CAGE) Country Code Use in conjunction with N101 code CY and cite the 2 position ISO 3166 country code in N104.
			38 A2	Commercial and Government Entity (CAGE) Country Code Use in conjunction with N101 code CY and cite the 2 position ISO 3166 country code in N104. Military Assistance Program Address Code (MAPAC)
Rec	N104	67	38 A2	Commercial and Government Entity (CAGE) Country Code Use in conjunction with N101 code CY and cite the 2 position ISO 3166 country code in N104. Military Assistance Program Address Code (MAPAC) Zone When N101 is code DZ, use to indicate a delivery zone.
Rec	N104	67	38 A2 ZN	Commercial and Government Entity (CAGE) Country Code Use in conjunction with N101 code CY and cite the 2 position ISO 3166 country code in N104. Military Assistance Program Address Code (MAPAC) Zone When N101 is code DZ, use to indicate a delivery zone. EX AN 2/80

			 a. A delivery zone designation, e.g., 01, 10, 1a, etc. b. The word "CONUS" to specify all points within the continental United States that are not otherwise identified within a zone. c. The word "WORLD" to specify all points outside the continental Unite States that are not otherwise identified within a zone. 				
Not Used	N105	706	Entity Relationship Code	O	ID 2/2		
			Code describing entity relationship				
Not Used	N106	98	Entity Identifier Code	O	ID 2/3		
			Code identifying an organizational entity, a physical individual	l location, prop	erty or an		

Segment: N2 Additional Name Information

Position: 320

Loop: N1 Optional (Must Use)

Level: Heading Usage: Optional

Max Use: 2 Purpose: 7

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

Syntax Notes: Semantic Notes:

Comments:

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

Segment: N3 Address Information

Position: 330

Loop: N1 Optional (Must Use)

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes: Semantic Notes:

Comments:

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

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.

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

Notes:

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

2. 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

		Data Elei	ment Summary		
Ref.	Data				
Des.	Element	<u>Name</u>		Attr	<u>ibutes</u>
N401	19	City Name		O	AN 2/30
		Free-form text for	city name		
		When the address	s is a military overseas post office cite AP	0 or F	FPO as
		appropriate to ide	entify an Army Post Office (APO) or Fleet	Post	<i>Office</i>
		(FPO).			
N402	156	State or Province	e Code	O	ID 2/2
		Code (Standard St	tate/Province) as defined by appropriate go	vernn	nent agency
		Use codes AA (Ar	rmed Forces Americas), AE (Armed Force	es Eui	ope), or AP
		•	acific) as appropriate for the military over	rseas _l	
N403	116	Postal Code		O	ID 3/15
		•	ernational postal zone code excluding pund	ctuatio	on and blanks
		(zip code for Unit	ed States)		
N404	26	Country Code		O	ID 2/3
		Code identifying t			
		Cite the two positi	ion ISO 3166 country code.		
N405	309	Location Qualifie	er	X	ID 1/2
		Code identifying t	type of location		
			de DZ and the 1/FOB/080 segment is not		
			se to specify the FOB point for a delivery	zone	or for a
		location within a			
		DE	Destination (Shipping)		
		OA	Origin (After Loading on Equipment)		
			Use to indicate FOB Origin with trans	-	
			charges prepaid by the seller and adde		
			item to the invoice. See FAR clause 52	2.247	32
		OR	Origin (Shipping Point)		
			Use to indicate FOB Origin with trans	-	
		TT) (charges paid by a Government Bill of	Ladin	g(GBL).
		TM	Terminal		
			1. Use to indicate that the FOB point f		-
			outside the continental United States	~	
			transportation terminal and not at origination, EAP alonger 52,247,38,5	-	
			destination. FAR clauses 52.247-38, 5	2.24/	-39, or a

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similar FAR clause may apply.

2. When used, identify the FOB point in N406.

ZN Zone Code

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 other 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.

Segment: REF Reference Identification

Position: 350

Loop: N1 Optional (Must Use)

Level: Heading Usage: Optional Max Use: 12

Purpose: To specify identifying information

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

If either C04003 or C04004 is present, then the other is required.
 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

1. Use this segment to identify reference numbers applicable to a ship-to location, i.e., when N101 is code ST. The number cited can be a reference number or code used in place of financial accounting data, e.g., an ACRN, fund code, etc.; a transportation control number; a GBL number; a requisition number; or the financial accounting number.

2. Use also to identify major subdivisions and lower levels within the selling party's organization, to provide a second identification number for the selling party and to provide a special price authorization number, if applicable.

			Data Elem	ient Summary	
	Ref.	Data	•		
M	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Identifi	estion Qualifier	Attributes M ID 2/3
IVI	KETUI	120		_	WI ID 2/3
				e Reference Identification	
			19	Division Identifier	
				Use to indicate the major subdivision of organization identified in N101. For of Engineering or Adhesive Products of the name in REF03.	example, School
			1Z	Financial Detail Code	
			9B	Repriced Line Item Reference Number	
				 Use to indicate a special price authoumber. 	orization
				2. When used, code SPC should be use the 2/CTP/040 segment within the PO items that are authorized a special pricinclude the name of the person a uthor using code 1A in PER01 in the 1/PER/	l loop of the line ce. If applicable, izing the price
			ACT	Accounting Code	
			AD	Acceptable Source DUNS Number	
				When N101 in the 1/N1/310 segment in N103 is code 33, use this code to provide DUNS +4 number of the selling party,	de the DUNS or
			AT	Appropriation Number	
				When used, cite the number in REF03	3.
			AX	Government Accounting Class Referen (ACRN)	ce Number
			BL	Government Bill of Lading	
			DP	Department Number	
				Use to indicate the department, service equivalent level within the major subd	_

				(code 19) of the organization. For example, Department of Industrial Engineering Department. Cite the name in REFOS	g or Se	
			FU	Fund Code		
			IL	Internal Order Number		
			D4	Use to indicate the requisition number (MILSTRIP/DLMS/FEDSTRIP docu		number.
			P4	Project Code		
			TG	Transportation Control Number (TCN))	
			TH	Transportation Account Code (TAC)		
			VR	Vendor ID Number		
				Use to indicate the EDI/EFT vendor i number for the Vendor One Pay Syste	em.	
			W7	Commercial and Government Entity (C		
				When N101 in the 1/N1/310 segment N103 is code 1 or 9, use this code to p code of the selling party, if applicable	rovide	
	REF02	127	Reference Ide	ntification	X	AN 1/30
	REF03	352		ormation as defined for a particular Transaction le Reference Identification Qualifier	on Set X	or as AN 1/80
	KEFUS	334	-	escription to clarify the related data elements		
				is code AT, use to identify the appropriation		
Not Used	REF04	C040	Reference Ide	** ** **	O	,
not oscu	KET 04	C040		e or more reference numbers or identification	_	ners as
			•	e Reference Qualifier	nume	7C13 d3
Not Used	C04001	128		entification Qualifier	\mathbf{M}	ID 2/3
			Code qualifyin	ng the Reference Identification		
Not Used	C04002	127	Reference Ide	entification	\mathbf{M}	AN 1/30
			Reference info	ormation as defined for a particular Transactio	n Set	or as
				e Reference Identification Qualifier		
Not Used	C04003	128		entification Qualifier	X	ID 2/3
			= -	ng the Reference Identification		
Not Used	C04004	127	Reference Ide		X	AN 1/30
			specified by th	ormation as defined for a particular Transaction the Reference Identification Qualifier	n Set	
Not Used	C04005	128		entification Qualifier	X	ID 2/3
				ng the Reference Identification		
Not Used	C04006	127	Reference Ide		X	AN 1/30
				ormation as defined for a particular Transaction the Reference Identification Qualifier	n Set	or as

PER Administrative Communications Contact **Segment:**

360 **Position:**

> Loop: N1 Optional (Must Use)

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

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

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

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

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

Semantic Notes: Comments:

> Use this segment to provide communications contacts associated with the entities cited Notes:

in the same N1 loop.

Data Element Summary

	Ref.	Data			
	Des.	Element	<u>Name</u>	Attr	<u>ibutes</u>
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the per	son or	group nar

amed

Use to identify the various individuals who can be contacted regarding specific areas of this award instrument.

1A Review/Repricing Contact

1. When N101 is code SE, use to indicate an individual who authorized a one time special price for line items in this award instrument, e.g., a spot pricing reduction from an existing contract or catalog price. In this instance, PER02 MUST be used.

2. When used, code SPC should be used in CTP02 in the 2/CTP/040 segment within the P01 loop of the line items that are authorized a special price. If applicable, include the authorization number provided by the selling party in REF01 in the 1/REF/350 segment using code 9B.

AC Administrative Contracting Officer

Use in conjunction with N101 code C4.

ΑT Material Safety Data Sheet Contact

Use in conjunction with N101 codes BY, HMI, or 7P.

ΑV

Use in conjunction with N101 code KG to indicate the Government technical representative who will work with the contractor on basic R&D efforts in a

particular science area.

BDBuyer Name or Department

1. Includes Grants Management Specialists.

2. Use in conjunction with N101 code BY

CD Contract Contact

HM

Use in conjunction with N101 code 7D to indicate a Contracting Officer's Representative.

Hazardous Material Contact

Use in conjunction with N101 code 7G.

IC **Information Contact**

Use in conjunction with an applicable N101 code to

			indicate an information point of contact when no other code applies.
		KC	Accepting Official
			Use in conjunction with N101 is code ST to indicate the accepting official at destination.
		NT	Notification Contact
			Use in conjunction with N101 code ST, to indicate the party to be contacted for shipping instructions.
		PC	Purchasing Contracting Officer (PCO)
			1. Includes Grants/Contract Project Officer.
			2. Use in conjunction with N101 code BY.
		PP	Program Manager
			1. Includes Grants Project Officer
		QR	2. Use in conjunction with N101 code KG Ordering Officer
			When N101 is code J2, use to indicate persons within
			an activity authorized to place orders against award instruments.
		RE	Receiving Contact
			Use in conjunction with N101 code ST, to indicate the party to be contacted for to schedule a shipment.
		SI	Investigator
		21	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.
		TA	Traffic Administrator
			Use in conjunction with N101 code 7P to indicate a transportation officer, i.e., the party who can be contacted for a bill of lading or transportation information.
PER02	93	Name	O AN 1/60
		Free-form name	
		name, is preferred	name of a point of contact. Last name, followed by first l. If the whole name is longer than 35 characters, the use first name is recommended. PER09 may be used to cite the ce symbol.
PER03	365	Communication N	Number Qualifier X ID 2/2
		Code identifying the	he type of communication number
		AU	Defense Switched Network
		EM	Electronic Mail
		FX	Facsimile
		IT	International Telephone
			Include the country code.
		TE	Telephone
			Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.
PER04	364	Communication N	
			nications number including country or area code when
		applicable	

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters. 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

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.

AU Defense Switched Network

EM Electronic Mail FX Facsimile

IT International Telephone

Include the country code.

TE Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06 364 Communication Number

X AN 1/80

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

PER07 365 Communication Number Qualifier

X ID 2/2

Code identifying the type of communication number

Use to indicate a third communications number for the party cited in PER02.

AU Defense Switched Network

EM Electronic Mail FX Facsimile

IT International Telephone

Include country code.

TE Telephone

Used to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08 364 Communication Number

X AN 1/80

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

PER09 443 Contact Inquiry Reference

O AN 1/20

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title or office symbol of the party cited in PER02.

Segment: LM Code Source Information

Position: 430

Loop: LM Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To transmit standard code list identification information

Syntax Notes: Semantic Notes:

Comments:

1 LM02 identifies the applicable industry code list source information.

Notes: Use this loop to provide data that cannot be provided by other means within this

transaction set, e.g., field contract administration office data, subject to availability of

funds, etc.

Data Element Summary

M	Ref. <u>Des.</u> LM01	Data <u>Element</u> 559	Name Agency Qualifier Co	-	<u>Attr</u> M	ibutes ID 2/2
			Code identifying the	agency assigning the code values		
			DF	Department of Defense (DoD)		
				Use this code in preference to code DD.		
			FG	Federal Government		
				When this code is used, cite FP1, in LM	<i>92</i> .	
	LM02	822	Source Subqualifier	•	0	AN 1/15

A reference that indicates the table or text maintained by the Source Qualifier

When LM01 is code FG, the code contained in LQ02 comes from the Federal EDI Coding Manual, Federal Procurement Code List One (FP1). This code list can be found at http://www.fedebiz.gov, under Resources, Related Documents.

Segment: LQ Industry Code

Position: 440

Loop: LM Optional

Level: Heading Usage: Mandatory

Max Use: >1

Purpose: Code to transmit standard industry codesSyntax Notes: 1 If LQ01 is present, then LQ02 is required.

Semantic Notes: Comments:

Data Element Summary

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
	LQ01	1270	Code List Qualifi	er Code O ID 1/3
			Code identifying a	a specific industry code list
			2	Type of Business Code
				Use to indicate the contractor's type of business classification, e.g., small disadvantaged business, hospital, etc.
			6	Special Contract Provision Code
				Use to indicate special clauses that apply to the award instrument.
			7	Quality Assurance Site Code
				Use to indicate the inspection point when it is not the same as the acceptance location.
			9	Indicator Code
				Use to indicate specific conditions that apply to the award instrument.
			A9	Supplementary Address
Must Use	LQ02	1271	Industry Code	X AN 1/30

Code indicating a code from a specific industry code list

Use to cite a code from the code list identified by the qualifier in LQ01 or the code list cited in LM02.

Segment: SPI Specification Identifier

Position: 450

Loop: SPI Optional

Level: Heading Usage: Optional

Max Use:

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.

Syntax Notes: Semantic Notes:

Comments:

Notes:

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.

Ref. Data Des. Selement Name SPI01 786 Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following 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 Top Secret 94 Government Top Secret Gode qualifying the Reference Identification Qualifier SPI02 128 Reference Identification Qualifier Vse to identify the award instrument number applicable to the Contract Security Classification Specification. CT Contract Number SPI03 127 Reference Identification Reference Identification Qualifier OAN 1/30 Reference Identification Qualifier Not Used SPI04 790 Entity Title Title of the data entity Not Used SPI05 791 Entity Purpose The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction Transaction Set Purpose Code Code indicating the current status of the data item specified by the electronic data item SPI07 353 Transaction Set Purpose Code Code identify the type of Contract Security Classification Specification. Practical Purpose Code Did D2/2 Code identify the type of Contract Security Classification Specification. Specification. Specification. Specification. Specification. Specification. Specification. Specification. Specification.				Data Elem	ent Summary		
SP101 786 Security Level Code							
Code indicating the level of confidentiality assigned by the sender to the information following Use to identify the highest level of safeguarding required for the data associated with the award instrument. 90 Government Non-Classified 92 Government Secret 94 Government Secret 94 Government Secret 94 Government Top Secret SPI02 128 Reference Identification Qualifier X ID 2/3 Code qualifying the Reference Identification Use to identify the award instrument number applicable to the Contract Security Classification Specification. CT Contract Number SPI03 127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Not Used SPI04 790 Entity Title O AN 1/132 Title of the data entity Not Used SPI05 791 Entity Purpose The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction Not Used SPI06 792 Entity Status Code Code indicating the current status of the data item specified by the electronic data item SPI07 353 Transaction Set Purpose Code O ID 1/1 Code indicating the current status of the data item specified by the electronic data item SPI07 353 Transaction Set Purpose Code O ID 2/2 Code identifying purpose of transaction set Use to identify the type of Contract Security Classification Specification being issued. 00 Original 04 Change Use to indicate a revised Contract Security Classification Specification Specification. SPI08 755 Report Type Code O ID 2/2							
information following Use to identify the highest level of safeguarding required for the data associated with the award instrument. 90 Government Non-Classified 92 Government Secret 94 Government Secret 94 Government Top Secret SP102 128 Reference Identification Qualifier X ID 2/3 Code qualifying the Reference Identification Use to identify the award instrument number applicable to the Contract Security Classification Specification. CT Contract Number SP103 127 Reference Identification X AN 1/30 Reference Identification Qualifier Reference Information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Not Used SP104 790 Entity Title O AN 1/132 Title of the data entity Not Used SP105 791 Entity Purpose Identification Qualifier Not Used SP106 792 Entity Status Code The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction Not Used SP106 792 Entity Status Code O ID 1/1 Code indicating the current status of the data item specified by the electronic data item SP107 353 Transaction Set Purpose Code O ID 2/2 Code identifying purpose of transaction set Use to identify the type of Contract Security Classification Specification being issued. 00 Original 04 Change Use to indicate a revised Contract Security Classification Specification Specif	M	SPI01	786				
Use to identify the highest level of safeguarding required for the data associated with the award instrument. 90 Government Non-Classified 92 Government Non-Classified 93 Government Top Secret 94 Government Top Secret SP102 128 Reference Identification Qualifier X ID 2/3 Code qualifying the Reference Identification Use to identify the award instrument number applicable to the Contract Security Classification Specification. CT Contract Number				-	, , , , , , , , , , , , , , , , , , ,	endei	to the
Associated with the award instrument. 90 Government Non-Classified 92 Government Secret 94 Government Top Secret SP102 128 Reference Identification Qualifier X ID 2/3 Code qualifying the Reference Identification Use to identify the award instrument number applicable to the Contract Security Classification Specification. CT Contract Number SP103 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 SP104 790 Entity Title O AN 1/132 Title of the data entity Not Used SP105 791 Entity Purpose O AN 1/80 The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction Not Used SP106 792 Entity Status Code O ID 1/1 Code indicating the current status of the data item specified by the electronic data item independent of its presence in an EDI transaction SP107 353 Transaction Set Purpose Code O ID 2/2 Code identifying purpose of transaction set Use to identify the type of Contract Security Classification Specification being issued. 00 Original 04 Change Use to indicate a revised Contract Security Classification Specification. Specification. SP108 755 Report Type Code O ID 2/2							1.4.
SPI02 128 Reference Identification Qualifier X ID 2/3						or tne	aata
92 Government Confidential 93 Government Secret 94 Government Top Secret SP102 128 Reference Identification Qualifier X ID 2/3 Code qualifying the Reference Identification Use to identify the award instrument number applicable to the Contract Security Classification Specification. CT Contract Number SP103 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 SP104 790 Entity Title O AN 1/132 Title of the data entity Not Used SP105 791 Entity Purpose O AN 1/80 The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction Not Used SP106 792 Entity Status Code Code indicating the current status of the data item specified by the electronic data item SP107 353 Transaction Set Purpose Code O ID 1/1 Code identifying purpose of transaction set Use to identify the type of Contract Security Classification Specification being issued. 00 Original 04 Change Use to indicate a revised Contract Security Classification Specification Use to identae a final Contract Security Classification Specification Use to indicate a final Contract Security Classification Specification SPecification.							
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Not Used SPI06 792 Entity Status Code O ID 1/1 Code indicating the current status of the data item specified by the electronic data item SPI07 353 Transaction Set Purpose Code O ID 2/2 Code identifying purpose of transaction set Use to identify the type of Contract Security Classification Specification being issued. 00 Original 04 Change Use to indicate a revised Contract Security Classification. 20 Final Transmission Use to indicate a final Contract Security Classification Specification. SPI08 755 Report Type Code O ID 2/2						elect	ronic data
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00 Original 04 Change Use to indicate a revised Contract Security Classification Specification. 20 Final Transmission Use to indicate a final Contract Security Classification Specification. SPI08 755 Report Type Code O ID 2/2					ype of contract security classification is	эрссі	icuion
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Classification Specification. 20 Final Transmission Use to indicate a final Contract Security Classification Specification. SPI08 755 Report Type Code O ID 2/2					C	ıritv	
Use to indicate a final Contract Security Classification Specification. SPI08 755 Report Type Code O ID 2/2						.,,	
SPI08 755 Report Type Code O ID 2/2				20	Final Transmission		
SPI08 755 Report Type Code O ID 2/2					Use to indicate a final Contract Securi	ty Cla	issification
					Specification.		
004010F850_2 26 December 2002		SPI08	755	Report Type Code		O	ID 2/2
	004010F850_	2				26 D	ecember 2002

			Code indicate	Code indicating the title or contents of a document, report or supporting item			
			SF	Contract Security Classification Specif	icatio	n	
	SPI09	786	Security Le	vel Code	O	ID 2/2	
			information				
				ate the facility clearance level required for the	awara	t instrument.	
			92	Government Confidential			
			93	Government Secret			
			94	Government Top Secret			
Not Used	SPI10	559	Agency Qua	alifier Code	O	ID 2/2	
			Code identif	fying the agency assigning the code values			
Not Used	SPI11	822	Source Sub	qualifier	0	AN 1/15	
			A reference	that indicates the table or text maintained by the	Sour	ce Qualifier	
Not Used	SPI12	554	Assigned N	umber	O	N0 1/6	
			Number assi	igned for differentiation within a transaction set			
Not Used	SPI13	1322	Certification	n Type Code	O	ID 1/1	
			Code indicat	ting the type of certification			
Not Used	SPI14	1401	Proposal Da	ata Detail Identifier Code	O	ID 1/3	
			Code identif	fying the basis of a cited value in a proposal			
Not Used	SPI15	1005	Hierarchica	al Structure Code	0	ID 4/4	
				ting the hierarchical application structure of a tr HL segment to define the structure of the transac			

Segment: REF Reference Identification

Position: 460

Loop: SPI Optional

Level: Heading Usage: Optional

Max Use: 5

Notes:

Purpose: To specify identifying information

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

If either C04003 or C04004 is present, then the other is required.
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.

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

	Ref.	Data	Data Elem	ent Summary		
	Des.	Element	Name		Aftı	ributes
M	REF01	128	Reference Identific	cation Qualifier	M	ID 2/3
			Code qualifying the	Reference Identification		
			3X	Subcontract Number		
			KS	Solicitation		
			YB	Revision Number		
				When SP107 is code 04, use to indicate number of the Contract Security Class. Specification.	ificat	ion
	REF02	127	Reference Identific		X	AN 1/30
				ion as defined for a particular Transaction ference Identification Qualifier	a Set	or as
Not Used	REF03	352	Description		X	AN 1/80
			A free-form descrip	tion to clarify the related data elements a	nd the	eir content
Not Used	REF04	C040	Reference Identifie	er	O	
			To identify one or r specified by the Ref	nore reference numbers or identification reference Qualifier	numb	ers as
Not Used	C04001	128	Reference Identific	cation Qualifier	\mathbf{M}	ID 2/3
			Code qualifying the	Reference Identification		
Not Used	C04002	127	Reference Identific	cation	\mathbf{M}	AN 1/30
				ion as defined for a particular Transaction ference Identification Qualifier	n Set	or as
Not Used	C04003	128	Reference Identific	cation Qualifier	X	ID 2/3
			Code qualifying the	Reference Identification		
Not Used	C04004	127	Reference Identific	cation	X	AN 1/30
				ion as defined for a particular Transaction ference Identification Qualifier	ı Set	or as
Not Used	C04005	128	Reference Identific	cation Qualifier	X	ID 2/3
			Code qualifying the	Reference Identification		
Not Used	C04006	127	Reference Identific	cation	X	AN 1/30
				ion as defined for a particular Transaction ference Identification Qualifier	n Set	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.

	Ref.	Data		,		
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ributes</u>
M	DTM01	374	Date/Time Qualifi	er	\mathbf{M}	ID 3/3
			Code specifying typ	be of date or time, or both date and time		
			036	Expiration		
				When SPI02 is code CT, use to indicate	e the	expiration
				date of the award instrument.		
			165	Final Issue		
				When SPI07 is code 20, use to indicate		
			171	final Contract Security Classification	Specij	fication.
			171	Revision	. 41	1
				When SP107 is code 04, use to indicate revised Contract Security Classificatio		•
			334	Re-evaluation Date	n spe	cijicanon.
			334	Use to indicate the biennial review dat	te of t	he Contract
				Security Classification Specification.	c oj u	ne Continuet
			703	Retransmission Time Stamp		
				When SPI07 is code 00, use to indicate	e the a	date of the
				original Contract Security Classification	on Sp	ecification.
	DTM02	373	Date		\mathbf{X}	DT 8/8
			Date expressed as C	CCYYMMDD		
Not Used	DTM03	337	Time		\mathbf{X}	TM 4/8
			Time expressed in 2	24-hour clock time as follows: HHMM, o	r HHI	MMSS, or
				HMMSSDD, where $H = hours$ (00-23), M		
			, .	onds $(00-59)$ and $DD = decimal seconds;$		
Not Used	DTM04	623	Time Code	lows: $D = tenths (0-9)$ and $DD = hundred$	itns (C	ID 2/2
Not Oseu	DIMU	023		e time. In accordance with International S	_	
				ard 8601, time can be specified by a + or		
			_	to Universal Time Coordinate (UTC) tim		
				, + and - are substituted by P and M in the		
Not Used	DTM05	1250	Date Time Period	Format Qualifier	X	ID 2/3
			Code indicating the	date format, time format, or date and time	e forr	nat
Not Used	DTM06	1251	Date Time Period		X	AN 1/35
			Expression of a date	e, a time, or range of dates, times or dates	and t	imes

MSG Message Text **Segment:**

480 **Position:**

> 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: If MSG03 is present, then MSG02 is required.

Semantic Notes: MSG03 is the number of lines to advance before printing.

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

If MSG02 is "AA - Advance the specified number of lines before print" then MSG03

is required.

1. Use this segment to provide information applicable to the Contract Security **Notes:**

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	<u>Name</u>	Attr	<u>ibutes</u>
M	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	\mathbf{X}	ID 2/2
			A field to be used for the control of the line feed of the receive	ing p	rinter
Not Used	MSG03	1470	Number	O	N0 1/9
			A generic number		

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.

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 Classification Specification (DD Form 254). Persons affiliated with organizations may be identified in the 1/G61/540 segment.

2. The addresses cited in this loop are applicable to the Contract Security Classification Specification.

3. If the address is an FPO or APO, use the appropriate code in N101, cite FPO or APO in N102 and in N401, cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N402, and cite the zip code in N403.

M	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	Name Entity Identifier Co	ode Attributes M ID 2/3
			Code identifying an individual	organizational entity, a physical location, property or an
			28	Subcontractor
			61	Performed At
				Use to indicate the actual place of performance.
			B2	Other Unlisted Type of Organizational Entity
				Use to indicate an unlisted entity to whom distribution of the Contract Security Classification Specification is to be made.
			C4	Contract Administration Office
			K1	Contractor Cognizant Security Office
			K2	Subcontractor Cognizant Security Office
			K3	Place of Performance Cognizant Security Office
			K4	Party Authorizing Release of Security Information
			K5	Party To Receive Contract Security Classification Specification
			KG	Project Manager
				Use to indicate the party responsible for a project to include the advisor under a Grant.
			KI	United States Overseas Security Administration Office
			OI	Outside Inspection Agency
				Use to indicate another entity that has inspection responsibilities.
			PG	Prime Contractor
			PV	Party performing certification

Not Rec.	N102	93	Name		X	AN 1/60
			Free-form name			
	N103	66	Identification Cod	le Qualifier	\mathbf{X}	ID 1/2
			Code (67)	he system/method of code structure used: D-U-N-S Number, Dun & Bradstreet	for Id	entification
			1			<i>C</i> 1
				Use of the DUNS or DUNS+4 number over other codes to identify an entity.	is pr	eferred
			9	D-U-N-S+4, D-U-N-S Number with Fo	ur Ch	aracter
				Use of the DUNS or DUNS+4 number over other codes to identify an entity.	is pr	eferred
			10	Department of Defense Activity Addre (DODAAC)	ss Co	de
				Use to indicate a Department of Defendance Activity Address Code.	se or	Civilian
			33	Commercial and Government Entity (C	AGE)
	N104	67	Identification Cod	le	\mathbf{X}	AN 2/80
			Code identifying a	party or other code		
Not Used	N105	706	Entity Relationshi	ip Code	O	ID 2/2
			Code describing en	ntity relationship		
Not Used	N106	98	Entity Identifier C	Code	O	ID 2/3
			Code identifying an individual	n organizational entity, a physical location	n, pro	perty or an

Segment: N2 Additional Name Information

Position: 500

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

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

Syntax Notes: Semantic Notes:

Comments:

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

Segment: N3 Address Information

Position: 510

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes: Semantic Notes:

Comments:

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

Segment: N4 Geographic Location

Position: 520

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use:

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.

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

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

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.

	Ref.	Data		•		
	Des.	Element	<u>Name</u>			<u>ributes</u>
M	G6101	366	Contact Function			ID 2/2
			Code identifying the	he major duty or responsibility of the perso	on or	group named
			CE	Certifier		
			PP	Program Manager		
M	G6102	93	Name		M	AN 1/60
			Free-form name			
				name of a point of contact. Last name, j		
				l. If the whole name is longer than 35 ch		
			party's title or offi	first name is recommended. G6105 may l ice symbol	e use	ea to cite the
	G6103	365	Communication N	•	X	ID 2/2
				he type of communication number		
			AU	Defense Switched Network		
			EM	Electronic Mail		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
				Use to indicate the commercial telepho	ne ni	umber of
				the individual cited in PER02. Include	e the c	
	G6104	364	Communication 1	Number	X	AN 1/80
			applicable	nications number including country or area		
				r than those associated with code EM, sh		
				umber with no extraneous characters. If		
				phone number, concatenate the letter X plumber, e.g., 17035551212X123.	us in	e extension
	G6105	443	Contact In quiry I	•	О	AN 1/20
				ce number or description to clarify a conta	ct nu	mber
				title or the office symbol of the party cite		

MSG Message Text **Segment:**

Position:

Loop: N1 Optional

Level: Heading **Usage:** Optional Max Use: 50

Purpose: To provide a free-form format that allows the transmission of text information

Syntax Notes: If MSG03 is present, then MSG02 is required.

Semantic Notes: MSG03 is the number of lines to advance before printing.

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

If MSG02 is "AA - Advance the specified number of lines before print" then MSG03

is required.

1. Use this segment to provide plain text information applicable to the entity cited in **Notes:**

the preceding N1 segment.

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	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
\mathbf{M}	MSG01	933	Free-Form Message Text	M	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	\mathbf{X}	ID 2/2
			A field to be used for the control of the line feed of the receiv	ing p	rinter
Not Used	MSG03	1470	Number	O	N0 1/9
			A generic number		

Segment: ${\bf CB1}$ Contract and Cost Accounting Standards Data

Position: 560

Loop: CB1 Optional

Level: Heading Usage: Optional

Max Use: 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 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 Elem	ent Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Attribu	
M	CB101	1309	Acquisition Data C		M I	D 2/2
			Code identifying ac	quisition data		
			18	Access to Communications Security In	formatio	n
				Required	_	
			19	Access to Communication Security Inf Required	formation	Not
			20	Access to Restricted Data Required		
			21	Access to Restricted Data Not Require	d	
			22	Access to Critical Nuclear Weapon De Required	sign Info	rmation
			23	Access to Critical Nuclear Weapon De Not Required	sign Info	rmation
			24	Access to Formerly Restricted Data Re	equired	
			25	Access to Formerly Restricted Data No	ot Require	ed
			26	Access to Sensitive Compartmented In	formatio	n Required
			27	Access to Sensitive Compartmented In Required	formatio	n Not
			28	Access to Non-sensitive Compartment Required	ed Inforn	nation
			29	Access to Non-sensitive Compartment Required	ed Inforn	nation Not
			30	Access to Special Access Information	Required	
			31	Access to Special Access Information	Not Requ	ired
			32	Access to North Atlantic Treaty Organ Required	ization Ir	nformation
			33	Access to North Atlantic Treaty Organ Not Required	ization Ir	nformation
			34	Access to Foreign Government Inform	ation Rec	quired
			35	Access to Foreign Government Inform	ation Not	Required
			36	Access to Limited Dissemination Infor	mation R	equired
			37	Access to Limited Dissemination Infor Required	rmation N	Vot
			38	Access to For Official Use Only Inform	nation Re	equired
			39	Access to For Official Use Only Information Required		•
			40	Access to Other Type of Information R	Required	
			41	Access to Other Type of Information N	_	red

42	Contractor Will Have Access to United States Classified Information at another Contractor's Facility or a
	Government Activity
43	Contractor Will Not Have Access to United States
	Classified Information at another Contractor's Facility or a
	Government Activity
44	Contractor Will Receive Classified Documents Only
45	Contractor Will Not Receive Classified Documents Only
46	Contractor Will Receive or Generate Classified Material
47	Contractor Will Not Receive or Generate Classified Material
48	Contractor Will Fabricate, Modify, or Store Classified Hardware
49	Contractor Will Not Fabricate, Modify, or Store Classified Hardware
50	Contractor Will Perform Services Only
51	Contractor Will Not Perform Services Only
	•
52	Contractor Will Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
53	Contractor Will Not Have Access to United States
	Classified Information outside the United States, Puerto
	Rico, United States Possessions and Trust Territories
54	Contractor Will Be Authorized to use the Services of
	Defense Technical Information Center or other Secondary
	Distribution Center
55	Contractor Will Not Be Authorized to use the Services of Defense Technical Information Center or other Secondary
5 6	Distribution Center
56	Contractor Will Require a Communications Security Account
57	Contractor Will Not Require a Communications 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 Courier Service
64	Contractor Will Have some other Authorization in the
65	Performance of the Contract Contractor Will Not Have some other Authorization in the
03	Performance of the Contract
66	Facility Clearance Required
67	Facility Clearance Not Required
68	Follow-on Contract
	Not a Follow-on Contract
69	
70	Final Contract Security Classification Specification
71	Not a Final Contract Security Classification Specification
72	Direct Public Release Authorized
73	Direct Public Release Not Authorized
74	Additional Materials being Forwarded

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

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

Purpose: To specify identifying information

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

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

Use this segment to provide reference numbers associated with access information contained in the Contract Security Classification Specification (DD Form 254).

	Data Element Summary						
M	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identific	cation Qualifier	<u>Attr</u> M	ibutes ID 2/3	
				Reference Identification			
			43	Supporting Document Number			
				Use to indicate a reference (paragraph section) that contains additional inforapplicable to the DD Form 254. Cite to REF02 and identify the document in 1	mation he ref	n Terence in	
			KL	Contract Reference			
				Use to indicate a clause in the award i contains additional security requireme inspection requirements.			
			KU	Office Symbol			
				When CB101 is code 90, use to indicate symbol to which additional distribution Security Classification Specification (required.	n of th	ne Contract	
			P1	Previous Contract Number			
				When CB101 is code 68, use to indica procurement instrument number unde	r whic		
	REF02	127	Reference Identific	classified data was received or general	tea. X	AN 1/30	
	KLI 02	127		ion as defined for a particular Transactio			
				ference Identification Qualifier		51 4 5	
	REF03	352	Description		X	AN 1/80	
				tion to clarify the related data elements a			
			paragraph number	code 43, use to identify the document the or section where the applicable information context is discouraged if the information context.	ation i	s located.	
		~~.		within the transaction set.			
Not Used	REF04	C040	Reference Identific		0		
			specified by the Ref	nore reference numbers or identification ference Qualifier	numb	ers as	
Not Used	C04001	128	Reference Identific	~	M	ID 2/3	
				Reference Identification			
Not Used	C04002	127	Reference Identific		M	AN 1/30	
			Reference informat	ion as defined for a particular Transactio	n Set o	or as	
004010F850_2					26 De	ecember 2002	

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	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	tion Set	or as
Not Used	C04005	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	tion Set	or as

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.

If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

	Ref.	Data	Dutu Lien	icht Summury		
	Des.	Element	<u>Name</u>		Attr	<u>ibutes</u>
M	DTM01	374	Date/Time Qualif	ier	M	ID 3/3
			Code specifying ty	pe of date or time, or both date and time		
			992	Date Requested		
				When CB101 is code 70, use to indicat contractor's request to retain classified		
	DTM02	373	Date		X	DT 8/8
			Date expressed as	CCYYMMDD		
Not Used	DTM03	337	Time		\mathbf{X}	TM 4/8
Not Used	DTM04	623	HHMMSSD, or HI 59), S = integer sec	24-hour clock time as follows: HHMM, or HMMSSDD, where H = hours (00-23), M conds (00-59) and DD = decimal seconds; llows: D = tenths (0-9) and DD = hundred	= mir decin	nutes (00- nal seconds
Not Used	DTM05	1250	Organization stand in hours in relation restricted character	ne time. In accordance with International S ard 8601, time can be specified by a + or - to Universal Time Coordinate (UTC) time , + and - are substituted by P and M in the Format Qualifier	and a	an indication ce + is a
				e date format, time format, or date and time	e forn	nat
Not Used	DTM06	1251	Date Time Period		X	AN 1/35
			Expression of a dat	te, a time, or range of dates, times or dates	and t	imes

Segment: LDT Lead Time

Position: 590

Loop: CB1 Optional

Level: Heading Usage: Optional

Max Use:

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

Syntax Notes:

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

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

			2 2			
	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ributes</u>
M	LDT01	345	Lead Time Code		\mathbf{M}	ID 2/2
			Code indicating the	time range		
			BA	From Date of Award to Expiration Date	of A	uthorization
				Use to indicate the authorized period f to retain classified materials.	or a c	ontractor
M	LDT02	380	Quantity		\mathbf{M}	R 1/15
			Numeric value of q	uantity		
M	LDT03	344	Unit of Time Perio	d or Interval	M	ID 2/2
			Code indicating the	time period or interval		
			CY	Calendar Year		
			DA	Calendar Days		
			MO	Month		
			WK	Weeks		
Not Used	LDT04	373	Date		O	DT 8/8
			Date expressed as C	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: 1. When CB101 is code 74, 76, or 78, use to provide additional clear text information.

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	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
M	MSG01	933	Free-Form Message Text	\mathbf{M}	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	rinter
Not Used	MSG03	1470	Number	O	N0 1/9
			A generic number		

	\mathbf{D}	1	
Segment:	ru	1	Baseline Item Data

Position: 010

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use:

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

Syntax Notes: 1 If PO103 is present, then PO102 is required.

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

Semantic Notes:

Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

1. Use this PO1 loop to identify all information applicable to the line item or service being awarded.

2. In those rare instances where Table 2 information is not required, e.g., if an Agreement has no detail information, only PO101 is required to be transmitted. In that instance, cite the word "NONE" in PO101.

Data Element Summary

Ref.	Data	·		
Des.	Element	<u>Name</u>	Attr	<u>ibutes</u>
PO101	350	Assigned Identification	O	AN 1/20
		Alphanumeric characters assigned for differentiation within a	a trans	saction set
		1. Use to identify the Contract Line Item Number (CLIN), t Line Item Number (SUBCLIN), or the Exhibit Line Item None is assigned.		
		2. If Table 2 data is not required, Cite the word "NONE".		
PO102	330	Quantity Ordered	X	R 1/15
		Quantity ordered		
		1. Use to specify the quantity applicable to the line item. Stequantities applicable to requirements or indefinite quantity instruments and the related prices are carried in the 2/CTP. 2. Do not use this data element at the CLIN level if quantities.	awar 2/040 s	ed segment.
		the SUBCLIN level.		1 3
PO103	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	d, or n	nanner in
		1. Use any code.		
		2. Do not use this data element at the CLIN level if quantitithe SUBCLIN level.	ies ar	e specified at

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.

PO104 212 Unit Price

X R 1/17

Price per unit of product, service, commodity, etc.

- 1. When PO105 is either code NC, NS, or TB, enter the number 0.
- 2. For IDC and similar award instruments, the unit price shall be based on standard commercial packaging.
- 3. For IDC and similar award instruments that include zone pricing, this data element shall not be used. The unit price applicable to the individual zone shall be cited in the CTP segment.
- 4. When CUR01 in the 1/CUR/040 or the 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.

PO105 639 Basis of Unit Price Code

O ID 2/2

Code identifying the type of unit price for an item

ES Estimated
FB Fabrication Cost

Use to indicate the price includes the incorporation of Government Furnished Property (GFP) into the item.

KA Price with Government Furnished Property

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 Not to Exceed
NS 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.

TB To be negotiated.

PO106 235 Product/Service ID Qualifier

X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

- 1. PO106 through PO125 are used in pairs, e.g., PO106 contains a qualifier code and PO107 contains data related to the code.
- 2. Any code, other than code A8, can be used, but the listed codes are preferred.

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.

KA Engineering Data List

Use to indicate the Engineering Data List that contains technical information related to the CLIN or SUBCLIN.

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

KG Time Compliant Technical Order

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

MF Manufacturer

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

MG Manufacturer's Part Number

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

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 REF segment with code RS.

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)

UI U.P.C. Consumer Package Code (1-5-5)

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.

ZB Commercial and Government Entity (CAGE) Code

Use to indicate a manufacturer who can be identified by a CAGE code.

ZZ Mutually Defined

Use to indicate a miscellaneous charge, e.g., transportation, insurance, warranty, taxes, etc. Cite "Misc. Charge" in the following 234 data element and identify the purpose of the charge using an appropriate code in SAC02 of the 2/SAC/130 segment. Miscellaneous charges, other than transportation charges, may be grouped in a single CLIN/SUBCLIN provided they are all funded by the same CIN. Transportation charges MUST be a separate CLIN/SUBCLIN.

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

26 December 2002

Code identifying the type/source of the descriptive number used in

		Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable cod	e val	nes
PO109	234	Product/Service ID	X	AN 1/48
1010)	234	Identifying number for a product or service	2 L	1111 1/40
PO110	235	Product/Service ID Qualifier	X	ID 2/2
10110	233	Code identifying the type/source of the descriptive number us		
		Product/Service ID (234)	cu III	
		Refer to 004010 Data Element Dictionary for acceptable code	valu	ies.
PO111	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
PO112	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
		Code identifying the type/source of the descriptive number us Product/Service ID (234)		
		Refer to 004010 Data Element Dictionary for acceptable code	valu	ies.
PO113	234	Product/Service ID	\mathbf{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 us	ed in	
		Product/Service ID (234) Pafer to 004010 Date Florent Dictionary for accordable code	violi	105
PO115	234	Refer to 004010 Data Element Dictionary for acceptable code Product/Service ID	X	AN 1/48
10113	234	Identifying number for a product or service	Λ	AN 1/40
PO116	235	Product/Service ID Qualifier	X	ID 2/2
10110	233	Code identifying the type/source of the descriptive number us		
		Product/Service ID (234)	cu III	
		Refer to 004010 Data Element Dictionary for acceptable code	valu	ies.
PO117	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
PO118	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
		Code identifying the type/source of the descriptive number us Product/Service ID (234)		
DO110	224	Refer to 004010 Data Element Dictionary for acceptable code		
PO119	234	Product/Service ID	X	AN 1/48
DO120	225	Identifying number for a product or service	X	ID 2/2
PO120	235	Product/Service ID Qualifier		ID 2/2
		Code identifying the type/source of the descriptive number us Product/Service ID (234)	ea m	
		Refer to 004010 Data Element Dictionary for acceptable code	valu	ies.
PO121	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
PO122	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number us Product/Service ID (234)		
DO144	224	Refer to 004010 Data Element Dictionary for acceptable code		
PO123	234	Product/Service ID	X	AN 1/48
D0101	225	Identifying number for a product or service	T 7	TD 0/0
PO124	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number us Product/Service ID (234)	ea in	
		Refer to 004010 Data Element Dictionary for acceptable code	valu	ies.
PO125	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

LIN Item Identification **Segment:**

Position: 015

> Loop: PO1 Mandatory

Level: Detail **Usage: Optional** Max Use: >1

Purpose: To specify basic item identification data

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

- If either LIN06 or LIN07 is present, then the other is required.
- If either LIN08 or LIN09 is present, then the other is required. 3
- If either LIN10 or LIN11 is present, then the other is required.
- If either LIN12 or LIN13 is present, then the other is required.
- If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- If either LIN18 or LIN19 is present, then the other is required.
- If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- If either LIN24 or LIN25 is present, then the other is required. 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: Comments:

- LIN01 is the line item identification
- See the Data Dictionary for a complete list of IDs.
- 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 provide additional qualifier codes that further identify the product

or service.

			Data Element Summary		
Not Used	Ref. <u>Des.</u> LIN01	Data Element 350	Name Assigned Identification	Attri O	ibutes AN 1/20
			Alphanumeric characters assigned for differentiation within a	a trans	saction set
M	LIN02	235	Product/Service ID Qualifier	M	ID 2/2
			Code identifying the type/source of the descriptive number u Product/Service ID (234)		
			1. LIN02 through LIN31 are used in pairs, e.g., LIN02 contains data related to the code.	tains (a qualifier
			2. Any code other than code A8, EF, KB, and ZZ can be use codes are preferred.	ed, bu	t the listed
			AK Refined Product Code BL Brand/Label		
			Use to indicate the product's brand or model name, e.g., $Triber$ brand name for a TV or computer monitor	nitroi	n is the Sony
			CG Commodity Grouping Use to indicate a commodity code, e.g., the 2 position Feder code.	al Su	pply Group
			CH Country of Origin Code When used, cite the two position ISO 3166 country code in data element.	the fo	ollowing 234

CL Color

DG Discount Grouping

Use to indicate a discount group to which the line item pertains.

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.

KA Engineering Data List

Use to indicate the Engineering Data List that contains technical information related to the CLIN or SUBCLIN.

KD Replacement National Stock Number

KF Item Type Number

KG Time Compliant Technical Order

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

MF Manufacturer

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

MG Manufacturer's Part Number

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

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 REF segment with code RS.

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)

UI U.P.C. Consumer Package Code (1-5-5)

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.

ZB Commercial and Government Entity (CAGE) Code

Use to indicate a manufacturer who can be identified by a CAGE code.

Refer to 004010 Data Element Dictionary for acceptable code values.

M LIN03 234 Product/Service ID M AN 1/48

Identifying number for a product or service

LIN04 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.

LIN05 234 Product/Service ID X AN 1/48
Identifying number for a product or service

LIN06 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.

LIN07 234 Product/Service ID X AN 1/48

Identifying number for a product or service

LIN08 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.

LIN09 234 Product/Service ID X AN 1/48

Identifying number for a product or service

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LIN10	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234)	used in	1
		Refer to 004010 Data Element Dictionary for acceptable co	de val	ues.
LIN11	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
LIN12	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number	used in	1
		Product/Service ID (234)		
T T3/1/2	224	Refer to 004010 Data Element Dictionary for acceptable co		
LIN13	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
LIN14	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234)		
T 1N11 5	224	Refer to 004010 Data Element Dictionary for acceptable co		
LIN15	234	Product/Service ID	X	AN 1/48
I INI	225	Identifying number for a product or service Product/Service ID Qualifier	v	ID 2/2
LIN16	235	~	X	
		Code identifying the type/source of the descriptive number Product/Service ID (234)	used 11	1
		Refer to 004010 Data Element Dictionary for acceptable co	de val	ues.
LIN17	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
LIN18	235	Product/Service ID Qualifier	X	ID 2/2
211(10	200	Code identifying the type/source of the descriptive number		
		Product/Service ID (234)		
		Refer to 004010 Data Element Dictionary for acceptable co	de val	ues.
LIN19	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
LIN20	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
		Code identifying the type/source of the descriptive number	used in	ı
		Product/Service ID (234)		
T T3.10.1	•••	Refer to 004010 Data Element Dictionary for acceptable co		
LIN21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
LIN22	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number	used in	1
		Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable co	de vali	ues
LIN23	234	Product/Service ID	X	AN 1/48
L11\23	234	Identifying number for a product or service	А	AN 1/40
LIN24	235	Product/Service ID Qualifier	X	ID 2/2
LINZT	233	Code identifying the type/source of the descriptive number		
		Product/Service ID (234)	useu II	1
		Refer to 004010 Data Element Dictionary for acceptable co	de val	ues.
LIN25	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
LIN26	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number		
		Product/Service ID (234)		
		Refer to 004010 Data Element Dictionary for acceptable co	de val	ues.

LIN27	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
LIN28	235	Product/Service ID Qualifier	\mathbf{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 code		
LIN29	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
LIN30	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
		Code identifying the type/source of the descriptive number u Product/Service ID (234)	ised i	n
		Refer to 004010 Data Element Dictionary for acceptable coo	le val	ues.
LIN31	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		

Segment: CUR Currency

Position: 020

Loop: PO1 Mandatory

Level: Detail Usage: Optional

Max Use: 1 Purpose: T

Syntax Notes:

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

1 If CUR08 is present, then CUR07 is required.

- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
 5 If CUR12 is present, then CUR10 is required.
- **6** If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- **8** If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes: Comments:

Notes:

- 1 See Figures Appendix for examples detailing the use of the CUR segment.
- 1. Use this segment to identify the foreign currency in which the monetary values for the line item are stated. The default currency is always US dollars. Do not use this segment when the line item monetary values are stated in US dollars. (Note: DoD applications always cite US dollars in the 2/AMT/600 segment when AMT01 is code KC).
- 2. When the line item monetary values are in a foreign currency, use also to identify the exchange rate between US dollars and the foreign currency.
- 3. This segment also may be used to identify the foreign currency in which payment for the line item is to be made, if the currency is different that the currency in which the entire award instrument is issued or in which the line item monetary values are stated.
- 4. Both this segment and the 1/CUR/040 segment may be present in the transaction set under the following conditions: 1. When the entire award instrument is issued in a foreign currency but line items are to be paid in a different foreign currency, or 2. When payment for all of the line items is to be made in one foreign currency but monetary values for some line items are stated in a different foreign currency.

Data Element Summary

M	Ref. <u>Des.</u> CUR01	Data Element 98	Name Entity Identifier C	ode	Attributes M ID 2/3				
			Code identifying an individual	organizational entity, a physical location	n, property or an				
			BY	Buying Party (Purchaser)					
				Use to indicate the currency identified in CUR6 currency in which monetary values for the line are stated.					
			PR	Payer					
				Use to indicate the currency identified currency in which payment for the line authorized and will be made.					

M	CUR02	100	Currency Code		M	ID 3/3
				SO) for country in whose currency the char	-	_
			• •	e currency applicable to the code cited in	CUR	
	CUR03	280	Exchange Rate		O	R 4/10
				as a multiplier conversion factor to convert	mone	etary value
			from one currenc	y to another code BY, use to identify the exchange rate	hatw	aan IIC
				urrency in which line item monetary value		
	CUR04	98	Entity Identifier		0	ID 2/3
				an organizational entity, a physical location	n, pro	perty or an
			individual			. •
			PR	Payer		
				Use to indicate the currency identified currency in which payment for the line		
	CTTD 0.5	400		authorized and will be made.		TD 0/0
	CUR05	100	Currency Code		O	ID 3/3
				SO) for country in whose currency the char	_	
			made.	e currency in which payment is authorize		
Not Used	CUR06	669	Currency Marke	et/Exchange Code	O	ID 3/3
				the market upon which the currency excha	_	
Not Used	CUR07	374	Date/Time Qual		X	ID 3/3
			Code specifying t	ype of date or time, or both date and time		
Not Used	CUR08	373	Date		O	DT 8/8
			Date expressed as	S CCYYMMDD		
Not Used	CUR09	337	Time		O	TM 4/8
			-	1 24-hour clock time as follows: HHMM, o		
				HHMMSSDD, where $H = hours$ (00-23), M econds (00-59) and $DD = decimal$ seconds:		
				Follows: $D = tenths$ (0-9) and $DD = hundred$		
Not Used	CUR10	374	Date/Time Quali		X	ID 3/3
			Code specifying t	ype of date or time, or both date and time		
Not Used	CUR11	373	Date		X	DT 8/8
			Date expressed as	s CCYYMMDD		
Not Used	CUR12	337	Time		\mathbf{X}	TM 4/8
				n 24-hour clock time as follows: HHMM, o		
				HHMMSSDD, where $H = hours (00-23)$, M		
			_	econds (00-59) and DD = decimal seconds; follows: D = tenths (0-9) and DD = hundred		
Not Used	CUR13	374	Date/Time Quali		инз ((Х	ID 3/3
				ype of date or time, or both date and time		
Not Used	CUR14	373	Date		X	DT 8/8
			Date expressed as	s CCYYMMDD		
Not Used	CUR15	337	Time		X	TM 4/8
			Time expressed in	24-hour clock time as follows: HHMM, o	or HH	MMSS, or
				HHMMSSDD, where $H = hours$ (00-23), M		
				econds (00-59) and DD = decimal seconds: $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left($		
Not Used	CUR16	374	are expressed as f Date/Time Qual	follows: D = tenths (0-9) and DD = hundred	iths ((X)()-99) ID 3/3
1101 USEU	COMIO	314	_	ype of date or time, or both date and time	A	110 3/3
Not Used	CUR17	373	Date	ype of date of time, of both date and time	X	DT 8/8
1101 OSCU	CORI	313	Date expressed as	CCYYMMDD	A	D1 0/0
Not Used	CUR18	337	Time		X	TM 4/8
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00-10101-050				120	20 D	

			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 = hundred	lths ((00-99)	
Not Used	CUR19	374	Date/Time Qualifier	\mathbf{X}	ID 3/3	
			Code specifying type of date or time, or both date and time			
Not Used	CUR20	373	Date	\mathbf{X}	DT 8/8	
			Date expressed as CCYYMMDD			
Not Used	CUR21	337	Time	\mathbf{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)			

CN1 Contract Information **Segment:**

Position:

Loop: PO1 Mandatory

Level: Detail **Usage:** Optional Max Use:

Purpose:

To specify basic data about the contract or contract line item

Syntax Notes:

Semantic Notes: CN102 is the contract amount.

CN103 is the allowance or charge percent.

CN104 is the contract code.

CN106 is an additional identifying number for the contract.

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 Elem	ent Summary		
M	Ref. <u>Des.</u> CN101	Data <u>Element</u> 1166	Name Contract Type Cod	le		ibutes ID 2/2
			Code identifying a	contract type		
			CA	Cost Plus Incentive Fee (With Performan	nce I	ncentives)
			СН	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 Incentive)	Perf	ormance
			FC	Fixed Price Incentive Firm Target (With Incentive)	out P	Performance
			FD	Fixed Price Redetermination		
				Use to indicate a prospective fixed price redetermination award line item.	?	
			FF	Fixed Price Incentive Successive Target Performance Incentive)	(Wit	th
			FG	Fixed Price Incentive Successive Target Performance Incentive)	(Wit	thout
			FH	Fixed Price Award Fee		
			FJ	Fixed Price Level of Effort		
			FK	No Cost		
			FM	Retroactive Fixed Price Redetermination	l	
			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		O	R 1/18
			Monetary amount			
Not Used	CN103	332	Percent		0	R 1/6
			Percent expressed a	s a percent		

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Not Used	CN104	127	Reference Identification	O	AN 1/30	
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		or as	
Not Used	CN105	338	Terms Discount Percent	O	R 1/6	
			Terms discount percentage, expressed as a percent, available to the purchas an invoice is paid on or before the Terms Discount Due Date			
Not Used	CN106	799	Version Identifier	O	AN 1/30	
			Revision level of a particular format, program, technique or a	algori	ithm	

PO3 Additional Item Detail **Segment:** 030 **Position:** PO1 Loop: Mandatory Level: Detail

Usage: Optional Max Use: 25

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

structure

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

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

PO307 defines the unit of measure for PO306.

Use this segment to provide additional information applicable to the CLIN, SUBCLIN, **Notes:**

or ELIN specified in PO101.

			Data Elen	nent Summary		
M	Ref. <u>Des.</u> PO301	Data Element 371	Name Change Reason C	ode	Attr M	ributes ID 2/2
			Code specifying th	e reason for price or quantity change		
			AQ	Alternate Quantity and Unit of Measure	;	
				Use to indicate that the CLIN, SUBCL	IN, o	r ELIN has
			EV	alternate quantity and unit of measure could cite 10,000 LB and PO306/07 co Both quantities and units of measure of the item being purchased - steel plates,	uld ci are ap	ite 10 SH.
			EV	Estimated Quantity	INIC	IIIDCI IN
				Use to indicate the quantity for the CL or ELIN cited in PO101 is an estimate.		
Not Used	PO302	373	Date		O	DT 8/8
			Date expressed as			
Not Used	PO303	236	Price Identifier Co		X	ID 3/3
				ricing specification		
Not Used	PO304	212	Unit Price		O	R 1/17
			Price per unit of pr	oduct, service, commodity, etc.		
Not Used	PO305	639	Basis of Unit Price	e Code	X	ID 2/2
			Code identifying the	ne type of unit price for an item		
M	PO306	380	Quantity		M	R 1/15
			Numeric value of c	quantity		
			Due to the mandat repeat the quantity	tory nature of this data element, when PC v cited in PO102.)301 i	is code EV,
\mathbf{M}	PO307	355	Unit or Basis for I	Measurement Code	M	ID 2/2
				e units in which a value is being expressed	d, or r	nanner in
			which a measurem			
			1. Use any code oti	her than code ZZ.		
				datory nature of this data element, when to the factor of measure cited in PO103.	PO30	1 is code
			3. An application pagency codes to A.	program conversion table may be require SC X12 codes.	ed to c	convert
			004010 Data Elem	nent Dictionary for acceptable code values	.	
Not Used	PO308	352	Description		O	AN 1/80
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A free-form description to clarify the related data elements and their content

CTP Pricing Information **Segment:**

Position:

Loop: **CTP** Optional

Level: Detail **Usage: Optional** 1

Max Use:

Purpose: To specify pricing information

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

- If CTP06 is present, then CTP07 is required. If CTP09 is present, then CTP02 is required. 3 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

Semantic Notes: CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90

> would be the factor if a 10% discount is given. CTP08 is the rebate amount.

Comments: See Figures Appendix for an example detailing the use of CTP03 and CTP04.

See Figures Appendix for an example detailing the use of CTP03, CTP04 and

1. Use this segment to specify various prices for the CLIN, SUBCLIN, or ELIN cited in **Notes:**

PO101 for a basic award instrument, e.g., requirements, indefinite quantity, etc. These include prices for a step ladder quantities or for delivery to various geographic

locations (zones).

2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31-50:

CTP**PBQ**1*EA n/l CTP**ICL*25.00*10*EA n/l CTP**ICL*24.50*20*EA n/l CTP**ICL*23.50*30*EA n/l CTP**MAX*22.00*50*EA n/l

Data Element Summary

Not Used	Ref. <u>Des.</u> CTP01	Data <u>Element</u> 687	Name Class of Trade Code	Attr O	ributes ID 2/2
			Code indicating class of trade		
	CTP02	236	Price Identifier Code	X	ID 3/3
			Code identifying pricing specification		
			Use to identify the different prices for a line item.		

ICL Unit Price Through Quantity

- 1. Use to indicate the end of a quantity range applicable to step ladder pricing.
- 2. Use in conjunction with codes PBQ 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.

LPP Lease to Purchase Price

MAX Maximum Order Quantity Price

> 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 PBO for

CTP03

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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.

PAQ Price Break Quantity(s)

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

PBQ 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.

RPP Replacement Price

Use to indicate the acquisition cost to replace the item identified in the 2/PO1/010 segment being repaired or overhauled.

SPC 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, identify the authorizing party either in the 1/PER/360 or 2/PER/110 segment citing code 1A in PER01 and provide a special price authorization number either in the 1/REF/350 or 2/REF/100 segment citing code 9B in REF01.
- 3. DO NOT use CTP03 when this code is used.

ZNP 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.

 \mathbf{X}

R 1/17

Duit a compared of the state of

Unit Price

Price per unit of product, service, commodity, etc.

When CUR01 in the 1/CUR/040 or the 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.

CTP04 380 Quantity X R 1/15

Numeric value of quantity

CTP05 C001 Composite Unit of Measure X

To identify a composite unit of measure (See Figures Appendix for examples of use)

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken I. Use any code other than code ZZ. 2. A conversion table may be required to convert agency codes to ASC X12 codes. Odd 10 Data Element Dictionary for acceptable code values.	M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
					l, or i	manner in
				2 4		4- ACC V12
Not Used C00102 1018 Power to which a unit is raised Power to which a unit is raised Power to which a unit is raised O R 1/10 Power to which a unit is raised Not Used C00103 649 Multiplier Value to be used as a multiplier to obtain a new value O D D 2/2 Power to which a unit is in which a value is being expressed, or manner in which a measurement has been taken Not Used C00105 Power to which a unit is raised O R 1/10 Power to which a unit is raised Not Used C00107 Power to which a unit is raised O R 1/10 Power to which a unit is raised Not Used C00107 Power to which a unit is raised O R 1/10 Power to which a unit is raised Not Used C00108 Power to which a walue is being expressed, or manner in which a measurement has been taken O R 1/10 Power to which a unit is raised Not Used C00109 Power to which a unit is raised O R 1/10 Power to which a unit is raised Not Used C00101 Power to which a unit is raised O R 1/10 Power to which a unit is raised Not Used C00110 Power to which a unit is raised O R 1/10 Power to which a unit is raised Not Used C00111 Power to which a unit is raised O R 1/15 Power to which a unit is raised Not Used C00112 Power to which a unit is raised O R 1/16 Power to which a unit is raised					odes i	to ASC X12
Not Used C00103				004010 Data Element Dictionary for acceptable code values		
Not Used C00103 649 Value to be used as a multiplier to obtain a new value 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 Exponent Power to which a unit is raised O R 1/15 Not Used C00106 649 Multiplier Value to be used as a multiplier to obtain a new value O R 1/10 Not Used C00107 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken O R 1/16 Not Used C00108 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken O R 1/16 Not Used C00109 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken O R 1/16 Not Used C00109 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken O ID 2/2 Not Used C00111 Code specifying the unit is in which a value is being expressed, or manner in which a measurement has been taken O ID 2/2 Not Used C00112 Code specifying the unit is in which a value is being expressed, or manner in which a measurement has been taken O R 1/16 Not Used C00112 Code specifying the unit is makich a value is being expressed, or manner in which a measurement has been taken	Not Used	C00102	1018	Exponent	O	R 1/15
Not Used C00104 355 Unit or Basis for Measurement Code O ID 2/2				Power to which a unit is raised		
Not Used C00104 355 Unit or Basis for Measurement Code O ID 2/2 Code specifying the unit is in which a value is being expressed, or manner in which a measurement has been taken Not Used C00105 1018 Exponent Power to which a unit is raised O R 1/15 Not Used C00106 499 Multiplier Value to be used as a multiplier to obtain a new value O R 1/10 Not Used C00107 355 Unit or Basis for Measurement Code 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 power to which a unit is raised O R 1/15 Not Used C00109 449 Multiplier power to which a unit is raised O R 1/16 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 Exponent power to which a unit is raised O R 1/15 Not Used C00112 649 Multiplier power to which a unit is raised O <	Not Used	C00103	649	Multiplier	O	R 1/10
Not Used C00105 1018 Exponent Power to which a unit is raised Power to which a unit is in which a value is being expressed, or manner in which a measurement food Power to which a unit is raised				Value to be used as a multiplier to obtain a new value		
Not Used C00105 1018 Exponent Exponent Code	Not Used	C00104	355		_	
Not Used C00105 1018 Exponent power to which a unit is raised O R 1/15 Not Used C00106 649 Multiplier value to be used as a multiplier to obtain a new value O R 1/10 Not Used C00107 355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or machine in which a value is being expressed, or machine in a measurement has been taken O R 1/15 Not Used C00108 1018 Exponent Septical Power to which a unit is raised O R 1/10 Not Used C00109 649 Multiplier Value to be used as a multiplier to obtain a new value O In 1/10 Not Used C00111 1018 Exponent Sepcifying the units in which a value is being expressed, or machine in a measurement has been taken O R 1/15 Not Used C00111 1018 Exponent Sepcifying the units in which a value is being expressed, or machine in a measurement has been taken O R 1/10 Not Used C00113 355 Unit or Basis for Measurement Code Sepcifying the units in which a value is being expressed, or machine in a measurement has been taken O In 1/10 Not Used C00113 <t< th=""><th></th><th></th><th></th><th></th><th>l, or i</th><th>manner in</th></t<>					l, or i	manner in
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Code identifying the type of unit price for an item CTP10 499 Condition Value O AN 1/10 Identifies rate restrictions or provisions	Not Used	CTP09	639	•	O	ID 2/2
CTP10 499 Condition Value O AN 1/10 Identifies rate restrictions or provisions						
•		CTP10	499		0	AN 1/10
				Identifies rate restrictions or provisions		
When CTP02 is code ZNP, identify the applicable zone to which the price in				When CTP02 is code ZNP, identify the applicable zone to	vhich	the price in

CTP03 applies.

CTP11 289 Multiple Price Quantity

O 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 single item, e.g., 3 for \$10, identify the applicable quantity in this data element.

Segment: MEA Measurements

Position: 049

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: 40

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

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

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

- 2 If MEA05 is present, then MEA04 is required.3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: Comments:

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

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

Notes:

1. Use this segment to provide measurement information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.

2. This segment can be used to specify the variations in quantity permitted; warranty periods; and for a basic type award instrument, e.g., a requirements, a BPA, an indefinite quantity type award instrument, etc., the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the minimum and maximum obligations of the government and contractor.

Data Element Summary

Ref.	Data		
Des.	Element	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2

Code identifying the broad category to which a measurement applies

Use any code.

BT Batch Limits

When BEG02 is code KB, KD, KE, KI, KQ, or KR, use to indicate the minimum and maximum limits of the Government's obligation to order either in terms of dollars or quantity under a basic type award instrument. When BEG02 is code KT or RL, use to indicate the minimum and maximum limits of the Governments obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.

LT Lot Limits

Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a basic type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.

OL Order Limits

Use to indicate the maximum that the Government may order from a basic type award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted

Use to indicate the minimum and maximum quantity or dollars permitted per order against a basic type procurement instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.

QV Quantity Variation

Use to indicate variations in quantity that are permitted. When the quantity variation is expressed as a discrete quantity, cite in MEA04-01, the same code cited in PO103 of the 2/PO1/010 loop, and specify the quantity under and/or over in MEA05/06. If the quantity variation is expressed as a percent, cite code P1 in MEA04-01.

WR Warranty

Use to indicate a warranty period.

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA02 738 Measurement Qualifier

O ID 1/3

Code identifying a specific product or process characteristic to which a measurement applies

Use any code.

MX Maximum

When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.

RY Ratio

When CN101 is code CA, CH, CY, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.

TT Time

Use to indicate the length of a warranty period. Specify the length of the time period in MEA03 and the time period in MEA04-C00101.

ZZZ Mutually defined

Use this code to indicate minimum guarantee award quantity percentage, minimum guarantee award quantity/amount, maximum ceiling award quantity/amount, and minimum guarantee award amount percentage. When this code is used to specify minimum guarantee award quantity or maximum ceiling award quantity, cite code EA in MEA04-01, the minimum quantity in MEA05 or the maximum quantity in MEA06. To specify minimum guarantee award amount or maximum ceiling award amount, cite code DO in MEA04-01, the minimum amount in MEA05 or the maximum amount in MEA06. To specify minimum guarantee award amount percentage, cite code DO in MEA04-01, code P1 in MEA04-04, and the minimum amount percentage in MEA05. To specify minimum guarantee award quantity percentage, cite code EA in MEA04-01, code P1 in MEA04-04, and the minimum quantity percentage in MEA05.

Refer to 004010 Data Element Dictionary for acceptable code values.

MEA03 739 Measurement Value

X R 1/20

The value of the measurement

MEA04 C001 Composite Unit of Measure

 \mathbf{X}

To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a basic type award

			percentage.	umou	ni/quuniiiy
			2. For example: If the maximum that can be ordered per queach, then MEA01 would cite code OL, MEA02 would cite would cite 10,000, MEA04-C00101 would cite EA, and MEQ1.	MX,	MEA03
			3. To specify the minimum guarantee award amount/quant cite code ZZZ in MEA02, either code DO or EA in MEA04 in MEA04-04.		
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken 1. Use any code other than code ZZ.	d, or r	manner in
			2. When MEA01 is code QV, The code cited in MEA04-01 or the same code cited in PO103 of the PO1 loop.	MUS	ST be code P1
			3. Use code M4 to indicate the foreign currency identified or the 2/CUR/020 segment when CUR01 cites code BY.	in the	2 1/CUR/040
			4. An application program conversion table may be requiragency codes to ASC X12 codes.	ed to	convert
			Refer to 004010 Data Element Dictionary for acceptable coo	le val	
Not Used	C00102	1018	Exponent	O	R 1/15
N T	G00103	C 40	Power to which a unit is raised	0	D 1/10
Not Used	C00103	649	Multiplier	0	R 1/10
	C00104	355	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code	0	ID 2/2
	C00104	333	Code specifying the units in which a value is being expressed	_	
			which a measurement has been taken	., or r	
			1. Use any code other than code ZZ.		
			2. An application program conversion table may be require	ed to c	convert
			agency codes to ASC X12 codes.		
			Refer to 004010 Data Element Dictionary for acceptable coo	le val	
Not Used	C00105	1018	Exponent	О	R 1/15
NI.4 II I	C00106	<i>c</i> 40	Power to which a unit is raised	_	D 1/10
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	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code	0	ID 2/2
1100 0500	200107		Code specifying the units in which a value is being expressed	_	
			which a measurement has been taken	,	
Not Used	C00108	1018	Exponent	O	R 1/15
	G00400	< 40	Power to which a unit is raised		D 4/40
Not Used	C00109	649	Multiplier	O	R 1/10
Not Used	C00110	355	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code	0	ID 2/2
not Useu	COULIU	333	Code specifying the units in which a value is being expressed	_	
			which a measurement has been taken	, OI I	
Not Used	C00111	1018	Exponent	0	R 1/15
	0001:-		Power to which a unit is raised	_	7
Not Used	C00112	649	Multiplier	0	R 1/10
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instrument and to specify the minimum guaranteed award amount/quantity

			Value 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
110t Obcu	000113		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	Multiplier O R 1/10
			Value to be used as a multiplier to obtain a new value
	MEA05	740	Range Minimum X R 1/20
			The value specifying the minimum of the measurement range
			1. When MEA01 is code QV , use to specify the variation in quantity under.
			2. When MEA01 is code BT, LT, or PM, use to specify the minimum amount
			or quantity.
			3. When MEA02 is RY, use to specify the Government share.
			4. When MEA02 is code ZZZ, MEA04-01 is code EA and MEA04-04 is code
			P1, use to specify the minimum guarantee award quantity percentage.
			5. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the
			minimum guarantee award quantity.
			6. When MEA02 is code ZZZ, MEA04-01 is code DO and MEA04-04 is code
			P1, use to specify the minimum guarantee award amount percentage.
			7. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the
			minimum guarantee award amount.
			8. Percents will be cited as follows: 4.25% will be cited as 4.25: 3% will be
			8. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).
	MEA06	741	
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed).
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over.
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share.
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity.
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount.
	MEA06	741	cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount. 6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be
Not Used	MEA06	741 935	Cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount. 6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).
Not Used			Cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount. 6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed). Measurement Significance Code O ID 2/2
Not Used			Cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount. 6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).
	MEA07	935	Cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount. 6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed). Measurement Significance Code O ID 2/2 Code used to benchmark, qualify or further define a measurement value
	MEA07	935 936	Cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount. 6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed). Measurement Significance Code Code used to benchmark, qualify or further define a measurement value Measurement Attribute Code X ID 2/2 Code used to express an attribute response when a numeric measurement value cannot be determined
	MEA07	935	Cited as 3 (note: leading and trailing zeros are suppressed). Range Maximum X R 1/20 The value specifying the maximum of the measurement range 1. When MEA01 is code QV, use to specify the variation in quantity over. 2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity. 3. When MEA02 is RY, use to specify the contractor share. 4. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity. 5. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount. 6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed). Measurement Significance Code O ID 2/2 Code used to benchmark, qualify or further define a measurement value Measurement Attribute Code X ID 2/2 Code used to express an attribute response when a numeric measurement value

Not Used MEA10 1373 Measurement Method or Device O ID 2/4

The method or device used to record the measurement

Segment: PID	Product/Item Description
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Position: 050

> Loop: PID Optional

Level: Detail **Usage: Optional** Max Use: 1

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

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

- At least one of PID04 or PID05 is required.
- If PID07 is present, then PID03 is required. 3 4
- If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

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

- 2 PID04 should be used for industry-specific product description codes.
- PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- PID09 is used to identify the language being used in PID05.

Comments: 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.

- Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- PID07 specifies the individual code list of the agency specified in PID03.

Use this segment to provide information applicable to a specific line item. Use the Notes: 1/PID/190 segment when the information applies to all of the line items.

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
\mathbf{M}	PID01	349	Item Description Ty	/pe	M	ID 1/1
			Code indicating the f	Format of a description		
			F	Free-form		
			S	Structured (From Industry Code List)		
			X	Semi-structured (Code and Text)		
	PID02	750	Product/Process Ch	aracteristic Code	O	ID 2/3
			Code identifying the	general class of a product or process cha	racte	ristic
			Use any code other i	than codes 32 or OC.		
			Refer to 004010 Dat	a Element Dictionary for acceptable cod-	e valı	ies.
	PID03	559	Agency Qualifier Co	ode	\mathbf{X}	ID 2/2
			Code identifying the	agency assigning the code values		
			EP	United States Environmental Protection	Ager	ncy (EPA)
			FG	Federal Government		
				When this code is used, the code contain comes from the Federal EDI Coding Management Code List One (FP1). The found at http://www.fedebiz.gov, und Related Documents.	lanua is cod	al, Federal de list can
	PID04	751	Product Description		X	AN 1/12

A code from an industry code list which provides specific data about a product

When PID03 is code FG, cite one of the following codes from FP1 of the

Federal EDI Coding Manual in this data element. The EDI Coding Manual can be found at http://www.fedebiz.gov, under Resources, Related Documents.

			MAF First Article When this code is cited, FAR clauses 52.209-3 or 52.209-4 may apply.	or sin	nilar clauses
			MFD Incremental Funding Item MMY Multiyear Contract Action/Item		
			MPL Production Lot Test Unit		
			When this code is cited, FAR clauses 52.209-3 or 52.209-4	ou sit	nilav alausas
			may apply.	or sur	niiur Ciuuses
			MPN Option Item		
			MPS Pre-Production Sample		
			MPV Provisioned Item		
	PID05	352	Description	\mathbf{X}	AN 1/80
			A free-form description to clarify the related data elements a	ınd 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	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is	being	described
Not Used	PID07	822	Source Subqualifier	0	AN 1/15
			A reference that indicates the table or text maintained by the	Sour	ce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		
Not Used	PID09	819	Language Code	0	ID 2/3
			Code designating the language used in text, from a standard maintained by the International Standards Organization (ISC		

PWK Paperwork **Segment:**

Position: 070

> Loop: PO1 Mandatory

Level: Detail **Usage:** Optional Max Use: 25

Purpose:

To identify the type or transmission or both of paperwork or supporting information

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

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.

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.

Data Element Summary

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	PWK01	755	Report Type Code	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

	, , ,
	type of paperwork that is being provided to or must be
provided by the con	Purchase Plan
25	
	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.
C1	Cost Data Summary
	Use to indicate non-certified cost and price data.
C5	Certified Cost and Price Data
C6	Wage Determination
	When used, identify the Wage Determination number
	in the 2/REF/100 segment using code 2Y in REF01.
CP	Certificate of Compliance (Material Certification)
	Use to indicate a Certificate of Conformance.
CX	Cost/Schedule Status Report (C/SSR)
CY	Contract Funds Status Report (CFSR)
DW	Drawing(s)
F1	Cost Performance Report (CPR) Format 1
F2	Cost Performance Report (CPR) Format 2
F3	Cost Performance Report (CPR) Format 3
F4	Cost Performance Report (CPR) Format 4
F5	Cost Performance Report (CPR) Format 5

Certified Inspection and Test Results

IT

		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
			Use to indicate a Statement of Work (SOW).
		PM	Proof of Insurance
		RD	Payment Bond
			When used, identify the amount of the bond in the 2/AMT/600 segment citing code B0 in AMT01
		RE	Performance Bond
			When used, identify the amount of the bond in the 2/AMT/600 segment citing code 9E in AMT01.
		SN	Shipping Notice
		SP	Specification
		TO	Demand Report
			Use to indicate a Contract Data Requirement List (CDRL) deliverable.
		US	"BUY AMERICA" Certification of Compliance
PWK02	756	Report Transmiss	
		Code defining timi be sent	ing, transmission method or format by which reports are to
		paperwork can be	ode can be used, code EL is preferred when the indicated provided electronically using one of the transaction sets ed for the purpose.
		BM	By Mail
			Use to indicate transmittal via the USPS.
		CF	Courier
			Use to indicate transmittal via commercial express courier, e.g. Federal Express Service.
		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 REF02 of the
			2/REF/100 segment citing code TN in REF01.
		EM	E-Mail
		FT	File Transfer
			When PWK08-01 is code PV, use to indicate an FTP
		FX	site. Provide the FTP address in PWK07. By Fax
		IA IA	Electronic Image
		и	Use, in conjunction with PWK08-01, code PV, 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 Ne	eeded O N0 1/2

The number of copies of a report that should be sent to the addressee

The number of copies is assumed to be 1 unless a greater number is specified in this data element.

98 PWK04 **Entity Identifier Code**

ID 2/3

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

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 either the 1/N1/310 or 2/N1/350 segment and/or the communications number of the recipient in either the 1/PER/360 or

2/PER/400 segment	•		
7D	Contracting Officer Representative		
7P	Transportation Office		
BY	Buying Party (Purchaser)		
	Use to indicate the contracting officer.		
C4	Contract Administration Office		
HMI	Material Safety Data Sheet (MSDS) Rec	ipien	t
	Use in conjunction with PWK01 code M the Agency's Hazardous Material Infor- (HMIS) central focal point to whom Ma Data Sheets are to be sent.	matio	on System
IS	Party to Receive Certified Inspection Rep	ort	
	Use when PWK01 is code IT or MR.		
KF	Audit Office		
KG	Project Manager		
	Use to indicate the party responsible for include the advisor under a Grant.	a pr	oject to
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		
Identification Code	Qualifier	\mathbf{X}	ID 1/2
Code designating the Code (67)	e system/method of code structure used fo	r Ide	ntification
Identification Code		X	AN 2/80

Not Used PWK05

Id

Not Used PWK06

Code identifying a party or other code

352 PWK07

66

67

Description

O AN 1/80

- A free-form description to clarify the related data elements and their content 1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.
- 2. When PWK02 is code DA, use to identify the other form of electronic transfer.
- 3. When PWK02 is code FT or IA, used to identify the URL.
- 4. When PWK01 is code AE, use to identify the attachment.
- 5. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

PWK08 C002 **Actions Indicated**

0

Actions to be performed on the piece of paperwork identified

M	C00201	704	Paperwork/Report Action Code		M	M 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 2 Report to be Filed				
			When PWK01 is code 25, 35, C1, C5, CP, CX, F2, F3, F4, F5, IT, MR, MS, PD, PM, RD, RI TO or US, indicate the specified paperwork is to be provided by the contractor.		RE, SN,		
			PV	Provided			
				When PWK01 is code AE, C6, DW, K to indicate the specified paperwork withe buyer.			
Not Used	C00202	704	Paperwork/Rep	ort Action Code	O	ID 1/2	
Not Used	C00203	704	segment relates t	how the paperwork or report that is identify to the transaction set or to identify the action cort Action Code			
Not Used	C00204	704	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 Paperwork/Report Action Code O ID 1/2			s required	
Not Used	C00205	704	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 Paperwork/Report Action Code O ID 1/2				
			segment relates t	how the paperwork or report that is identify the transaction set or to identify the actio		s required	
Not Used	PWK09	1525	Request Catego	ry Code	O	ID 1/2	
			Code indicating	a type of request			

Segment: PO4 Item Physical Details

Position: 090

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: Syntax Notes:

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

- 1 If either PO402 or PO403 is present, then the other is required.
- 2 If PO405 is present, then PO406 is required.
- 3 If either PO406 or PO407 is present, then the other is required.
- 4 If either PO408 or PO409 is present, then the other is required.
- 5 If PO410 is present, then PO413 is required.
- **6** If PO411 is present, then PO413 is required.
- 7 If PO412 is present, then PO413 is required.
- 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
- 9 If PO417 is present, then PO416 is required.
- 10 If PO418 is present, then PO404 is required.

Semantic Notes:

- PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
- 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
- 3 PO417 is the ending package identifier in a range of identifiers.
- 4 PO418 is the number of packages in this layer.

Comments:

- 1 PO403 The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
- PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes:

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

Data Element Summary

Ref.	Data		
Des.	Element	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	O N0 1/6

The number of inner containers, or number of eaches if there are no inner 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 to indicate a bulk quantity (MIL-STD 2073-1C code BLK).

		3. Cite the number 888888 to indicate "Packager's option as long as all other requirements are met" (MIL-STD 2073-1C code YYY).				
		4. Cite the number 999999 to indicate "Special requireme supplemental data, special instructions or drawings provided 2073-1C code ZZZ).				
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	ı unit (container.		
PO403	355	Unit or Basis for Measurement Code	X	ID 2/2		
		Code specifying the units in which a value is being expresse which a measurement has been taken 1. Use any code other than code ZZ.	ed, or n	nanner in		
		1. Ose any code other than code 22.				
		2. An application program conversion table may be requiragency codes to ASC X12 codes.				
		Refer to 004010 Data Element Dictionary for acceptable co				
PO404	103	Packaging Code	X	AN 3/5		
		Code identifying the type of packaging; Part 1: Packaging F Packaging Material; if the Data Element is used, then Part 1 Refer to 004010 Data Element Dictionary for acceptable co	is alw	ays required		
PO405	187	Weight Qualifier	O	ID 1/2		
		Code defining the type of weight				
		Use any code other than code Z.				
		Refer to 004010 Data Element Dictionary for acceptable co	de valı	ues.		
PO406	384	Gross Weight per Pack	\mathbf{X}	R 1/9		
		Numeric value of gross weight per pack				
		Use to specify the weight of a container. The weight shall	be pro	ovided to 1		
		decimal point.	•			
PO407	355	Unit or Basis for Measurement Code	X	ID 2/2		
		Code specifying the units in which a value is being expresse which a measurement has been taken	d, or n	nanner in		
		1. Use any code other than code ZZ.				
		2. An application program conversion table may be requiragency codes to ASC X12 codes.				
		Refer to 004010 Data Element Dictionary for acceptable co	de valı	ues.		
PO408	385	Gross Volume per Pack	X	R 1/9		
		Numeric value of gross volume per pack				
DO 400		Use to specify the cube of a container. The cube shall be partial places.				
PO409	355	Unit or Basis for Measurement Code	X	ID 2/2		
		Code specifying the units in which a value is being expresse which a measurement has been taken 1. Use any code other than code ZZ.	d, or n	nanner in		
		1. Ose any code other man code 22.				
		2. An application program conversion table may be requiragency codes to ASC X12 codes.				
DO 440	0.5	Refer to 004010 Data Element Dictionary for acceptable co				
PO410	82	Length	X	R 1/8		
		Largest horizontal dimension of an object measured when the	ie obje	ect is in the		
PO411	100	upright position Width	\mathbf{v}	R 1/8		
FU411	189	vy iutii	X	K 1/9		

			Shorter measurement of the two horizontal dimensions measured with the				
	PO412	65	object in the upright position Height	ζ	R 1/8		
	1 0 .12	0.0	Vertical dimension of an object measured when the object is in	- the			
			position		aprignt		
			$\overset{ar{}}{U}$ se to specify the depth of the container.				
	PO413	355	Unit or Basis for Measurement Code	C	ID 2/2		
			Code specifying the units in which a value is being expressed, of which a measurement has been taken	r n	nanner in		
			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 v	Data Element Dictionary for acceptable code values.			
	PO414	810	Inner Pack)	N0 1/6		
			The number of eaches per inner container 1. Use to specify the quantity of unit containers in an intermediate contain				
			2. Cite the number 666666 to indicate "See Appendix B, MIL-STD 2073-1B" (MIL-STD 2073-1C code AAA).				
			3. Cite the number 777777 to indicate "See method of preservation" (MIL-STD 2073-1C code XXX).				
			4. Cite the number 888888 to indicate "Packer's option as long as all other requirements are met" (MIL-STD 2073-1C code YYY).				
			5. Cite the number 999999 to indicate "Special requirements - see specific drawing or instruction provided" (MIL-STD 2073-1C code ZZZ).				
Not Used	PO415	752	Surface/Layer/Position Code)	ID 2/2		
			Code indicating the product surface, layer or position that is bei	ng	described		
Not Used	PO416	350	Assigned Identification	K	AN 1/20		
			Alphanumeric characters assigned for differentiation within a tr	ans	saction set		
Not Used	PO417	350	Assigned Identification		AN 1/20		
			Alphanumeric characters assigned for differentiation within a tr				
Not Used	PO418	1470)	N0 1/9		
			A generic number				

Segment: REF Reference Identification

Position: 100

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

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

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

Use this segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.

Data Element Summary

			Data Elem	ent Summary	
	Ref.	Data			
	Des.	Element	<u>Name</u>		<u>Attributes</u>
\mathbf{M}	REF01	128	Reference Identific	cation Qualifier	M ID 2/3
			Code qualifying the	Reference Identification	
			16	Military Interdepartmental Purchase Re Number	equest (MIPR)
			2E	Foreign Military Sales Case Number	
				Use to indicate a Foreign Military Sal	e.
			2S	Catalog	
			2 Y	Wage Determination	
				Use to indicate a Department of Labor Determination number. Use if the Way Determination is passed by reference didentify the Wage Determination passes means identified in the PWK segment.	ge only or to ed by some other
			73	Statement of Work (SOW)	
				Use to indicate the Statement of Work number within the Statement of Work additional information can be found. I Work is part of the award, the PWK se used to indicate how the SOW is being	where If a Statement of gment can be
			82	Data Item Description (DID) Reference	;
			83	Extended (or Exhibit) Line Item Numb	er (ELIN)
			97	Package Number	
			9B	Repriced Line Item Reference Number	
				1. Use to indicate a special price authonumber.	orization
				2. When used, code 1A should be use the 2/PER/110 segment and code SPC in CTP02 in the 2/CTP/040 segment.	
			9G	Department of Defense Form 250 Requ	irement Code
				Use to indicate the inspection and according requirements for a data item specified Data Requirements List.	•
			AH	Agreement Number	
				Use to indicate a Union Agreement nu	mber.
			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. BLGovernment Bill of Lading DG Drawing Number EV Receiver Identification Number 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. HF **Engineering Data List** IJ Standard Industry Classification (SIC) Code IL. Internal Order Number Use to indicate the requisition (MILSTRIP/DLMS/FEDSTRIP document) number. IQ End Item Use to indicate an end item to which a line item pertains. ΙX Item Number Use to indicate a Federal supply schedule (FSS) special item number. K0 Approval Code Use to indicate the approval code on a Contract Data Requirements List. KL 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). KS Solicitation Use to indicate the solicitation number that resulted in this award instrument. If applicable, concatenate the LAST amendment number with the solicitation ΚV 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. LT Lot Number MUMilitary Specification (MILSPEC) Number NI Military Standard (MIL-STD) Number NJ Technical Document Number Technical Order Number NLP4 Project Code Use to indicate the project number applicable to the line item. PG **Product Group** 1. Use to indicate a North American Industrial Classification System (NAICS) code. When this code is used, the code cited in REF02 can be found at http://www.census.gov/epcd/www/naics.html.

2. The NAICS code MUST be 6 digits. If the NAICS

code is less than 6 digits, add a trailing zero.

PH	Priority Rating
	Use to indicate the MILSTRIP/DLMS/FEDSTRIP priority rating.
PID	Program Identification Number
PL	Price List Number
1 L	Use to indicate a DLA Troop Support
	Distribution and Pricing Agreement number
	applicable to the line item.
PR	Price Quote Number
	Use to indicate the contractor's bid, quote or proposal number.
QC	Product Specification Document Number
RQ	Purchase Requisition No.
	Use to indicate the Purchase Request (PR) number or
	Purchase Request Order Number (PRON). When
	citing a purchase request number, concatenate its line
	item number with the purchase request number if it is
P.G	necessary to transmit both numbers.
RS	Returnable Container Serial Number
S3	Specification Number
	Use to indicate a specification number other than a
	MIL-SPEC. When used, cite the specification number in REF02 and identify the issuing activity in REF03.
T4	Signal Code
TG	Transportation Control Number (TCN)
TN	Transaction Reference Number
114	1. Use to indicate the unique reference number of a
	related transaction set (e.g. an 841 transaction set
	carrying a related technical specification or drawing).
	Each transaction set has a unique number. In the
	case of the 841 transaction set, that number is carried
	in SPI02.
	2. When used, cite the related transaction set's unique
	number in REF02 and cite the X12 transaction set
	designator of the related transaction set, e.g., 841, in
	REF03.
TP	Test Specification Number
VQ	Related Contract Line Item Number
	Use to indicate a line item in the procurement
	instrument which relates to another line item, e.g.,
	payment for the line item is dependent on approval of another line item.
VW	Standard
	Use to indicate a standard other than a Military
	Standard (MIL-STD). When used, cite the standard
	number in REF02, e.g., ASTM D3951, and, if
	necessary, further identify the standard in REF03.
W1	Disposal Turn-In Document Number
W2	Weapon System Number
	Use to indicate the Weapon System Code.
W8	Suffix
	Revised code W8 note as follows: Use to indicate a
	MILSTRIP/DLMS/FEDSTRIP requisition suffix
	number. This code can be used if there is ONLY one occurrence of the REF segment with code becomber 2002
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				occurrence of the REF segment with co	ode I	L in
			WF	Locally Assigned Control Number		
			WJ	Pre-Award Survey		
				Use this code to indicate the number of survey.	f a pr	re-award
			WL	Federal Supply Classification Code		
			XC	Cargo Control Number		
				Use to indicate the tracking number fo being sent by a tanker vessel.	r bul	k fuel
			XE	Transportation Priority Number		
			XY	Other Unlisted Type of Reference Num	ber	
				Use to indicate another type of reference When used, identify the nature of the nature		
	REF02	127	Reference Ide		X	AN 1/30
	KE1 02	12,		rmation as defined for a particular Transaction		
				e Reference Identification Qualifier	1500	01 4 0
			If the documen	nt has a revision or an extension, the docume		
				extension number should be concatenated a	nd ci	ted in this
	REF03	352	data element. Description		X	AN 1/80
	KEFUS	334	-	escription to clarify the related data elements a		
				additional information related to a reference		
			REF02.			
				form text is discouraged if the information ca	n be	provided by
Not Used	REF04	C040	Reference Ide	ans within the transaction set.	0	
Not Oseu	KEF 04	C040		e or more reference numbers or identification	_	Are as
			•	e Reference Qualifier	.iuiiic	iers as
Not Used	C04001	128		ntification Qualifier	\mathbf{M}	ID 2/3
			Code qualifyin	g the Reference Identification		
Not Used	C04002	127	Reference Ide	ntification	\mathbf{M}	AN 1/30
			Reference info	rmation as defined for a particular Transaction	ı Set	or as
				e Reference Identification Qualifier		
Not Used	C04003	128		ntification Qualifier	X	ID 2/3
	~~			g the Reference Identification		
Not Used	C04004	127	Reference Ide		X	AN 1/30
				ermation as defined for a particular Transaction	ı Set	or as
Not Used	C04005	128		e Reference Identification Qualifier ntification Qualifier	X	ID 2/3
1100 0000	201000	120		g the Reference Identification	41	12 2.0
Not Used	C04006	127	Reference Ide	_	X	AN 1/30
1101 Oscu	C07000	141		ormation as defined for a particular Transaction		
				e Reference Identification Qualifier	1500	01 45
			Transfer of th	· · · · · · · · · · · · · · · · · · ·		

PER Administrative Communications Contact **Segment:**

Position: 110

> Loop: PO1 Mandatory

Level: Detail **Usage:** Optional Max Use:

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

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

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

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

Semantic Notes: Comments:

> **Notes:** 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

		applicab	applicable to a line item and which are not associated with an address.		
	.	.	Data Elen	nent Summary	
	Ref.	Data			
	Des.	Element	<u>Name</u>		<u>Attributes</u>
M	PER01	366	Contact Function	Code	M ID 2/2
			Code identifying th	ne major duty or responsibility of the perso	on or group named
			1A	Review/Repricing Contact	
				1. Use to indicate an individual who a time special price for the line item in the	-
				e.g., a spot pricing reduction from an e or catalog price. In this instance, PER used.	existing contract
				2. When used, code SPC should be use the 2/CTP/040 segment within the P01 items that are authorized a special pricinclude the authorization number provselling party in REF01 in the 1/REF/32/REF/100 segment citing code 9B in 2	loop of the line ce. If applicable, vided by the 50 or
			AU	Report Authorizer	
				1. Use to indicate the approver of a Co Requirements List.	ontract Data
				2. Use this code when PO106 code EF	is used.
			BD	Buyer Name or Department	
			DD	Use to indicate the Grants Managemen	nt Specialist
			DI		ii Specialisi.
			PI	Preparer	
				1. Use to indicate the preparer of a Co Requirements List.	ontract Data
				2. Use this code when PO106 code EF	112 1112 2 111
	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 or office symbol.

ID 2/2

PER03 365 **Communication Number Qualifier**

Code identifying the type of communication number

ΑU Defense Switched Network

EM Electronic Mail

		FX	Facsimile
		IT	International Telephone
			Include the country code.
		TE	Telephone
		1L	Use to indicate the commercial telephone number of
			the individual cited in PER02. Include the area code.
PER04	364	Communication N	
		Complete commun	ications number including country or area code when
		applicable	
			than those associated with code EM, shall be transmitted
			umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension
			umber, e.g., 17035551212X123.
PER05	365	Communication N	•
		Code identifying th	ne type of communication number
		Use to identify a se	econd communications number for the party cited in
		-	ple, if PER03/04 cites a telephone number, PER05/06 can
		be used to cite a FA	
		AU	Defense Switched Network Electronic Mail
		EM	
		FX	Facsimile
		IT	International Telephone Include the country code.
		TE	
		IE	Telephone Use to indicate the commercial telephone number of
			the individual cited in PER02. Include the area code.
PER06	364	Communication N	
			ications number including country or area code when
		Complete commun applicable	ications number including country or area code when
		Complete commun applicable <i>All numbers, other</i>	ications number including country or area code when r than those associated with code EM, shall be transmitted
		Complete commun applicable All numbers, other as a continuous nu	r than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension
		Complete commun applicable All numbers, other as a continuous nu applies to the teleptone.	ications number including country or area code when r than those associated with code EM, shall be transmitted
PER07	365	Complete commun applicable All numbers, other as a continuous nu applies to the teleptone.	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123.
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Notes and Communication Notes and Code identifying the	ications number including country or area code when r than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 the type of communication number
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Notes and Communication Notes and Code identifying the	r than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Notes and Communication Notes and Code identifying the	ications number including country or area code when r than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 the type of communication number
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Communication Notes to identify a the	ications number including country or area code when If than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 to type of communication number for the party cited in PER02.
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the teleptat the end of the nu Communication No Code identifying the Use to identify a the AU	ications number including country or area code when If than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 to type of communication number wird communications number for the party cited in PER02. Defense Switched Network
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the teleptat the end of the nuapplies to identifying the Use to identify a the AU EM	ications number including country or area code when If than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 the type of communication number wird communications number for the party cited in PER02. Defense Switched Network Electronic Mail
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Name of the communication Name of the communication of the code identifying the Land Au EM FX	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 he type of communication number wird communications number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Name of the communication Name of the communication of the code identifying the Land Au EM FX	ications number including country or area code when If than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Tumber Qualifier X ID 2/2 me type of communication number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone
PER07	365	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nu Communication No Code identifying the AU EM FX IT	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 he type of communication number wird communications number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of
		Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nu Communication No Code identifying the Use to identify a the AU EM FX IT TE	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 ne type of communication number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.
PER07 PER08	365 364	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Name of the communication Name of the c	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 the type of communication number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.
		Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Name of the communication Name of the c	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 ne type of communication number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.
		Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Normal Communication Normal Code identifying the AU EM FX IT TE Communication Normal Complete communapplicable	ications number including country or area code when It than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. It the type of communication number of the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code. Sumber X AN 1/80 ications number including country or area code when
		Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Normal Code identifying the Use to identify a the EM FX IT TE Communication Normal Complete communapplicable All numbers, other as a continuous nuapplicable	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 he type of communication number wird communications number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code. Sumber X AN 1/80 ications number including country or area code when than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension
		Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Name of the communication Name of the complete communapplicable All numbers, other as a continuous nuapplies to the telep	than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 he type of communication number wird communications number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code. Sumber X AN 1/80 ications number including country or area code when than those associated with code EM, shall be transmitted umber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension
PER08	364	Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon Name of the communication Name of the communication Name of the communication Name of the communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the numbers.	than those associated with code EM, shall be transmitted amber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 he type of communication number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code. Sumber X AN 1/80 ications number including country or area code when than those associated with code EM, shall be transmitted amber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123.
		Complete communapplicable All numbers, other as a continuous nuapplies to the telepat the end of the nucleon of the numbers, other as a continuous nuapplies to the telepat the end of the nucleon of the	than those associated with code EM, shall be transmitted amber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123. Sumber Qualifier X ID 2/2 he type of communication number for the party cited in PER02. Defense Switched Network Electronic Mail Facsimile International Telephone Include the country code. Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code. Sumber X AN 1/80 ications number including country or area code when than those associated with code EM, shall be transmitted amber with no extraneous characters. If an extension hone number, concatenate the letter X plus the extension umber, e.g., 17035551212X123.

Use, if necessary, to provide the title or office symbol of the party cited in PER02.

 \mathbf{M}

SAC02

(K2) Furchase Order	
C 4 -	SAC Service, Promotion, Allowance, or Charge Information
Segment:	
Position:	130
Loop: Level:	SAC Optional
Usage:	Detail Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount
i di posc.	or percentage for the service, promotion, allowance, or charge
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.
Syllean 1 (Oces)	2 If either SAC03 or SAC04 is present, then the other is required.
	3 If either SAC06 or SAC07 is present, then the other is required.
	4 If either SAC09 or SAC10 is present, then the other is required.
	5 If SAC11 is present, then SAC10 is required.
	6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
	7 If SAC14 is present, then SAC13 is required.
	8 If SAC16 is present, then SAC15 is required.
Semantic Notes:	1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
	2 SAC05 is the total amount for the service, promotion, allowance, or charge.
	If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3 SAC08 is the allowance or charge rate per unit.
	4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is
	different from the purchase order or invoice quantity.
	SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	5 SAC13 is used in conjunction with SAC02 or SAC04 to provide 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.
	7 SAC16 is used to identify the language being used in SAC15.
Comments:	1 SAC04 may be used to uniquely identify the service, promotion, allowance, or
	charge. In addition, it may be used in conjunction to further the code in SAC02.
	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.
Notes:	1. Use this segment to identify services, allowances, or charges and, if applicable,
	quantities, that apply to specific line items. If the services, allowances, or charges apply to all of the line items, use the 1/SAC/120 segment.
	upply to all of the line tiems, use the 1/5AC/120 segment.
	2. When PO106 in the 2/PO1/010 segment is code ZZ, at least one iteration of this
	segment is REQUIRED, with SAC02 citing an appropriate code that identifies the
	purpose of the miscellaneous charge.
	Data Element Summary
Ref.	Data
Des.	Element Name Attributes
SAC01	248 Allowance or Charge Indicator M ID 1/1
	Code which indicates an allowance or charge for the service specified
	A Allowance
	Use to indicate an allowance or a discount.

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Charge

service.

Service, Promotion, Allowance, or Charge Code

No Allowance or Charge

Use to indicate there is no charge for the specified

X ID 4/4

 \mathbf{C}

N

1300

Code identifying the service, promotion, allowance, or charge

Any code may be used. The following is a preferred list.

- 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 5units.. 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 is not 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 and the "buy" quantity in SAC11.

- D290 Full Truck allowance
- D340 Goods and Services Charge.
- 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 the 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 credited toward the purchase price on an Lease With Option to Purchase (LWOP). Use SAC06/07 to identify a percent or SAC08 to identify a discrete amount.

- H110 Special Packaging
- H170 Special Tooling Charge
- H430 Storage
- H540 Supplemental Items

Use to indicate Contractor Acquired Parts (CAP).

H550 Surcharge

			H680	Tax - Governmental			
			H700 H770	Tax - Local Tax Tax - State Tax			
			H850	Tax			
			H990	Testing Services Charge			
			<i>I260</i>	Transportation Direct Billing			
			<i>1330</i>	Two-Day Service			
			1380 1590	Unloading (Labor Charges) Warranties			
			ZZZZ	rranues Use to indicate a training char	·0 <i>P</i>		
				004010 Data Element Dictiona	_	alue	es.
Not Used	SAC03	559		Qualifier Code	X		ID 2/2
			Code ide	ntifying the agency assigning th	ne code values		
Not Used	SAC04	1301	Agency	Service, Promotion, Allowance	e, or Charge Code X	ζ.	AN 1/10
			Agency	naintained code identifying the	service, promotion, allo	owai	nce, or
			charge		_		
	SAC05	610	Amoun		()	N2 1/15
				amount			
				SAC02 is code D170, identify ls, if applicable. For all other s			
			2 Wha	CUR01 in the 1/CUR/040 or t	ha 2/CUR/020 sagmani	t cita	as coda RV
				tary amount identified in this			
				urrency identified in CUR02 of			
			instance	s, the monetary amount is expr	essed in US dollars.		
	SAC06	378	Allowar	ce/Charge Percent Qualifier	X	<u> </u>	ID 1/1
			Code in	icating on what basis allowance	e or charge percent is ca	lcul	ated
			2	Item Net Cost			
				-	ercentage applied to th	e lin	ie item
			5	total amount.			
			3	Base Price per Unit	ercentage applied to th	a lir	a itam
			-	unit price.	ercentage appliea to th	e un	ie iiem
			Z	Mutually Defined	1 11020	1	1.
					de H030, use to indica l to a lease amount.	te tn	ie creait
	SAC07	332	Percent	percentage applied	Y	ζ	R 1/6
				xpressed as a percent			
				% as 4.25; cite 3% as 3.			
	SAC08	118	Rate		()	R 1/9
			Rate exp	ressed in the standard monetary	denomination for the c	urre	ency
			specified	•			
			1. See s	mantic note 3.			
			2 Wha	CUR01 in the 1/CUR/040 or t	ha 2/CUR/020 sagmani	t cita	as coda RV
				tary amount identified in this			
				urrency identified in CUR02 of			
			instance	s, the monetary amount is expr	essed in US dollars.		
	SAC09	355		Basis for Measurement Code			ID 2/2
			-	cifying the units in which a val	ue is being expressed, o	r ma	anner in
				neasurement has been taken ny code other than code ZZ.			
			1. Use t	ny coue oiner inan coue LL.			
			2. When	code M4 is cited and CUR01	in the 1/CUR/040 or 2/	CU	R/020
			SAGM CH	citas coda RV tha monatary as	mount in SAC10 shall l	00.01	tated as the

segment cites code BY, the monetary amount in SAC10 shall be stated as the

currency identified in CUR02.

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.

SAC10 380 Quantity

X R 1/15

Numeric value of quantity

- 1. When SAC02 is code C300, use to identify the lower end of a quantity range that results in an incremental quantity discount.
- 2. When SAC02 is code C830, use to identify the minimum distance.
- 3. When SAC02 is code D170, use to identify the "free" quantity.
- 4. When SAC02 is code D440, use to identify the line item total purchase amount that results in a discount.
- 5. When SAC02 is code F910, use to identify the lower end of a quantity range that results in a step ladder discount.
- 6. When SAC02 is code G740, use to identify the distance applicable to a service charge, if appropriate.
- 7. When SAC02 is any other code, use to identify the quantity to which the charge, allowance, or discount applies. In most instances this quantity will be 1, but if a greater quantity applies, cite that quantity.

SAC11 380 Quantity

331

127

O R 1/15

Numeric value of quantity

- 1. Use only if SAC10 is used. SAC10/11 are used together to identify a range except when SAC02 is code D170.
- 2. When SAC02 is code C300 or F910, use to identify the upper end of the quantity range associated with SAC10.
- 3. When SAC02 is code C830, use to identify the maximum distance, if applicable.
- 4. When SAC02 is code D170, use to identify the "buy" quantity, if applicable.
- 5. When SAC02 is any other code, use to identify the upper end of a quantity range to which the charge, allowance, or discount applies.

Not Used SAC12

SAC13

Code indicating method of handling for an allowance or charge

O ID 2/2

Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Allowance or Charge Method of Handling Code

- 1. If the discount, allowance, charge, or no charge service applies to a specific delivery zone, identify the zone in this data element. The delivery zones and locations within each zone are identified in the 1/N1/310 loop.
- 2. To comply with X12 syntax, if SAC14 contains data that is not applicable to a specific delivery zone, cite the word "ALL" in this data element.

SAC14 770

Option Number

O AN 1/20

A unique number identifying available promotion or allowance options when more than one is offered

When SAC02 is code C300, D440, or F910, and the discount can be earned

NOT REC	CA C15	252	by combining quantities or purchase amounts from line in group, use this data element to identify the discount group.		DG-A.
NOI KEC	SAC15	352	Description	Λ	AN 1/80
			A free-form description to clarify the related data elements	and the	eir content
			 Use, if necessary, to provide text information related to the information provided within this segment. Use of free form text is discouraged if the information can be provided by some other means within the transaction set. 		
Not Used	SAC16	819	Language Code	O	ID 2/3
			Code designating the language used in text, from a standar		

maintained by the International Standards Organization (ISO 639)

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.

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

CSH04 is the account number to which the purchase amount is charged.
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:

Notes: Use this segment to specify requirements that apply to a specific line item. When the

requirements apply to all of the line items, use the 1/CSH/110 segment.

	~ .	.	Data Elem	ent Summary		
	Ref.	Data				
	Des.	Element	Name			<u>ibutes</u>
	CSH01	563	Sales Requirement		O	ID 1/2
			Code to identify a s	pecific requirement or agreement of sale		
			P2	Ship As Soon As Possible		
				Use only with DTM01 or SCH05 code	996.	
			P4	Do Not Preship		
				Use only when DTM01 or SCH05 is co or when LDT01 is code AY.	de 00	64 or 106,
			SC	Ship Complete		
				Use to indicate partial shipments will nation The absence of this code indicates that quantities may be shipped.		
			SI	Ship In-Place		
	CSH02	306	Action Code	•	O	ID 1/2
			Code indicating typ	e of action		
			В	Cancel Balance of Order/Item that Exce Specified in Data Element 610	eds V	alue
			G	Cancel Entire Order/Item		
	CSH03	610	Amount		\mathbf{X}	N2 1/15
			Monetary amount			
			would exceed, shal that exceeds the mo 2: When CUR01 in	n maximum total line item amount, that ig I result in the entire line item or balance aximum amount not being filled. In the 1/CUR/040 or the 2/CUR/020 segm Int identified in this data element is expr	of th	e line item ites code BY,
				lentified in CUR02 of the associated segn		
				etary amount is expressed in US dollars.		
Not Used	CSH04	508	Account Number		O	AN 1/35
			Account number as	signed		
Not Used	CSH05	373	Date		O	DT 8/8
			Date expressed as C	CCYYMMDD		
	CSH06	559	Agency Qualifier (Code	\mathbf{X}	ID 2/2
			Code identifying th	e agency assigning the code values		
			, 8			

	CSH07	560	AX ANSI Accredited Standards Committee Special Services Code Code identifying the special service		, X12 X	ID 2/10
			Use to identify a sp	ecial delivery condition.		
			NC	Notify Consignee Before Delivery		
				Use to indicate that the consignee or o contact must be notified in order to sel shipment. When used, provide the concommunication number in the 2/PER/citing code NT, for the shipping instruor RE, for the shipment scheduling code	hedule tact 400 se ctions	egment contact,
Not Used	CSH08	566	Product/Service St	ubstitution Code	O	ID 1/2
			Code indicating pro	oduct or service substitution conditions		
Not Used	CSH09	954	Percent		\mathbf{X}	R 1/10
			Percentage express	ed as a decimal		
Not Used	CSH10	1004	Percent Qualifier		\mathbf{X}	ID 1/2
			Code to qualify per	cent		

Segment: INC Installment Information

Position: 165

Loop: PO1 Mandatory

Level: Detail Usage: Optional

Max Use:

Purpose: To specify installment billing arrangement

Syntax Notes:

Semantic Notes: 1 INC02 is the installment period (e.g., months).

- 2 INC03 is the total number of installments.
- 3 INC04 is the number of the current installment.
- 4 INC05 is the installment balance after the current installment is applied.

Comments:

Notes:

- 1. Use this segment to specify that recurring payments are authorized to be made by the paying office for the line item, and to identify the frequency of the payments, the maximum number of payments and the amount of the recurring payment. If the recurring payments apply to all of the line items, use the 1/INC/145 segment.
- 2. When this segment is used, at least two iterations of the 2/DTM/210 segment are REQUIRED with DTM01 citing codes 193 and 194.

M	Ref. Des.	Data Element	Name	,		ributes
M	INC01	336	Terms Type Code	-6	M	ID 2/2
			Code identifying type			
				Deferred or Installment		
				Use this code to indicate that recurring nuthorized.	g payı	nents are
M	INC02	C001	Composite Unit of M	leasure	M	
			To identify a composi of use)	te unit of measure (See Figures Appe	ndix f	or examples
M	C00101	355	Unit or Basis for Mea	asurement Code	\mathbf{M}	ID 2/2
			which a measurement MO MO M	nits in which a value is being expresse has been taken Months Quarter (Time)	d, or 1	nanner in
			YR Y	Years		
Not Used	C00102	1018	Exponent		O	R 1/15
			Power to which a unit	is raised		
Not Used	C00103	649	Multiplier		O	R 1/10
			Value to be used as a	multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for Mea	asurement Code	O	ID 2/2
			Code specifying the u which a measurement	nits in which a value is being expresse has been taken	d, or 1	nanner in
Not Used	C00105	1018	Exponent		O	R 1/15
			Power to which a unit	is raised		
Not Used	C00106	649	Multiplier		O	R 1/10
			Value to be used as a	multiplier to obtain a new value		
Not Used	C00107	355	Unit or Basis for Mea	asurement Code	O	ID 2/2
			Code specifying the u which a measurement	nits in which a value is being expresse has been taken	d, or 1	nanner in
Not Used	C00108	1018	Exponent		O	R 1/15
			Power to which a unit	is raised		
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Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken	d, or r	nanner in
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value 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 which a measurement has been taken	d, or r	nanner in
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
\mathbf{M}	INC03	380	Quantity	M	R 1/15
			Numeric value of quantity		
			Use this data element to specify the maximum number of a payments.	ecurr	ing
M	INC04	380	Quantity	M	R 1/15
			Numeric value of quantity		
			Due to the mandatory nature of this data element, always The receiving application should disregard the data in this		
	INC05	782	Monetary Amount	O	R 1/18
			Monetary amount		

- 1. Use this data element to specify the amount of the recurring payment.
- 2. The amount shall be the same for each recurring payment but may be prorated based on a shorter period for any recurring payment. The prorated amounts shall be based on the period start/period end dates specified in DTM01 or SCH05 by codes 193/194.
- 3. When CUR01 in the 1/CUR/040 or the 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.

FOB F.O.B. Related Instructions **Segment:**

Position: 180

> Loop: PO1 Mandatory

Level: Detail **Usage: Optional** Max Use: >1

Purpose: To specify transportation instructions relating to shipment

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

- If FOB04 is present, then FOB05 is required. If FOB07 is present, then FOB06 is required. 3 4 If FOB08 is present, then FOB09 is required.

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

- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the title passage location.
- FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Notes:

1. Use this segment to specify an FOB point and acceptance location for a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all the line items.

2. This segment is not used when the award instrument is for a service without deliverables or construction.

Data Elamont Cummons

			Data Eleme	ent Summary
M	Ref. <u>Des.</u> FOB01	Data Element 146	Name Shipment Method	of Payment Attributes M ID 2/2
			Code identifying pay	yment terms for transportation charges
			BP	Paid by Buyer
				Use to indicate a Government Bill of Lading (GBL) will be issued.
			PE	Prepaid and Summary Bill
				Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.
			PP	Prepaid (by Seller)
				Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice.
			PS	Paid by Seller
				Use to indicate transportation charges are included in the unit price.
	FOB02	309	Location Qualifier	X ID 1/2

Code identifying type of location

Use to identify the	FOB point.
DE	Destination (Shipping)
FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
IT	Intermediate FOB Point
	Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IF in N101.
KE	Port of Embarkation

Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of

				Government furnished completed end the address in the N1 loop, citing code		
			KL	Port of Loading		
				Use to indicate that the FOB Point is a Provide the address in the N1 loop, cit. N101.	-	
			KP	Government Furnished Property FOB F	oint	
				Use to indicate that the FOB point is for Government Furnished Property. Proving the N1 loop, citing code 7H in N101	vide th	
			OA	Origin (After Loading on Equipment)	•	
				Use to indicate FOB Origin with trans charges prepaid by the seller and adde item to the invoice. See FAR clause 52	ed as a	a separate
			OR	Origin (Shipping Point)		
			TM	Terminal		
				1. Use to indicate that the FOB point foutside the continental United States i transportation terminal and not at original destination. FAR clauses 52.247-38, 5 similar FAR clause may apply.	s loca gin or	eted at a
				2. When used, identify the FOB point	in FO	B03.
			W	Worldwide Geographic Location Code		
			ZZ	Use to indicate the FOB point for deliverential United States is destination point for deliveries outside the contine States is origin. Mutually Defined	n and	the FOB
			EL	Use to indicate an other FOB point, i.e origin nor at destination. Provide the c		
	FOB03	352	Description	loop, citing code KX in N101.	0	AN 1/80
	ГОВОЗ	332	-	iption to clarify the related data elements a	_	
				ode TM, use to identify the location of the		
			the 5 position Uni	ted Nations code for ports and other local accordance with the United Nations Local	tions	•
Not Used	FOB04	334	Transportation T	erms Qualifier Code	0	ID 2/2
			Code identifying the	he source of the transportation terms		
Not Used	FOB05	335	Transportation T	erms Code	X	ID 3/3
			Code identifying t	he trade terms which apply to the shipmen	t tran	sportation
			responsibility			
	FOB06	309	Location Qualifie		X	ID 1/2
			Code identifying t	* *		
			inspection locatio	the acceptance point. This code also iden n when it is the same as the acceptance p	oint.	
			inspection point b loop, citing code I	ection point differs, use the 2/LM/620 loo y coded means (Destination or Source). L1 in N101, may be used to identify the in in N1-N4 as a full address.	The 2	/N1/350
			DE	Destination (Shipping)		
			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
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- 1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/350 loop, citing code 7M in N101.
- 2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/350 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.

Not Used	FOB07	352	Description	О	AN 1/80
			A free-form description to clarify the related data elements a	nd th	eir content
Not Used	FOB08	54	Risk of Loss Code	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	Description	\mathbf{X}	AN 1/80
			A free-form description to clarify the related data elements a	nd th	eir content

DTM Date/Time Reference **Segment:**

Position:

Loop: PO1 Mandatory

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

Purpose: To specify pertinent dates and times

At least one of DTM02 DTM03 or DTM05 is required. **Syntax Notes:**

If DTM04 is present, then DTM03 is required.

If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

Notes:

1. Use this segment to provide actual dates applicable to the line item. Use the 1/DTM/150 segment when the dates apply to all of the line items.

2. Use this segment for delivery information when the required delivery can be specified as an actual date. If the delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/321 loop or the 2/LDT/462 loop if the delivery schedule is applicable to a named entity.

			Data Eleme	ent Summary	
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	DTM01	374	Date/Time Qualifie		M ID 3/3
			Code specifying type	e of date or time, or both date and time	
			002	Delivery Requested	
				Use when the delivery date of the order conform to the basic IDC instrument.	r does not
			017	Estimated Delivery	
			063	Do Not Deliver After	
				Use to indicate that deliveries cannot be specified date and/or time.	oe made after a
			064	Do Not Deliver Before	
				Use to indicate that deliveries cannot be specified date and/or time.	oe made before a
			077	Requested for Delivery (Week of)	
				When this code is used, cite the beginn	ing day of the
				week.	
			106	Required By	
				Use to indicate delivery is due exactly of specified.	on the date
			131	Item Contract Effective	
				Use with code RD8 in DTM05 to indicaperiod for a line item, e.g., a provisione the date range in DTM06.	O .
			174	Month Ending	
				Use to indicate delivery is required with month. In DTM02, identify the month calendar day of the month.	1 0
			193	Period Start	
				1. Use to indicate the start of a period or lease.	of performance
				2. When this code is used, there must be iteration of this segment citing code 19	

194	Period End
	1. Use to indicate the end of a period of performance or lease.
	2. When this code is used, there must be another iteration of this segment citing code 193 in DTM01.
275	Approved
255	Use to indicate the approval date of a Contract Data Requirements List.
277	Contract Definition Use this gode to indicate the data the Undefinitized
	Use this code to indicate the date the Undefinitized Contract Action will be definitized.
283	Funds Appropriation - Start
	1. Use this code to indicate the start of a funding
	period, e.g., for a grant.
	2. When this code is used, there must be another
	iteration of this segment citing code 284 in DTM01.
284	Funds Appropriation - End
	1. Use this code to indicate the end of a funding
	period, e.g., for a grant.
	2. When this code is used, there must be another
	iteration of this segment citing code 283 in DTM01.
368	Submittal
	When REF01 is code TN, use to indicate the date of a
375	related transaction set. Delivery Start
313	1. Use to indicate the start date/time for deliveries
	when the total quantity is to be delivered during a
	specified time period.
	2. When this code is used, there must be another
	iteration of this segment citing code 376 in DTM01.
376	Delivery End
	1. Use to indicate the end date/time for deliveries
	when the total quantity is to be delivered during a
	specified time period.
	2. When this code is used, there must be another
	iteration of this segment citing code 375 in DTM01.
600	As Of
	Use to indicate the "as of" date for submission of data.
601	First Submission
	Use to indicate the date of the first submission of a data item specified by a Contract Data Requirements
	List.
602	Subsequent Submission
	Use to indicate the date(s) of a subsequent
	submission(s) of a data item specified by a Contract
641	Data Requirements List. Option
0-1	Use with DTM02 to indicate the last date for the
	exercise of an option or with DTM05/06 to indicate the
	period during which the option may be exercised.
937	Department of Labor Wage Determination Date
	26 December 2002

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			Use to indicate the date of a Department of Wage Determination. If revisions or mod	
			applicable to a Wage Determination, cite	the date of
			the most recent revision or modification i	n DTM02.
		947	Preparation	
			Use to indicate the preparation date of a	Contract Data
		004	Requirements List.	
		994	Quote	.1 1
			When REF01 is code PR, use to indicate the quote or offer.	the date of
		996	Required Delivery	
			Use to indicate delivery is due on or before	e the
			specified date.	
DTM02	373	Date	2	X DT 8/8
		Date expressed as C	CYYMMDD	
DTM03	337	Time	2	X TM 4/8
		Time expressed in 2	4-hour clock time as follows: HHMM, or H	HMMSS, or
		HHMMSSD, or HH 59), S = integer seco	MMSSDD, where $H = \text{hours (00-23)}$, $M = 100$ and $M = $	minutes (00- cimal seconds
		Use, if applicable, t	o identify the time for a delivery. Specify ti	
DTM04	623	HHMM format. Time Code		O ID 2/2
D11104	023			
		Organization standa in hours in relation t	e time. In accordance with International Start 8601, time can be specified by a + or - are to Universal Time Coordinate (UTC) time; s + and - are substituted by P and M in the co	nd an indication since + is a
			103 is used to express a time.	
		CT	Central Time	
		ЕТ	Eastern Time	
		GM	Greenwich Mean Time	
		LT	Local Time	
		MT	Mountain Time	
		РТ	Pacific Time	
DTM05	1250	Date Time Period	1 401110 111110	X ID 2/3
DIMOS	1230			
		_	date format, time format, or date and time for tormat for a range of dates or times.	Jillat
		2 00	• • •	VA (I (ID)
		RD8	Range of Dates Expressed in Format CCY CCYYMMDD	
		RTM	Range of Time Expressed in Format HHM	M-HHMM
DTM06	1251	Date Time Period	2	X AN 1/35
		Expression of a date	e, a time, or range of dates, times or dates an	d times
		RTM in DTM06 to	ify a time range for deliveries on a specifie qualify a delivery time range, e.g., for Mar nd 4:00 PM local time. Use DTM01/02 to e.	ch 30, 1994

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

250 **Position:**

Notes:

Loop: PO1 Mandatory

Level: Detail **Usage:** Optional Max Use: 12

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

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

> If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required.

If TD514 is present, then TD513 is required.

7 If TD515 is present, then TD512 is required.

Semantic Notes: 1 TD515 is the country where the service is to be performed. **Comments:**

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

Use this segment to identify the transportation method that is applicable to a specific

line item. If the transportation method applies to all of the line items, use the

1/TD5/240 segment.

			Data Elen	nent Summary			
	Ref.	Data					
N T 4 T T N	Des.	<u>Element</u>	Name			ributes	
Not Used	TD501	133	Routing Sequence		O	ID 1/2	
				ne relationship of a carrier to a specific shi	_		
	TD502	66	Identification Co	de Qualifier	X	ID 1/2	
				the system/method of code structure used	for Ide	entification	
			Code (67)	D	<u> </u>	•	
			10	Department of Defense Activity Addre	ss Co	de	
				(DODAAC) When TD504 is code PL, use to indica	ito tha	number in	
				TD503 is the DoDAAC of the pipeline		number in	
	TD503	67	Identification Cod	le	X	AN 2/80	
			Code identifying a	party or other code			
	TD504	91	Transportation M	Iethod/Type Code	\mathbf{X}	ID 1/2	
			Code specifying the method or type of transportation for the shipment				
			1. Use any code other than code ZZ.				
				program conversion table may be requir	ed to c	convert	
			agency codes to A	SC X12 codes.			
			D Parcel Post				
				e U.S. Postal Service and not a private ca	rrior		
				eata Element Dictionary for acceptable co		nes	
Not Used	TD505	387	Routing	ata Element Dictionary for acceptable co	X	AN 1/35	
Not escu	10505	307	O	ion of the routing or requested routing for			
			originating carrier'		sinpi	nent, of the	
Not Used	TD506	368	Shipment/Order S	•	X	ID 2/2	
			-	e status of an order or shipment or the dis	nositi	on of any	
				the quantity ordered and the quantity shi			
			or transaction				
Not Used	TD507	309	Location Qualifie	r	O	ID 1/2	
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			Code identifying type of location		
Not Used	TD508	310	Location Identifier	\mathbf{X}	AN 1/30
			Code which identifies a specific location		
Not Used	TD509	731	Transit Direction Code	O	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the transit	time	
Not Used	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	\mathbf{X}	ID 2/2
			Code indicating the level of transportation service or the billing by the transportation carrier	ng se	rvice offered
			 Use any code other than code ZZ. When BEG12 is code 34, use to identify the transportation to satisfy the Emergency Requirement. 	on reg	quirements
			Refer to 004010 Data Element Dictionary for acceptable code	e valı	ues.
Not Used	TD513	284	Service Level Code	X	ID 2/2
			Code indicating the level of transportation service or the billing by the transportation carrier	ng se	rvice offered
Not Used	TD514	284	Service Level Code	O	ID 2/2
			Code indicating the level of transportation service or the billing by the transportation carrier	ng se	rvice offered
Not Used	TD515	26	Country Code	0	ID 2/3
			Code identifying the country		

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:

Not Rec.

Not Used

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

applies to a specific line item. If the information applies to all of the line items, use the

1/TD4/260 segment.

Data Element Summary

Ref.	Data								
Des.	Element	<u>Name</u>		<u>ributes</u>					
TD401	152	Special Handling Code	\mathbf{X}	ID 2/3					
		Code specifying special transportation handling instructions	Code specifying special transportation handling instructions						
		Use any code, other than code EMR and ZZZ, but the liste	ed cod	les are					
		preferred.							
		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 coo	le val	ues					
TD402	208	Hazardous Material Code Qualifier	X	ID 1/1					
		Code which qualifies the Hazardous Material Class Code (20	09)						
		Use any code.							
		Refer to 004010 Data Element Dictionary for acceptable coo	le val	ues.					
TD403	209	Hazardous Material Class Code	X	AN 1/4					
		Code specifying the kind of hazard for a material							
TD404	352	Description	\mathbf{X}	AN 1/80					
		A free-form description to clarify the related data elements a	nd the	eir content					
		Use of free form text is discouraged if the information can	be pr	ovided by					
		some other means within the transaction set.							
TD405	1073	Yes/No Condition or Response Code	O	ID 1/1					

Code indicating a Yes or No condition or response

Segment: PCT Percent Amounts

Position: 276

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose:

To qualify percent amounts and supply percent amounts

Syntax Notes: Semantic Notes:

Comments:

Notes:

Use this segment to carry percentages, other than those associated with a pricing arrangement, that apply to a specific line item. Use the 1/PCT/276 segment if the

Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are

percentages apply to all of the line item.

suppressed).

	Ref. Des.	Data <u>Element</u>	Name	Attributes
M	PCT01	1004	Percent Qualifier	M ID 1/2
			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.
			EF	Escalation Factor
				Use when CN101 is code FX.
			LM	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.
			RG	Progress Payment Rate
				Use to indicate a Progress Payment Rate other than the customary rate.
			RR	Alternate Progress Payment Liquidation Rate
M	PCT02	954	Percent	M R 1/10
			Percentage express	ed as a decimal

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.

If MAN06 is present, then MAN05 is required.

Semantic Notes:

- 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
- When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
- **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:

1. Use this segment to identify marks and numbers that apply to a specific line item. Use the 1/MAN/270 segment to identify marks and numbers that apply to all the line items.

2. Use to identify such data as MILSTRIP/DLMS/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

	Ref.	Data	Data Element Summary			
	Des.	Element	<u>Name</u>	Attr	<u>ibutes</u>	
M	MAN01	88	Marks and Numbers Qualifier	\mathbf{M}	ID 1/2	
			Code specifying the application or source of Marks and Nun	nbers ((87)	
			L Line Item Only			
\mathbf{M}	MAN02	87	Marks and Numbers	M	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a	shipn	nent	
	MAN03	87	Marks and Numbers	O	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a	a shipment		
	MAN04	88	Marks and Numbers Qualifier	X	ID 1/2	
			Code specifying the application or source of Marks and Nun	nbers ((87)	
			L Line Item Only			
	MAN05	87	Marks and Numbers	X	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a	shipn	nent	
	MAN06	87	Marks and Numbers	0	AN 1/48	
			Marks and numbers used to identify a shipment or parts of a	shipn	nent	

850 (R2) Purchase Order

Segment: MSG Message Text

Position: 289

Loop: PO1 Mandatory

Level: Detail

Usage: Optional (Not Recommended)

Max Use: >1

Notes:

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 pr

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 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. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	Attr	<u>ibutes</u>
M	MSG01	933	Free-Form Message Text	M	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	\mathbf{X}	ID 2/2
			A field to be used for the control of the line feed of the receive	ing p	rinter
Not Used	MSG03	1470	Number	O	N0 1/9
			A generic number		

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: Semantic 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 and to specify the level of classification.

Data Element Summary

		.	Data Element Summary	
	Ref.	Data	N T	A44 . 95 . 4
M	<u>Des.</u> SPI01	Element 786	Name Security Level Code	<u>Attributes</u> M ID 2/2
141	51 101	700	•	, -
			Code indicating the level of confidentiali information following	ty assigned by the sender to the
			Use to specify the level of Government s	ecurity classification or commercial
			protection level assigned to the items ide	entified in SP102/03. If the item has
			both a Government security classification	
			cite the Government security classificati	on in this data element and cite the
			commercial protection level in SPI09.	
			O6 Supplier Proprietary	
			92 Government Confid	lential
			93 Government Secret	
			94 Government Top Se	
	SPI02	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identificat	
			1. Use to identify items within the transa	· · · · · · · · · · · · · · · · · · ·
			FMS case number, drawing number, SC	
			the number or description of the item cit	lea in SF105, ij necessary.
			2. Use any code other than code ZZ.	
			Refer to 004010 Data Element Dictionary	y for acceptable code values.
	SPI03	127	Reference Identification	X AN 1/30
			Reference information as defined for a pa	articular Transaction Set or as
			specified by the Reference Identification	
	SPI04	790	Entity Title	O AN 1/132
			Title of the data entity	
			Use only if necessary to further define the	he item cited in SPI03.
Not Used	SPI05	791	Entity Purpose	O AN 1/80
			The reason for the existence of the data it	tem specified by the electronic data
			item independent of its presence in an ED	OI transaction
Not Used	SPI06	792	Entity Status Code	O ID 1/1
			Code indicating the current status of the c	data item specified by the electronic
N T	CDIO	252	data item	O TD 4/2
Not Used	SPI07	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction s	
Not Used	SPI08	755	Report Type Code	O ID 2/2
			Code indicating the title or contents of a	
	SPI09	786	Security Level Code	O ID 2/2
			Code indicating the level of confidentiali	•
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			information following		
			When SPI01 is code 92, 93, or 94, use to identify the comm	ercial	l protection
			level assigned to the item in SPI03, if applicable.		
			06 Supplier Proprietary		
Not Used	SPI10	559	Agency Qualifier Code	O	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SPI11	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the	Sourc	ce Qualifier
Not Used	SPI12	554	Assigned Number		N0 1/6
			Number assigned for differentiation within a transaction set		
Not Used	SPI13	1322	Certification Type Code	O	ID 1/1
			Code indicating the type of certification		
Not Used	SPI14	1401	Proposal Data Detail Identifier Code	O	ID 1/3
			Code identifying the basis of a cited value in a proposal		
Not Used	SPI15	1005	Hierarchical Structure Code	0	ID 4/4
			Code indicating the hierarchical application structure of a trautilizes the HL segment to define the structure of the transaction.		

Segment: TXI Tax Information

Position: 291

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

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 TXI08 is present, then TXI03 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: 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.

			Data El	ement Summary			
	Ref.	Data					
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ributes</u>	
M	TXI01	963	Tax Type Code		\mathbf{M}	ID 2/2	
			Code specifying	the type of tax			
			Use any code of	her than code ZZ.			
			Refer to 004010	Data Element Dictionary for acceptable coo	le val	ues.	
	TXI02	782	Monetary Amo	unt	\mathbf{X}	R 1/18	
			Monetary amoun	nt			
			When CUR01 in	n the 1/CUR/040 or 2/CUR/020 segment cit	es cod	le BY, the	
			•	nt identified in this data element is expresse			
				fied in CUR02 of the associated segment. It		other	
	TVIO	054		onetary amount is expressed in US dollars.		D 1/10	
	TXI03	954	Percent		X	R 1/10	
			0 1	essed as a decimal cited as follows: 4.25% will be cited as .04	125.2	0/:11 L a	
				e: leading and trailing zeros are suppressed		% will be	
Not Used	TXI04	955		n Code Qualifier	X	ID 2/2	
				g the source of the data used in tax jurisdiction			
Not Used	TXI05	956	Tax Jurisdiction	-	X	AN 1/10	
1,00 000		, ,		g the taxing jurisdiction		121 (2, 20	
	TXI06	441	Tax Exempt Co		X	ID 1/1	
		771	Code identifying exemption status from sales and use tax				
			Use any code.	, r			
			•	Data Element Dictionary for acceptable coo	le val	ues.	
	TXI07	662	Relationship Co	• •	o	ID 1/1	
			_	the relationship between entities			
			A	Add			
				Use to indicate the tax amount cited in	ı TXI	02 is to be	
				added to the total line item amount.			
			D	Delete			
				Use to indicate the tax amount cited in			
				deleted from the total line item amoun	t prop	osed in the	
			T	Response to the Solicitation.			
			I	Included			

Use to indicate the tax amount cited in TXI02 is included in the total line item amount. TXI08 828 **Dollar Basis For Percent** R 1/9 Dollar basis to be used in the percent calculation of the allowance, charge or **TXI09** 325 **Tax Identification Number** 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. 350 **Assigned Identification** TXI10 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 2. Use only when TXI07 is code A.

Segment: SCH Line Item Schedule

Position: 295

Loop: SCH Optional

Level: Detail
Usage: Optional
Max Use: 1

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

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

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

Semantic Notes: 1 SCH12 is the schedule identification.

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

Notes: Use this segment to describe a partial delivery when it can be specified as an actual date and there is only one ship-to address. If there is more than one entity receiving

partial shipments, use the 2/SCH/415 segment.

	Ref.	Data		•				
	Des.	Element	Name			ributes_		
M	SCH01	380	Quantity		M	R 1/15		
			Numeric value of					
M	SCH02	355		Measurement Code	M	ID 2/2		
				he units in which a value is being expressed	d, or r	nanner in		
				which a measurement has been taken Use any code other than code ZZ.				
			1. Ose any coue o	mer mun coue ZZ.				
			2. An application agency codes to	program conversion table may be require ASC X12 codes.	ed to c	convert		
			Refer to 004010 I	Data Element Dictionary for acceptable cod	le val	ues.		
Not Used	SCH03	98	Entity Identifier	Code	O	ID 2/3		
			Code identifying individual	an organizational entity, a physical location	ı, proj	perty or an		
Not Used	SCH04	93	Name		\mathbf{X}	AN 1/60		
			Free-form name					
M	SCH05	374	Date/Time Quali	fier	\mathbf{M}	ID 3/3		
				ype of date or time, or both date and time				
			002	Delivery Requested				
				Use when the delivery date of the order	r does	s not		
				conform to the basic IDC instrument.				
			017	Estimated Delivery				
			063	Do Not Deliver After				
				Use to indicate that deliveries cannot be	be ma	de after a		
			064	specified date and/or time. Do Not Deliver Before				
			004	Use to indicate that deliveries cannot l	ho ma	de hefore a		
				specified date and/or time.	ic mu	ue bejore u		
			077	Requested for Delivery (Week of)				
				When this code is used, cite the beginn week.	ing d	ay of the		
			106	Required By				
				Use to indicate that deliveries are due specified date.	exact	ly on the		
			174	Month Ending				

				When this code is used cite the last dat	e of t	he month
			103		coji	ne month.
			193	1 0110 0 10 1011	of not	forman <i>ce</i>
				or lease.	η ρει	joimunce
					st be	cited in
			358			
			330	When this code is used, code 359 must be	be cit	ed in
			275			
			3/3		u dal	ina vi as
				2. When this code is used, code 376 mu SCH08.	st be	cited in
			996	Required Delivery		
	2. When this code is used, code 194 must be cited in SCH08. 358					
				specified date.		
M	SCH06	373	2		M	DT 8/8
	COTTON	225	=	CCYYMMDD	_	TDN # 4/0
	SCH07	337			_	
			HHMMSSD, or HH 59), S = integer seco are expressed as fol <i>Use, if applicable, t</i>	IMMSSDD, where H = hours (00-23), M = onds (00-59) and DD = decimal seconds; olows: D = tenths (0-9) and DD = hundredt	= mir decin hs (0	nutes (00- nal seconds (0-99)
	SCH08	374	•	ar	Y	ID 3/3
	SCHOO	374	=		21	10 3/3
			003	Use to indicate that deliveries cannot be	e ma	de after a
			194	2 0		
					be cit	ed in
			359	Cycle End		
					be cit	ted in
			376			
					be cit	ed in
	SCH09	373	Date		\mathbf{X}	DT 8/8
			Date expressed as C	CCYYMMDD		
	SCH10	337	Time		\mathbf{X}	TM 4/8
			HHMMSSD, or HH 59), S = integer seco	MMSSDD, where H = hours (00-23), M = onds (00-59) and DD = decimal seconds; olows: D = tenths (0-9) and DD = hundredt	= mir decin hs (0	nutes (00- nal seconds
			TT 11			
				to identify the time for a delivery. Specify	time	
Not Used	SCH11	326			time O	

contract number)

Not Used SCH12 350 Assigned Identification O AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

Segment: PKG Marking, Packaging, Loading

Position: 305

Loop: PKG Optional

Level: Detail Usage: Optional

Max Use:

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

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

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

Semantic Notes: Comments:

- 1 PKG04 should be used for industry-specific packaging description codes.
- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 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:

Ref.

Data

- 1. Use this segment when packaging requirements apply to specific line items. Use the 1/PKG/220 segment when the packaging requirements apply to all of the line items.
- 2. 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.
- 3. 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.
- 4. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.

_					
Des.	Element	<u>Name</u>			<u>ibutes</u>
PKG01	349	Item Description T	ype	\mathbf{X}	ID 1/1
		Code indicating the	format of a description		
		F	Free-form		
		S	Structured (From Industry Code List)		
		X	Semi-structured (Code and Text)		
PKG02	753	Packaging Charact	teristic Code	O	ID 1/5
		Code specifying the being described	marking, packaging, loading and related	chara	acteristics
		Use the listed codes	to identify the applicable packaging req	uiren	nents.
		CD	Cleaning or Drying Procedure		
		CT	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 Qualifi	ier Code	X	ID 2/2
		Code identifyin	g the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GS	A)	
		ZZ	Mutually Defined		
			Use to indicate a Federal activity oth GSA.	er than	DOD or
PKG04	754	Packaging Des	scription Code	X	AN 1/7
		 The actual of the PKG02 can be actual of the PKG02. Whenever a second of the PKG02. 	iging or loading and unloading of a product codes associated with the packaging chara be found in Code Source List 197 (MIL-State code used in PKG04 requires an explanation of the packaging and the code used in PKG05.	cteristic TD 207.	3-1C).
PKG05	352	Description		X	AN 1/80
		A free-form des	scription to clarify the related data elements	s and the	eir content
		Instructions. If of this data elected to the KD in N9 2. Use of free for	de Supplemental Instructions or Special Post the information to be provided exceeds the ment, provide the information in the 2/N9/01. Sorm text is discouraged if the information ans within the transaction set.	e maxii /330 loo	mum length op, using
PKG06	400	Unit Load Opt	tion Code	X	ID 2/2
		Code identifying	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:

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: Notes:

1 See Figures Appendix for an explanation of the use of the LS and LE segments. Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.

Data Element Summary

	Kei.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
\mathbf{M}	LS01	447	Loop Identifier Code	M AN 1/6

The loop ID number given on the transaction set diagram 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: 7

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:

Ref.

1. Use this loop when the delivery schedule is expressed as a set time period after the occurrence of some event, and varies by line item. If the delivery schedule applies to all of the line items, use the 1/LDT/160 segment.

- 2. If this segment is used, the 2/DTM/210 segment is not used to describe a delivery schedule.
- 3. The following are examples of how this LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after date of order.

LDT*AY*180*DA n/l QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.

LDT*AY*180*DA n/l OTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is complete.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

Data

	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the	time range
			AD	From date of sample approval to first product shipment
			AE	From date of PO receipt to shipment
			AF	From date of PO receipt to delivery
			АН	From Date of Receipt of First Article to First Article Approval
			AI	From Date of a Specified Event to Delivery
				Use to indicate a lead time for delivery that is based

				upon the specific event identified in the segment.	2/M	SG/323
			AJ	From Date of First Delivery to Date of Su	ıbse	equent
				Delivery(ies)		
			AK	From Date Of Latest Delivery To Final D		•
			AM	From Date Of Previous Delivery To Date Delivery		-
			AR	From Date of Award to Government Reco	•	
			AV	From Date of Award to Date of Latest De	live	ry
			AW	From Date of Award to Date of Earliest D	eliv)	very
			AX	From Date of Award to Date of Completi	on	
				Use to indicate the completion date, e.g., effort.	for	a level of
			AY	From Date of Award to Date of Delivery		
			AZ	From Date of Receipt of Item to Date of	App	roval of Item
				Use this code to indicate the lead time for		
				of an item or the acceptance of an item i		fferent
			ВС	than specified in the Prompt Payment Ac From Date of Award to Commencement of		arfarmanaa
			_			
			BD	From Date of Award to Date of Option E		
			BE	From Date of Option Exercise to Date of		=
			BG	From Date of a Specified Event to Date o Exercise	ı Oj	ption
				Identify the specified event in the 2/MSO	7/32	3 segment.
M	LDT02	380	Quantity	** * *	M	R 1/15
			Numeric value of	quantity		
M	LDT03	344	Unit of Time Peri		M	ID 2/2
			Code indicating th	ne time period or interval		
			CY	Calendar Year		
			DA	Calendar Days		
			DW	Work Days		
			KK	Maximum Calendar Days		
				Use to indicate a flexible time period, e.g	., X	number
				of days or less.		
			MO	Month		
			QY	Quarter of a Year		
			SA	Semiannual		
			WK	Weeks		
Not Used	LDT04	373	Date		O	DT 8/8
			Date expressed as	CCYYMMDD		

Segment: QTY Quantity

Position: 322

Loop: LDT 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.

 $\textbf{Semantic Notes:} \qquad \textbf{1} \qquad \text{QTY04 is used when the quantity is non-numeric.}$

Notes:

Comments:

1. Use this segment to specify the quantity of an item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.

2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.

			Data Elem	ent Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
M	QTY01	673	Quantity Qualifier		\mathbf{M}	ID 2/2
			Code specifying the	type of quantity		
			1J	Due		
				Use to indicate the quantity to be delive	ered.	
			1K	Time Units		
				Use to indicate the length of the deliver	y pei	riod.
			SA	Shipments		
				Use to indicate the number of shipmen	ts ex _l	pected to
				complete the deliverable quantity.		
	QTY02	380	Quantity		\mathbf{X}	R 1/15
			Numeric value of qu	antity		
			1. When QTY01 is o	code 1J, cite the quantity to be delivered.		
				code 1K, cite the length of the delivery po		
				l in QTY03 identify the time measuremen	nt of	the delivery
	QTY03	C001	period, e.g., months Composite Unit of		0	
	Q1103	CUUI	•		_	1
			of use)	osite unit of measure (See Figures Appen	aix io	or examples
M	C00101	355	Unit or Basis for M	leasurement Code	\mathbf{M}	ID 2/2
			Code specifying the	units in which a value is being expressed	, or n	nanner in
			which a measureme			
			1. Use any code oth	er than code ZZ.		
			2 An application p	program conversion table may be require	ed to	convert
			agency codes to AS			
			<i>V</i>			
			DA Days			
				le 1J, use to indicate frequency of delive	ry. V	Vhen QTY01
			is code 1K, use to in	idicate the length of the delivery period.		
			MO Months			
			MUILLIS			

Not Used

61

QTY04

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period. Q1 Quarter (Time) When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period. WK Week When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period. When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period. Refer to 004010 Data Element Dictionary for acceptable code values. Not Used C00102 1018 **Exponent** R 1/15 Power to which a unit is raised Not Used C00103 649 R 1/10 Multiplier Value to be used as a multiplier to obtain a new value Not Used C00104 355 **Unit or Basis for Measurement Code** ID 2/2Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **Not Used** C00105 1018 **Exponent** O R 1/15 Power to which a unit is raised Not Used 649 R 1/10 C00106 Multiplier Value 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 1018 Not Used C00108 O R 1/15 **Exponent** Power to which a unit is raised Not Used C00109 649 Multiplier R 1/10 Value to be used as a multiplier to obtain a new value 355 Not Used C00110 **Unit or Basis for Measurement Code** O ID 2/2Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Not Used C00111 1018 **Exponent** O R 1/15 Power to which a unit is raised Not Used C00112 649 Multiplier R 1/10 Value to be used as a multiplier to obtain a new value Not Used C00113 355 **Unit or Basis for Measurement Code** O ID 2/2Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Not Used C00114 1018 R 1/15 **Exponent** Power to which a unit is raised Not Used 649 R 1/10 C00115 Multiplier Value to be used as a multiplier to obtain a new value

X AN 1/30

Free-Form Message

Free-form information

MSG Message Text **Segment:**

323 **Position:**

> Loop: LDT Optional

Level: Detail **Usage:** Optional Max Use:

Purpose: To provide a free-form format that allows the transmission of text information

Syntax Notes: If MSG03 is present, then MSG02 is required.

Semantic Notes: MSG03 is the number of lines to advance before printing. MSG02 is not related to the specific characteristics of a printer, but identifies top of **Comments:**

page, advance a line, etc.

If MSG02 is "AA - Advance the specified number of lines before print" then MSG03

is required.

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

	Ref.	Data	•		
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
M	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	\mathbf{X}	ID 2/2
			A field to be used for the control of the line feed of the receive	ing p	rinter
Not Used	MSG03	1470	Number	O	N0 1/9
			A generic number		

Segment: REF Reference Identification

Position: 324

Loop: LDT Optional

Level: Detail
Usage: Optional
Max Use: 3

Purpose: To specify identifying information

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

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.

			Data E	Element Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	REF01	128	Reference Idea	ntification Qualifier	M	ID 2/3
			Code qualifying	g the Reference Identification		
			1Z	Financial Detail Code		
			ACT	Accounting Code		
			AT	Appropriation Number		
				When used, cite the number in REF	3.	
			AX	Government Accounting Class Refere (ACRN)	nce Nu	ımber
			BL	Government Bill of Lading		
			FU	Fund Code		
			IL	Internal Order Number		
				Use to indicate the requisition (MILSTRIP/DLMS/FEDSTRIP docu	ment)	number.
			P4	Project Code		
			TG	Transportation Control Number (TCN)	
			TH	Transportation Account Code (TAC)		
	REF02	127	Reference Idea	ntification	\mathbf{X}	AN 1/30
	REF03	352		rmation as defined for a particular Transaction Reference Identification Qualifier	on Set	or as AN 1/80
			A free-form de	scription to clarify the related data elements	and th	eir content
			When REF01	is code AT, use to identify the appropriation	numb	ber.
Not Used	REF04	C040	Reference Ide	ntifier	О	
			To identify one	e or more reference numbers or identification	numb	ers as
				e Reference Qualifier		
Not Used	C04001	128		ntification Qualifier	M	ID 2/3
				g the Reference Identification		
Not Used	C04002	127	Reference Idea		M	AN 1/30
				rmation as defined for a particular Transaction	on Set	or as
Not Used	C04003	128		e Reference Identification Qualifier ntification Qualifier	X	ID 2/3
Not Useu	C04003	120		_	Λ	ID 2/3
Na4 II.a.J	C04004	107		g the Reference Identification	v	A NI 1/20
Not Used	C04004	127	Reference Idea		X	AN 1/30
				rmation as defined for a particular Transaction Reference Identification Qualifier	on Set	or as
004010F850	2		specified by the	e Reference identification Quantites	26 D	ecember 2002

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

LM Code Source Information **Segment:**

Position:

Loop: LM Optional

Level: Detail **Usage:** Optional

Max Use:

Purpose: To transmit standard code list identification information

Syntax Notes: Semantic Notes:

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

Notes: Use this loop to provide the codes from DoD 5010.12-M that identify the frequency of

delivery for a Contract Data Requirements List (CDRL) data item.

	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
M	LM01	559	Agency Q	ualifier Code	M	ID 2/2
			Code iden	tifying the agency assigning the code values		
			DF	Department of Defense (DoD)		
Not Used	LM02	822	Source Su	bqualifier	O	AN 1/15
			A reference	e that indicates the table or text maintained by the	Sourc	e Qualifier

LQ Industry Code **Segment:**

326 **Position:**

> Loop: LM Optional

> > 1271

Level: Detail **Usage:** Mandatory

Max Use: >1

Purpose: Code to transmit standard industry codes **Syntax Notes:** If LQ01 is present, then LQ02 is required.

Industry Code

Semantic Notes: Comments:

LQ02

Data Element Summary

Ref. Data Des. **Element** Name **Attributes** LQ01 1270 **Code List Qualifier Code** O ID 1/3 Code identifying a specific industry code list FX Frequency Use to indicate the delivery frequency code for a data item deliverable on a Contract Data Requirements List. AN 1/30

Code indicating a code from a specific industry code list

LE Loop Trailer **Segment:**

327 **Position:**

> Loop: PO1 Mandatory

Level: Detail **Usage: Optional**

Max Use: **Purpose:**

To indicate that the loop immediately preceding this segment is complete

Syntax Notes: Semantic Notes:

One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", 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 beginning segment. The loop ID number is given on the transaction set diagram

in the appropriate ASC X12 version/release.

Comments: See Figures Appendix for an explanation of the use of the LE and LS segments. **Notes:**

Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent

collision between segments.

Data Element Summary

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	LE01	447	Loop Identifier Code	M AN 1/6

The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Cite the letters LDT.

N9 Reference Identification **Segment:**

Position: 330

> Loop: N9 Optional

Level: Detail **Usage:** Optional

Max Use:

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

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

- If N906 is present, then N905 is required.
- If either C04003 or C04004 is present, then the other is required. 3 4 If either C04005 or C04006 is present, then the other is required.
- **Semantic Notes:** N906 reflects the time zone which the time reflects.
 - N907 contains data relating to the value cited in N902.

Comments:

Notes:

1. Use this loop to identify various clauses (e.g., FAR, DFARS, GSARS, VAARS, Agency, or other clauses), OMB Circular, special instructions, or other references that are applicable to a specific line item. If the information applies to all of the line items, use the 1/N9/295 loop.

- 2. When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date MUST be cited in the following MSG segment.
- 3. 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.

	Data Element Summary							
M	Ref. <u>Des.</u> N901	Data Element 128	<u>Name</u> Reference Identific	cation Qualifier	Attributes M ID 2/3			
			Code qualifying the	Reference Identification				
			5N	Citation of Statute				
				Use to indicate the legislative authorization which the line item is awarded. Cite the program title in N903.				
			73	Statement of Work (SOW)				
				If a Statement of Work is part of the aw 2/PWK/070 segment can be used to ide being provided.				
			ADA	Agency for International Development A Regulation (AIDAR)	Acquisition			
			CJ	Clause Number				
				1. Use to indicate a purchasing activity clause not found in FAR, DFARS, etc., purchasing activity issuing the clause it). Identify the			
				2. DO NOT use for a purchasing active related clause. Use code H5 in that ins	* * *			
			DF	Defense Federal Acquisition Regulation	s (DFAR)			
				If the DFARS clause has a Modification Deviation, identify that condition in Nother full clause text in the following MS	903 and provide			
			DHH	Department of Health and Human Servi Regulation (HHSAR)	ces Acquisition			
			DOA	Department of Agriculture Acquisition (AGAR)	Regulation			
			DOC	Department of Commerce Acquisition R	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
DOT	(TAR)
DTS	Department of the Treasury Acquisition/Procurement
	Regulation (TAPR)
DX	Department/Agency Number
	1. Use to indicate an Agency clause and identify the
	agency in N903.
	2. DO NOT use for an Agency payment related clause.
	Use code H5 in that instance.
EC	Circular
	Use to indicate an Office of Management and Budget
	(OMB) circular number.
EDA	Department of Education Acquisition Regulation (EDAR)
EPA	Environmental Protection Agency Acquisition Regulation
T.A	(EPAAR)
FA	Federal Acquisition Regulations (FAR)
	If the FAR clause has a Modification, Variation or Deviation, identify that condition in N903 and provide
	the full clause text in the following MSG segment.
GS	General Services Administration Regulations (GSAR)
H5	Special Clause
	Use this code only to indicate local, purchasing activity
	or agency payment related information. DO NOT use
	for a FAR or DFARS payment related clause. Use
TITE	either code FA or DF in that instance.
HT	Code of Federal Regulations
HUD	Department of Housing and Urban Development Acquisition Regulation (HUDAR)
K7	Paragraph Number
	1. Use to provide information for a contractor. Cite
	an applicable number in N902 and provide the
	information in the following MSG segment.
	2 DO NOT f
	2. DO NOT use for payment related information. Use code H5 for that purpose.
KD	Special Instructions Number
	1. 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.
	2. DO NOT use for payment related special
	instructions. Use code H5 for that purpose.
KY	Site Specific Procedures, Terms, and Conditions
	DO NOT use for payment related terms and
	conditions. Use code H5 for that purpose.
KZ	Master Solicitation Procedures, Terms, and Conditions

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Not Used

Not Used

Not Used

Not Used

Not Used

				. Use to indicate the Master Solicitation ontains applicable terms and condition		mber that
				2. DO NOT use for payment related ter		nd
			NAS N	National Aeronautics and Space Administrational Aeronautics and Space Administrational Aeronautics and Space Administration and Space Administration and Space Administration and Space Administration and Space Administra		on FAR
			VB D	Supplement (NFS) Department of Veterans Affairs Acquisit VAAR)	ion F	Regulations
			XY	Other Unlisted Type of Reference Numb		
			s _i	Use to indicate any other reference that pecific qualifier code. Indicate the sound ference in N903 and use the following egment, if necessary, to pass text.	rce o	f the
	N902	127	Reference Identificat		X	AN 1/30
	N903	369		n as defined for a particular Transaction ence Identification Qualifier on	Set o	or as AN 1/45
			Free-form descriptive t			
			1. When N901 is code activity issuing the clo	cCJ or DX, use to identify the agency of cuse cited in N902.	r pui	rchasing
				XY, use to identify the source of the regment for text, if necessary.	ferei	nce and use
			Variation, or Deviation	e DF or FA and the clause has a Modion, identify that condition by citing "Valiations, and "DEV" for Deviation.		
			4. Use also to carry a N901.	dditional information related to the ref	eren	ce cited in
			some other means wit	xt is discouraged if the information cal hin the transaction set.		
	N904	373	Date Date expressed as CC	VVMMDD	O	DT 8/8
			*	te of the clause cited in N902. The DD	(day) portion of
l	N905	337	Time		X	TM 4/8
			HHMMSSD, or HHM	hour clock time as follows: HHMM, or MSSDD, where H = hours (00-23), M = ds (00-59) and DD = decimal seconds; of the seconds of the seconds of the seconds.	= min	utes (00-
	NIOOC	(22	are expressed as follow	ws: D = tenths (0-9) and DD = hundredt	hs (0	0-99)
ı	N906	623	Time Code Code identifying the ti	ime. In accordance with International So	O tanda	ID 2/2 rds
			Organization standard in hours in relation to	8601, time can be specified by a + or - Universal Time Coordinate (UTC) time and - are substituted by P and M in the	and a	n indication e + is a
l	N907	C040	Reference Identifier	•	0	
			To identify one or more specified by the Reference	re reference numbers or identification n	umbe	ers as
l	C04001	128	Reference Identificat	~	M	ID 2/3
_				eference Identification	_	
l	C04002	127	Reference Identificat		M Set of	AN 1/30
				n as defined for a particular Transaction ence Identification Qualifier	set o	or as

Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	\mathbf{X}	AN 1/30
Not Used	C04005	128	Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier Reference Identification Qualifier	n Set X	or as ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	n Set	or as

Segment: MSG Message Text

Position: 340

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: 1000

Purpose: 7

To provide a free-form format that allows the transmission of text information

Syntax Notes:

If MSG03 is present, then MSG02 is required.

Semantic Notes: Comments:

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.

Notes:

- 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, and the clause alternate identifier with date if applicable, 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 fill-ins 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 (Apr 1984)|3|

MSG*1. 30

MSG*2. 30 Sep 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 I|3|30|Sep 30, 1995|Jan 15, 1995|

	Ref.	Data			
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
M	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	\mathbf{X}	ID 2/2
			A field to be used for the control of the line feed of the receive	ing p	rinter
Not Used	MSG03	1470	Number	O	N0 1/9
004010F850_2				26 D	ecember 2002

A generic number

N₁ Name **Segment:**

Position:

Loop: N1 Optional

Level: Detail **Usage: Optional**

Max Use:

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

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

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

Semantic Notes:

Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- N105 and N106 further define the type of entity in N101.

Notes:

- 1. Use the loop to identify organizations and 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.
- 2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.
- 3. When this segment is used to provide a ship-to address for distribution of a data item on a Contract Data Requirements List, N102 should be used to specify the office symbol or code within the receiving organization, if necessary.

M	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	Name Entity Identifier C	odo	Attributes M ID 2/3
IVI	NIUI	96	•	organizational entity, a physical location	
			28	Subcontractor	
			31	This code may be used to identify the wproviding the item or service identified 2/PO1/010 segment and who is author be paid for the item or service. Postal Mailing Address	l in the
				Use only when an actual mailing addr and it is different from the address pro other qualifier code. Do not use if anot code can be used to pass this address. I the name of the party in N102 and the necessary.	vided for any ther qualifier When used, cite
			56	Servicing Dealer	
				Use to indicate a dealer who services a is the location to obtain service, such a	•
			61	Performed At	
				Use to indicate additional places of per this line item when other than the addi- with code SE or FA in the 1/N1/310 se	ress identified
			7D	Contracting Officer Representative	
			7G	Hazardous Material Office	
				Use to indicate the installation Hazara Safety Office serving the ship-to locati	
			7H	Government Furnished Property FOB P	Point

7L	Preliminary Inspection Location
	Use to indicate the inspection location for a first
71.4	article.
7M	Inspection and Acceptance Location
	Use to indicate the inspection and acceptance point when both are at the same location but the location is
7P	neither at origin nor at destination. Transportation Office
88	Approver
00	Use to indicate the party approving a Contract Data
	Requirements List.
9P	Investigator
	Use to indicate the principal Grant Investigator's
	organization if other than the selling party.
AE	Additional Delivery Address
	Use to indicate a shipment in-place location.
AF	Authorized Accepting Official
	Use this code to identify the organization that is authorized to accept the goods or services. When used,
	N103 must cite code 1, 9 or 10.
BT	Bill-to-Party
	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
	Use to indicate a dealer or reseller of products.
DS	Distributor
	Use to indicate a distributor of products.
FA	Facility
	Use to indicate the principal place of performance when other than the address identified with code SE in
	the 1/N1/310 segment.
HMI	Material Safety Data Sheet (MSDS) Recipient
	Use to indicate the Agency's Hazardous Material
	Information System (HMIS) central focal point to
IF	whom Material Safety Data Sheets are to be sent. International Freight Forwarder
н	Use in conjunction with the 2/FOB/180 segment,
	FOB02 code IT.
IS	Party to Receive Certified Inspection Report
KF	Audit Office
KG	Project Manager
	Use to indicate the Government organization
	responsible for a project to include the advisor under a
VV	Grant.
KX	Free on Board Point When FORON is and KE KL on 77 use to specify the
	When FOB02 is code KE, KL, or ZZ, use to specify the

****	other FOB point.
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.
KZ	Acceptance Location
	Use when the acceptance point is other than at origin
	or destination.
L1	Inspection Location
	Use to indicate the inspection location when it has to
	be described as an address which is neither origin nor
OI	destination.
OI	Outside Inspection Agency
	Use to indicate the inspection activity is other than the Contract Administration Office.
P1	Preparer
	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
PO	Party to Receive Invoice for Goods or Services
	Use to indicate where the invoice should be mailed.
PP	Property
	Use this code to indicate the Government Property
	Office.
PR	Payer
DILI	Use to indicate the paying office.
PW	Pick Up Address
R6	Requester
	Use to indicate the requesting agency/activity.
RI	Remit To
	Use to indicate the place to send payment if it is
	different from the contractor's address, e.g., a bank, financial office location, etc.
SM	Party to Receive Shipping Manifest
ST	Ship To
	If the address is an FPO or APO, use the appropriate
	code in N101, cite FPO or APO in N102 and in N401,
	cite the two letter identifier (AA for Miami, AE for
	New York, AP for San Francisco) in N402, and cite
C.V.	the zip code in N403.
SV	Service Performance Site
	Use to indicate the location where a service, e.g., grass cutting, is to be performed.
TS	Party to Receive Certified Test Results
VN	Vendor
,	When BEG02 is code KA, KB, KD, KE, KI, KQ, or KR,
	this code may be used to identify the vendor who is
	providing the item or service identified in the
	2/PO1/010 segment. This code may be used in those
	instances when a award is made to a consortium but

				the item or service is provided by a member of the consortium.		
			X2	Party to Perform Packaging		
			Z 4	Owning Inventory Control Point		
			Z 7	Mark-for Party		
			ZD	Party to Receive Reports		
Not Rec.	N102	93	Name	X AN	1/60	
			Free-form name			
Rec	N103	66	Identification Code	e Qualifier X ID 1	/2	
			Code designating the Code (67)	e system/method of code structure used for Identification	ation	
			1	D-U-N-S Number, Dun & Bradstreet		
				Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.	1	
			9	D-U-N-S+4, D-U-N-S Number with Four Character		
				Suffix	,	
				Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.	ı	
			10	Department of Defense Activity Address Code		
				(DODAAC)		
				Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.		
			33	Commercial and Government Entity (CAGE)		
			38	Country Code		
				Use in conjunction with N101 code CY and cite the position ISO 3166 country code in N104.	e 2	
			A2	Military Assistance Program Address Code (MAPA	AC)	
Rec	N104	67	Identification Code	X AN 2	2/80	
			Code identifying a p	party or other code		
Not Used	N105	706	Entity Relationship	p Code O ID 2	/2	
			Code describing ent	ity relationship		
Not Used	N106	98	Entity Identifier C	ode O ID 2	/3	
			Code identifying an individual	organizational entity, a physical location, property of	or an	

Segment: N2 Additional Name Information

Position: 360

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

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

Syntax Notes: Semantic Notes:

Comments:

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

Segment: N3 Address Information

Position: 370

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes: Semantic Notes:

Comments:

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

Segment: N4 Geographic Location

Position: 380

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

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.

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

Notes: This segment is not necessary when the entity cited in N101 is described by a code in

N103/N104.

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

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 that is to be distributed, use this segment to identify the quantity of

regular, draft or reproducible copies required.

Data Element Summary

	Ref.	Doto	Data Elem	ent Summary		
	Des.	Data Element	<u>Name</u>		Δttı	ibutes
M	QTY01	673	Quantity Qualifier		M	ID 2/2
			Code specifying the			
			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 qu	aantity		
Not Used	QTY03	C001	Composite Unit of	Measure	O	
				osite unit of measure (See Figures Appen	dix f	or examples
Na4 Haad	C00101	255	of use)	Incompany of Code	N	ID 2/2
Not Used	C00101	355	Unit or Basis for M		M	ID 2/2
			which a measureme	units in which a value is being expressed	i, or i	nanner in
Not Used	C00102	1018	Exponent	ne nus seen tuken	o	R 1/15
			Power to which a un	nit is raised		
Not Used	C00103	649	Multiplier		0	R 1/10
			Value to be used as	a multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for M	leasurement Code	O	ID 2/2
				units in which a value is being expressed	l, or r	nanner in
N 4 T 1	C00105	1010	which a measureme	nt has been taken	_	D 1/15
Not Used	C00105	1018	Exponent		O	R 1/15
Na4 Haad	C00106	(40	Power to which a un	nit is raised	•	D 1/10
Not Used	C00106	649	Multiplier	a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for M	-	O	ID 2/2
Not Oseu	C00107	333		units in which a value is being expressed	_	
			which a measureme		, 01 1	namiei in
Not Used	C00108	1018	Exponent	ne mas seen taken	O	R 1/15
			Power to which a un	nit is raised		
Not Used	C00109	649	Multiplier		0	R 1/10
			Value to be used as	a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for M	leasurement Code	O	ID 2/2
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			Code specifying the units in which a value is being expresse which a measurement has been taken	ed, or r	nanner in
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value 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 which a measurement has been taken	ed, or r	nanner in
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	QTY04	61	Free-Form Message	\mathbf{X}	AN 1/30
			Free-form information		

REF Reference Identification **Segment:**

Position:

Loop: N1 Optional

Level: Detail **Usage:** Optional Max Use: 12

Purpose: To specify identifying information

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

> 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:

Notes:

REF04 contains data relating to the value cited in REF02.

Use this segment to identify reference numbers applicable to a ship-to location, i.e., when N101 is code ST. The number cited can be a reference number or a code used in place of financial accounting data, e.g., an ACRN, fund code, etc.; a transportation control number; a GBL number; a requisition number; or the financial accounting number.

Data Element Summary

			Data l	Element Summary		
	Ref.	Data				
	Des.	<u>Element</u>	Name V	10 10 No		ributes
M	REF01	128		entification Qualifier	M	ID 2/3
				ng the Reference Identification		
			1Z	Financial Detail Code		
			ACT	Accounting Code		
			AT	Appropriation Number		
				When used, cite the number in REF0	<i>3</i> .	
			AX	Government Accounting Class Referer (ACRN)	ice Nu	mber
			BL	Government Bill of Lading		
			FU	Fund Code		
			IL	Internal Order Number		
				Use to indicate the requisition (MILSTRIP/DLMS/FEDSTRIP docu	ment)	number.
			P4	Project Code		
			TG	Transportation Control Number (TCN))	
			TH	Transportation Account Code (TAC)		
			XE	Transportation Priority Number		
	REF02	127	Reference Ide	entification	\mathbf{X}	AN 1/30
				ormation as defined for a particular Transaction	on Set	or as
	REF03	352	Description	e Reference Identification Qualifier	X	AN 1/80
	1121 00		_	escription to clarify the related data elements	and the	
				is code AT, use to identify the appropriation		
Not Used	REF04	C040	Reference Ide	** ** *	0	
Not Oscu	KLI 04	C040		e or more reference numbers or identification	_	erc ac
				e Reference Qualifier	Hullio	cis as
Not Used	C04001	128		entification Qualifier	M	ID 2/3
			Code qualifyin	ng the Reference Identification		
Not Used	C04002	127	Reference Ide		M	AN 1/30
				ormation as defined for a particular Transaction Reference Identification Qualifier	on Set	or as
Not Used	C04003	128		entification Qualifier	X	ID 2/3
004010E950	•			-	16 D	
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			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transacti	on Set	or as
			specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	\mathbf{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 Transacti specified by the Reference Identification Qualifier	on Set	or as

PER Administrative Communications Contact **Segment:**

400 **Position:**

> Loop: N1 Optional

Level: Detail **Usage:** Optional Max Use:

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

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

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

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

Semantic Notes: Comments:

Notes:

Use this segment to provide communications contacts associated with the entities cited

in the same N1 loop.

	Data Element Summary							
	Ref.	Data						
	Des.	Element	<u>Name</u>			<u>butes</u>		
M	PER01	366	Contact Function 		M	ID 2/2		
			Code identifying the	e major duty or responsibility of the perso	on or g	roup named		
			AV	Advisor				
				Use in conjunction with N101 code KG Government technical representative with the contractor on basic R&D effort particular science area.	vho wi	ill work		
			CD	Contract Contact				
				Use in conjunction with N101 code 7D Contracting Officer's Representative.	to ina	licate the		
			HM	Hazardous Material Contact				
				Use in conjunction with N101 code 7G	•			
			IC	Information Contact				
				Use with an applicable N101 code to in information point of contact when no applies.				
			KC	Accepting Official				
				Use in conjunction with N101 code ST accepting official at destination.	to ind	licate the		
			NT	Notification Contact				
				Use in conjunction with N101 code ST the 2/CSH/142 segment cites code NC, party to be contacted for shipping instr	to ind	licate the		
			PP	Program Manager				
				1. Includes Grants Project Officer	V.C			
			D.E.	2. Use in conjunction with N101 code	KG.			
			RE	Receiving Contact	1 -			
				Use in conjunction with N101 code ST the 2/CSH/142 segment cites code NC,	to ind	licate the		
	PER02	93	Nomo	party to be contacted for to schedule a		ent. AN 1/60		
	reku2	93	Name		O	AN 1/00		

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 1	Communication Number Qualifier		
		Code identifying t	he type of communication number		
		AU	Defense Switched Network		
		EM	Electronic Mail		
		FX	Facsimile		
		IT	International Telephone		
			Include the country code.		
		TE	Telephone		
			Use to indicate the commercial teleph	one ni	umber of
			the individual cited in PER02. Includ	e the a	rea code.
PER04	364	Communication 1	Number	\mathbf{X}	AN 1/80
		_	nications number including country or are	a code	when
		applicable	er than those associated with code EM, s	hall ha	tuansmitted
			r than those associated with code EM, st umber with no extraneous characters. J		
			phone number, concatenate the letter X_{μ}		
			umber, e.g., 17035551212X123.		
PER05	365	Communication 1	Number Qualifier	X	ID 2/2
			he type of communication number		
		0.0	econd communications number for the p	•	
		PER02. For exam be used to cite a F	ple, if PER03/04 cites a telephone numb	er, PE	CR05/06 can
		AU	Defense Switched Network		
		EM	Electronic Mail		
		FX	Facsimile		
		IT	International Telephone		
		11	Include the country code.		
		TE	Telephone		
		1L	Use to indicate the commercial teleph	one ni	umber of
			the individual cited in PER02. Includ		•
PER06	364	Communication 1	Number	X	AN 1/80
		-	nications number including country or are	a code	e when
		applicable	11 1		
			r than those associated with code EM, stumber with no extraneous characters. <u>I</u>		
			phone number, concatenate the letter X μ		
		* *	umber, e.g., 17035551212X123.		
PER07	365	Communication 1	Number Qualifier	X	ID 2/2
		Code identifying t	he type of communication number		
		Use to identify a t	hird communications number for the pa	rty cite	ed in PER02.
		AU	Defense Switched Network		
		EM	Electronic Mail		
		FX	Facsimile		
		IT	International Telephone		
			Include the country code.		
		TE	Telephone		
			Use to indicate the commercial teleph		
DEDAG	264	a	the individual cited in PER02. Includ		
PER08	364	Communication 1		X	AN 1/80
		Complete communapplicable	nications number including country or are	a code	when
			r than those associated with code EM, si	hall be	transmitted
			umher with no extraneous characters I		

as a continuous number with no extraneous characters. If an extension

applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

PER09 443 Contact Inquiry Reference

O AN 1/20

Additional reference number or description to clarify a contact number *Use, if necessary, to provide the title or office symbol of the party cited in PER02.*

Segment: SCH Line Item Schedule

Position: 415

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 200

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

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

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

Semantic Notes: 1 SCH12 is the schedule identification.

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

Notes: Use this segment to identify a partial delivery when it can be specified as an actual date

and is applicable to a named entity.

			Data Elei	ment Summary		
	Ref.	Data				
	Des.	<u>Element</u>	Name			ributes
M	SCH01	380	Quantity		M	R 1/15
			Numeric value of	- ·		
M	SCH02	355	Unit or Basis for	Measurement Code	M	ID 2/2
			Code specifying the	ne units in which a value is being expressed	l, or i	nanner in
				nent has been taken		
			1. Use any code of	ther than code ZZ.		
			2 An application	program conversion table may be require	d to	convert
			agency codes to A		u io c	converi
			•	Oata Element Dictionary for acceptable cod	le val	ues.
Not Used	SCH03	98	Entity Identifier		O	ID 2/3
				an organizational entity, a physical location	ı, pro	perty or an
			individual	2 1 2	· 1	. ,
Not Used	SCH04	93	Name		\mathbf{X}	AN 1/60
			Free-form name			
\mathbf{M}	SCH05	374	Date/Time Qualit	fier	\mathbf{M}	ID 3/3
			Code specifying ty	ype of date or time, or both date and time		
			002	Delivery Requested		
				Use when the delivery date of the order	r does	s not
				conform to the basic IDC instrument.		
			017	Estimated Delivery		
			063	Do Not Deliver After		
				Use to indicate that deliveries cannot be	e ma	de after a
				specified date and/or time.		
			064	Do Not Deliver Before		
				Use to indicate that deliveries cannot be	e ma	de before a
			077	specified date and/or time.		
			077	Requested for Delivery (Week of)		6 41
				When this code is used, cite the beginn week.	ing a	ay of the
			106	Required By		
			100	Use to indicate that deliveries are due	avact	ly on the
				specified date.	EXUCI	iy on the
			174	Month Ending		
				Use to indicate delivery is required wit	hin ti	he specified
					-	

				month. In DTM02, identify the month and cite the last calendar day of the month.	
			193	Period Start	
			173	1. Use to indicate the start of a period of performance	
				or lease.	
				2. When this code is used, code 194 must be cited in SCH08.	
			358	Cycle Begin	
				When this code is used, code 359 must be cited in SCH08.	
			375	Delivery Start	
				1. Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified time period.	
				2. When this code is used, code 376 must be cited in SCH08.	
			996	Required Delivery	
				Use to indicate that delivery is due on or before the	
				specified date.	
\mathbf{M}	SCH06	373	Date	M DT 8/8	
			Date expressed as	CCYYMMDD	
	SCH07	337	Time	O TM 4/8	
			Time expressed in	24-hour clock time as follows: HHMM, or HHMMSS, or	
				HMMSSDD, where $H = hours$ (00-23), $M = minutes$ (00-	
				conds (00-59) and DD = decimal seconds; decimal seconds	S
				ollows: D = tenths (0-9) and DD = hundredths (00-99) to identify the time for a delivery. Specify time only in the	a
			HHMM format.	to mentify the time for a activery. Specify time only in the	
	SCH08	374	Date/Time Qualif	fier X ID 3/3	
				ype of date or time, or both date and time	
			063	Do Not Deliver After	
				Use to indicate that deliveries cannot be made after a	
				specified date and/or time.	
			194	Period End	
				When this code is used, code 193 must be cited in SCH05.	
			359	Cycle End	
				When this code is used, code 358 must be cited in SCH05.	
			376	Delivery End	
				When this code is used, code 375 must be cited in SCH05.	
	SCH09	373	Date	X DT 8/8	
			Date expressed as	CCYYMMDD	
	SCH10	337	Time	X TM 4/8	
			•	24-hour clock time as follows: HHMM, or HHMMSS, or	
				HMMSSDD, where $H = hours (00-23)$, $M = minutes (00-100-100)$	
				conds (00-59) and DD = decimal seconds; decimal seconds bllows: $D = tenths$ (0-9) and $DD = tenths$ (00-99)	S
				to identify the time for a delivery. Specify time only in the	e
			HHMM format.	, , , , , , , , , , , , , , , , , , ,	
Not Used	SCH11	326	Request Reference	ce Number O AN 1/45	
			Reference number	or RFQ number to use to identify a particular transaction s	set
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and query (additional reference number or description which can be used with

contract number)

Not Used SCH12 350 Assigned Identification O AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

 $TD5 \ \ {\tt Carrier\ Details\ (Routing\ Sequence/Transit\ Time)}$ **Segment: Position:** Loop: N1 Optional

Level: Detail **Usage: Optional** Max Use: 12

Notes:

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

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

If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required.

If TD514 is present, then TD513 is required. 7 If TD515 is present, then TD512 is required.

Semantic Notes: 1 TD515 is the country where the service is to be performed. **Comments:**

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

Use this segment to identify the transportation method applicable to a named entity for a specific line item.

			Data Eleme	ent Summary			
Not Used	Ref. <u>Des.</u> TD501	Data Element 133	Name Pouting Sequence (<u>Name</u> Routing Sequence Code			
Not Oseu	110501	133			0	ID 1/2	
	TD 500		•	relationship of a carrier to a specific ship			
	TD502	66	Identification Code		X	ID 1/2	
			Code designating the Code (67)	e system/method of code structure used for	or Ide	entification	
			10	Department of Defense Activity Addres (DODAAC)	s Coo	de	
				When TD504 is code PL, use to indicat TD503 is the DoDAAC of the pipeline.	e the	number in	
	TD503	67	Identification Code		X	AN 2/80	
	10303	07	Code identifying a p		21	AIN 2/00	
	TD504	91		•	X	ID 1/2	
	110504	91	Transportation Method/Type Code				
				Code specifying the method or type of transportation for the shipment			
			 Use any code other than code ZZ. An application program conversion table may be required to convert 				
			agency codes to ASC X12 codes.				
			D Parcel Post	D Parcel Post			
			Use to indicate the U.S. Postal Service and not a private carrier.				
			Refer to 004010 Dat	a Element Dictionary for acceptable code	e valı	ues.	
Not Used	TD505	387	Routing		\mathbf{X}	AN 1/35	
			Free-form description originating carrier's in	on of the routing or requested routing for sidentity	shipn	nent, or the	
Not Used	TD506	368	Shipment/Order Sta	•	\mathbf{X}	ID 2/2	
			Code indicating the	status of an order or shipment or the disp	ositic	on of any	
			difference between t	he quantity ordered and the quantity ship			
			or transaction		_		
Not Used	TD507	309	Location Qualifier		0	ID 1/2	
			Code identifying typ	be of location			

Not Used	TD508	310	Location Identifier	X	AN 1/30
			Code which identifies a specific location		
Not Used	TD509	731	Transit Direction Code	O	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the transit	time	
Not Used	TD511	733	Transit Time	\mathbf{X}	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	\mathbf{X}	ID 2/2
			Code indicating the level of transportation service or the billi	ng se	rvice offered
			by the transportation carrier		
			1. Use any code other than code ZZ.		
			2. When BEG12 is code 34, use to identify the transportation	n rec	uirements
			to satisfy the Emergency Requirement.		
			Refer to 004010 Data Element Dictionary for acceptable cod	e valı	ues.
Not Used	TD513	284	Service Level Code	\mathbf{X}	ID 2/2
			Code indicating the level of transportation service or the billi	ng se	rvice offered
			by the transportation carrier		
Not Used	TD514	284	Service Level Code	O	ID 2/2
			Code indicating the level of transportation service or the billi by the transportation carrier	ng se	rvice offered
Not Used	TD515	26	Country Code	O	ID 2/3
			Code identifying the country		

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

Position: 450

Loop: N1 Optional

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:

Not Rec.

Not Used

Notes: Use this segment when the special handling or hazardous material information is

applicable to a named entity for a specific line item.

Data Element Summary

Ref.	Data	•		
Des.	Element	<u>Name</u>	Attı	<u>ributes</u>
TD401	152	Special Handling Code	X	ID 2/3
		Code specifying special transportation handling instructions		
		Use any code, other than code EMR and ZZZ, but the liste	d cod	es are
		preferred.		
		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		
		HM Endorsed as Hazardous Material LT Less Than Full Carload		
		LTT Less Than Full Carload		
		NC Notify Consignee before Delivery		
		PG Poisonous Gas		
		PMM P.M. Delivery Requirement		
		Refer to 004010 Data Element Dictionary for acceptable cod	le val	ues.
TD402	208	Hazardous Material Code Qualifier	X	ID 1/1
		Code which qualifies the Hazardous Material Class Code (20)9)	
		Use any code.	,	
		Refer to 004010 Data Element Dictionary for acceptable code	lo 2101	100
TD 402	200	•		
TD403	209	Hazardous Material Class Code	X	AN 1/4
		Code specifying the kind of hazard for a material		
TD404	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements a	nd the	eir content
		Use of free form text is discouraged if the information can	be pr	ovided by
		some other means within the transaction set.		
TD405	1073	Yes/No Condition or Response Code	O	ID 1/1

Code indicating a Yes or No condition or response

Segment: PKG Marking, Packaging, Loading

Position: 460

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 200

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

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

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

Semantic Notes: Comments:

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

Ref.

Data

- 1. Use this segment to identify packaging requirements applicable to a named entity for a specific line item.
- 2. 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.
- 3. 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.
- 4. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.

Des.	Element	Nomo		A +++	<u>ibutes</u>
PKG01	349	Name Item Description T	уре	X	ID 1/1
		Code indicating the	format of a description		
		F	Free-form		
		S	Structured (From Industry Code List)		
		X	Semi-structured (Code and Text)		
PKG02	753	Packaging Charact	teristic Code	O	ID 1/5
		Code specifying the being described	e marking, packaging, loading and related	l char	acteristics
		Use the listed codes	s to identify the applicable packaging req	juiren	nents.
		CD	Cleaning or Drying Procedure		
		CT	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 identifyi	ing the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GS	A)	
		ZZ	Mutually Defined		
			Use to indicate a Federal activity oth	er than	DOD or
			GSA.		
PKG04	754	Packaging De	escription Code	X	AN 1/7
		marking, pack 1. The actual in PKG02 can 2. Whenever	an industry code list which provides specific taging or loading and unloading of a product codes associated with the packaging chara to be found in Code Source List 197 (MIL-ST) a code used in PKG04 requires an explanatorovide it in PKG05.	cteristi TD 207	cs codes cited 3-1C).
PKG05	352	Description		X	AN 1/80
		A free-form de	escription to clarify the related data elements	and th	eir content
		1. Use to prov	ide Supplemental Instructions or Special P	ackagii	ng
		of this data elecode KD in N 2. Use of free	If the information to be provided exceeds the ement, provide the information in the 2/N9/901. form text is discouraged if the information eans within the transaction set.	/330 loc	pp, using
DIZCOZ	400	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		**	ID 2/2
PKG06	400	Unit Load Op		X	ID 2/2
		•	ing loading or unloading a shipment		
		01	Palletized		
		10	Shrink-wrap		

Segment: LDT Lead Time

Position: 462

Loop: LDT Optional

Level: Detail Usage: Optional

Max Use: Purpose:

To specify lead time for availability of products and services

Syntax Notes:

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

Comments:

1 LDT02 is the quantity of unit of time periods.

Notes:

1. 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.

2. The following are examples of how this LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after date of order.

LDT*AY*180*DA n/l QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.

LDT*AY*180*DA n/l QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is complete.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
OTY*1J*500*EA n/l

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
\mathbf{M}	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the	time range
			AD	From date of sample approval to first product shipment
			АН	From Date of Receipt of First Article to First Article Approval
			AI	From Date of a Specified Event to Delivery
				When this code is used, identify the specified event in the 2/MSG/468 segment. If the specified event is the scheduling of a shipment or the requesting of shipping instructions, cite the contact communications number
				in the 2/PER/400 segment.
			AJ	From Date of First Delivery to Date of Subsequent

				Dalivary(ias)		
			AK	Delivery(ies) From Date Of Latest Delivery To Final Delivery		
			AM	From Date Of Previous Delivery To Date Of Subsection	luent	
			AV	From Date of Award to Date of Latest Delivery		
			AW	From Date of Award to Date of Earliest Delivery		
			AX	From Date of Award to Date of Completion		
				Use to indicate the completion date, e.g., for a level effort.	of	
			AY	From Date of Award to Date of Delivery		
			AZ	FromDate of Receipt of Item to Date of Approval o	f Item	
				Use this code to indicate the lead time for the approval of an item or the acceptance of an item if different than specified in the Prompt Payment Act.		
			BC	From Date of Award to Commencement of Performa	ince	
			BD	From Date of Award to Date of Option Exercise		
			BE	From Date of Option Exercise to Date of Completion	1	
			BG	From Date of a Specified Event to Date of Option		
				Exercise Identify the specified event in the 2/MSG/468 segm	ant	
					eni	
М	I DT02	380	Quantity			
M	LDT02	380	Quantity	M R 1/1		
			Numeric value of	M R 1/1 of quantity	5	
M M	LDT02 LDT03	380 344	Numeric value of Unit of Time Po	M R 1/1 of quantity eriod or Interval M ID 2/2	5	
			Numeric value of Unit of Time Po	M R 1/1 of quantity	5	
			Numeric value of Unit of Time Po	of quantity eriod or Interval the time period or interval Calendar Year	5	
			Numeric value of Unit of Time Po Code indicating CY	M R 1/1 of quantity eriod or Interval the time period or interval Calendar Year Calendar Days	5	
			Numeric value of Unit of Time Po Code indicating CY DA	M R 1/1 of quantity eriod or Interval the time period or interval Calendar Year Calendar Days Work Days	5	
			Numeric value of Unit of Time Po Code indicating CY DA DW	M R 1/1 of quantity eriod or Interval the time period or interval Calendar Year Calendar Days	5	
			Numeric value of Unit of Time Po Code indicating CY DA DW	M R 1/1 of quantity eriod or Interval M ID 2/2 the time period or interval Calendar Year Calendar Days Work Days Maximum Calendar Days Use to indicate a flexible time period, e.g., X number	5	
			Numeric value of Unit of Time Po Code indicating CY DA DW KK	M R 1/1 of quantity eriod or Interval the time period or interval Calendar Year Calendar Days Work Days Maximum Calendar Days Use to indicate a flexible time period, e.g., X number of days or less.	5	
			Numeric value of Unit of Time Po Code indicating CY DA DW KK	M R 1/1 of quantity eriod or Interval the time period or interval Calendar Year Calendar Days Work Days Maximum Calendar Days Use to indicate a flexible time period, e.g., X number of days or less. Month	5	
			Numeric value of Unit of Time Po Code indicating CY DA DW KK	M R 1/1 of quantity eriod or Interval the time period or interval Calendar Year Calendar Days Work Days Maximum Calendar Days Use to indicate a flexible time period, e.g., X number of days or less. Month Quarter of a Year	5	
			Numeric value of Unit of Time Po Code indicating CY DA DW KK MO QY SA	M R 1/1 of quantity eriod or Interval the time period or interval Calendar Year Calendar Days Work Days Maximum Calendar Days Use to indicate a flexible time period, e.g., X number of days or less. Month Quarter of a Year Semiannual	5 2	

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Segment: MAN Marks and Numbers

Position: 464

Loop: LDT Optional

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.

If MAN06 is present, then MAN05 is required.

Semantic Notes: 1

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

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

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:

1. Use this segment to identify marks and numbers associated with a ship-to addressee.

2. Use to identify such data as MILSTRIP/DLMS/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

	TD 0	T	· · · · · · · · · · · · · · · · · · ·	
	Ref.	Data		
	Des.	Element	Name At	<u>ttributes</u>
M	MAN01	88	Marks and Numbers Qualifier M	I ID 1/2
			Code specifying the application or source of Marks and Number	s (87)
			L Line Item Only	
M	MAN02	87	Marks and Numbers M	I AN 1/48
			Marks and numbers used to identify a shipment or parts of a ship	pment
	MAN03	87	Marks and Numbers	AN 1/48
			Marks and numbers used to identify a shipment or parts of a ship	pment
	MAN04	88	Marks and Numbers Qualifier X	ID 1/2
			Code specifying the application or source of Marks and Number	s (87)
			L Line Item Only	
	MAN05	87	Marks and Numbers X	AN 1/48
			Marks and numbers used to identify a shipment or parts of a ship	pment
	MAN06	87	Marks and Numbers	AN 1/48
			Marks and numbers used to identify a shipment or parts of a ship	oment

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:

1. Use this segment to specify the quantity of an item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.

2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.

	D. C	Data	Data Eleme	ent Summary		
M	Ref. <u>Des.</u> QTY01	Data Element 673	Name Quantity Qualifier			ibutes ID 2/2
			Code specifying the	type of quantity		
			1J	Due		
				Use to indicate the quantity to be deliv	ered.	
			1K	Time Units		
				Use to indicate the length of the delive	ry per	iod.
			52	Number of Originals		
				Use to indicate the number of regular item on a Contract Data Requirements be delivered.		
			K6	Drafts		
				Use to indicate the number of draft colitem on a Contract Data Requirements be delivered.		
			KF	Duplicates		
				Use to indicate the number of reprodudata item on a Contract Data Requirement to be delivered.		
			SA	Shipments		
				Use to indicate the number of shipmen complete the deliverable quantity.	its exp	ected to
	QTY02	380	Quantity		X	R 1/15
			Numeric value of qu	antity		
			2. When QTY01 is c	code 1J, cite the quantity to be delivered code 1K, cite the length of the delivery p I in QTY03 identify the time measureme i.	eriod	
	QTY03	C001	Composite Unit of	Measure	0	
			To identify a compo of use)	site unit of measure (See Figures Apper	ndix fo	r examples
M	C00101	355	Unit or Basis for M	leasurement Code	M	ID 2/2
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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.

DA Days

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

MO Months

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

01 Quarter (Time)

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	Multiplier	O	R 1/10
			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 expresse which a measurement has been taken	ed, or 1	manner in
Not Used	C00105	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	Multiplier	O	R 1/10
			Value 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 express which a measurement has been taken	ed, or 1	manner in
Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being express which a measurement has been taken	ed, or 1	manner in
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value 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 express	ed, or 1	manner in

Not Used	C00114	1018	which a measurement has been taken Exponent	o	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	0	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	QTY04	61	Free-Form Message	\mathbf{X}	AN 1/30
			Free-form information		

Segment: MSG Message Text

Position: 468

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.

	Ref.	Data			
	Des.	Element	<u>Name</u>	Attr	<u>ributes</u>
M	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	\mathbf{X}	ID 2/2
			A field to be used for the control of the line feed of the receive	ing p	rinter
Not Used	MSG03	1470	Number	O	N0 1/9
			A generic number		

Segment: REF Reference Identification

Position: 469

Loop: LDT Optional

Level: Detail
Usage: Optional
Max Use: 3

Purpose: To specify identifying information

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

If either C04003 or C04004 is present, then the other is required.
 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.

			Data El	ement Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
M	REF01	128	Reference Ident	tification Qualifier	M	ID 2/3
			Code qualifying	the Reference Identification		
			1Z	Financial Detail Code		
			ACT	Accounting Code		
			AT	Appropriation Number		
				When used, cite the number in REF03	3.	
			AX	Government Accounting Class Referen (ACRN)	ce Nu	ımber
			BL	Government Bill of Lading		
			FU	Fund Code		
			IL	Internal Order Number		
				Use to indicate the requisition (MILSTRIP/DLMS/FEDSTRIP docu	nent)	number.
			P4	Project Code	,	
			TG	Transportation Control Number (TCN)		
			TH	Transportation Account Code (TAC)		
	REF02	127	Reference Ident	•	\mathbf{X}	AN 1/30
			Reference inform	nation as defined for a particular Transactio	n Set	or as
				Reference Identification Qualifier		
	REF03	352	Description		X	AN 1/80
			A free-form desc	cription to clarify the related data elements a	nd th	eir content
			When REF01 is	$code\ AT,\ use\ to\ identify\ the\ appropriation$	numl	ber.
Not Used	REF04	C040	Reference Ident	tifier	O	
				or more reference numbers or identification	numb	ers as
	G0.4004	4.00		Reference Qualifier		TD 4/2
Not Used	C04001	128		tification Qualifier	M	ID 2/3
				the Reference Identification		
Not Used	C04002	127	Reference Ident		M	AN 1/30
				nation as defined for a particular Transaction	n Set	or as
Not Used	C04003	128		Reference Identification Qualifier tification Qualifier	X	ID 2/3
Not Oseu	C04003	120		•	А	ID 2/3
Not Used	C04004	127	Reference Ident	the Reference Identification	X	AN 1/30
not Used	C04004	127				
				nation as defined for a particular Transactio Reference Identification Qualifier	n set	oi as
			specifica by the	Reference Identification Qualifier		

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

Segment: AMT Monetary Amount

Position: 600

Loop: AMT Optional

Level: Detail Usage: Optional

Max Use:

To indicate the total monetary amount

Purpose: Syntax Notes: Semantic Notes: Comments:

Notes:

- 1. This segment can be used to specify the amount associated with the ACRN (REF01 is code AX), to specify the total funds obligated against the line item cited in PO101 (the total of all amounts associated with an ACRN), 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, 8B, 9E, B0, DN, EN, KC, KD, and KY, is to be used depending on the code cited in CN101.

COST, FEE, AND PRICE EXPRESSION TABLE

CN101 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	NA	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	NA	Use the 2/AMT/600 code 29 when CN101 is code			
FD for redeterminable items without a ceiling price or code 30 for redeterminable					

FM NA 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

items with a ceiling price.

FK

FJ/FR/FX/LH/TM NA 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.

No cost or price information required

une uems; and the 5/AM1/020 segment, code 11 for contract total amount.

NA

Ref. Data Des. Element Name M AMT01 522 Amount Qualifier Code Code to qualify amount 1. For the correct use of the following codes in various fee and profit arrangements by type of contract, see the table above.	/3
M AMT01 522 Amount Qualifier Code M ID 1 Code to qualify amount I. For the correct use of the following codes in various fee and profit	/3
Code to qualify amount 1. For the correct use of the following codes in various fee and profit	
1. For the correct use of the following codes in various fee and profit	with
	with
	with
	with
2. Codes 1, 29, 8B, DN, KC, KD, and KY are to be used in accordance the notes or definition associated with each code.	
1 Line Item Total	
Use to indicate the line item total amount.	
Estimated Price	
30 Contract Ceiling	
Target Fee or Profit Amount	
Original Contract Target Cost	
8B Provision for Future Purchases	
Use to indicate an amount that is contemplated for future placement on this line item.	r
9E Specific Performance	
When PWK01 in the 2/PWK/070 segment is code use to indicate the amount of the performance bo	
AEE Award Fee	
AEF Base Fee	
AEG Target Profit Floor	
AEH Target Profit Ceiling	
B0 Bond	
When PWK01 in the 2/PWK/070 segment is code use to indicate the amount of the payment bond.	RD,
DN Liability	
Use this code to indicate the limitation of government liability for undefinitized contract actions.	ient
EN Cancellation Fee	
When PID04 in the 2/PID/050 segment is code M use to indicate the cancellation ceiling amount fo	
<i>multi-year line item.</i> FE Fee	
FQ Firm Contractor Share	
Use, in conjunction with CN101 codes CA, CY, F.	3,
FC, FF, or FG, as applicable.	
FR Estimated Government Share	
Use, in conjunction with CN101 codes CA, CY, F, FC, FF, or FG, as applicable.	3,
K4 Initial Target Fee	
KC Obligated	
Use in conjunction with the 2/REF/610 segment indicate the obligated funds associated with an	to
accounting code. KD Undefinitized	
Use to indicate an undefinitized amount.	
KY Not-To-Exceed Price	
Use this code to indicate the contractor not-to-exc amount for undefinitized contract actions.	eed

			ZQ	Initial Target Cost		
M	AMT02	782	Monetary Amount		\mathbf{M}	R 1/18
			Monetary amount			
			monetary amount is currency identified	e 1/CUR/040 or 2/CUR/020 segment ci dentified in this data element is express in CUR02 of the associated segment. I etary amount is expressed in US dollars	ed in t n all o	he foreign
Not Used	AMT03	478	Credit/Debit Flag	Code	O	ID 1/1
			Code indicating who	other emount is a gradit or dehit		

Code indicating whether amount is a credit or debit

Segment: REF Reference Identification

Position: 610

Loop: AMT Optional

Level: Detail Usage: Optional

Max Use:

Notes:

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.

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

commitment identification number, etc.

Data Element Summary

			Data E	lement Summary		
M	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128		ntification Qualifier	<u>Attr</u> M	ributes ID 2/3
IVI	KETUI	120		g the Reference Identification	171	ID 2/3
			1Z	Financial Detail Code		
			ACT	Accounting Code		
			AT	Appropriation Number		
			AI	When used, cite the number in REF	3.	
			AX	Government Accounting Class Refere (ACRN)		mber
			CNO	Commitment Number		
				 Use this code to indicate the Comm Identification Number (CIN) associa obligated amount. 		
				2. The CIN is a unique number assoc specific Line of Accounting (LOA) an and track a commitment in the accou	nd usea	l to record
				3. The CIN can be no larger than 30	chara	cters.
				4. For DoD activities, the CIN is RE MUST be associated with an obligate line item. i.e., AMT01 is code KC.	_	
			FU	Fund Code		
			P4	Project Code		
			TH	Transportation Account Code (TAC)		
	REF02	127	Reference Iden		X	AN 1/30
	DEE02	252	specified by the	mation as defined for a particular Transaction Reference Identification Qualifier		
	REF03	352	Description		X	AN 1/80
				scription to clarify the related data elements s code AT, use to identify the appropriation		
Not Used	REF04	C040	Reference Ider	** 11 1	numv O	ет.
THUL USEU	KLE V4	CU40		or more reference numbers or identification	•	Arc ac
				Reference Qualifier	i iiuiiio	C15 d8
Not Used	C04001	128		ntification Qualifier	M	ID 2/3
004010F850	_2				26 D	ecember 2002

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			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	\mathbf{M}	AN 1/30
			Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier	n Set	or as
Not Used	C04003	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier	n Set	or as
Not Used	C04005	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier	n Set	or as

Segment: PCT Percent Amounts

Position: 612

Loop: AMT Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To qualify percent amounts and supply percent amounts

Syntax Notes: Semantic Notes:

Comments:

Notes: Use this segment to provide the target fee or target profit increase/decrease percent.

Data Element Summary

M	Ref. Des. PCT01	Data Element 1004	Name Percent Qualifier Code to qualify percent	Attributes M ID 1/2
			9	Other Use this code to indicate the percent increase in the target fee or target profit.
			DF	Decrement Factor Use this code to indicate the percent decrease in the target fee or target profit.
M	PCT02	954	Percent	M R 1/10

Percentage expressed as a decimal

LM Code Source Information **Segment:**

620 **Position:**

> Loop: LM Optional

Level: Detail **Usage:** Optional

Max Use:

Purpose: To transmit standard code list identification information

Syntax Notes: Semantic Notes:

Comments:

LM02 identifies the applicable industry code list source information.

Use this loop to provide data that cannot be provided by other means within this **Notes:**

transaction set, e.g., field contract administration office data, subject to availability of

funds, etc.

Data Element Summary

M	Ref. <u>Des.</u> LM01	Data Element 559	Name Agency Qualifier C Code identifying the	Code e agency assigning the code values	Attr M	ributes ID 2/2
			DF	Department of Defense (DoD)		
				Use this code in preference to code Di	D.	
			FG	Federal Government		
				When this code is used, cite FP1 in L	M02.	
	LM02	822	Source Subqualifie	or The state of th	О	AN 1/15
			A reference that ind	icates the table or text maintained by the	Source	e Oualifier

When LM01 is code FG, the code contained in LQ02 comes from the Federal EDI Coding Manual, Federal Procurement Code List One (FP1). This code list can be found at http://www.fedebiz.gov, under Resources, Related Documents.

Segment: LQ Industry Code

Position: 630

Loop: LM Optional

Level: Detail Usage: Mandatory

Max Use: >1

Purpose: Code to transmit standard industry codesSyntax Notes: 1 If LQ01 is present, then LQ02 is required.

Semantic Notes: Comments:

Data Element Summary

	Ref.	Data	Duta Dien	con summary		
	Des.	Element	<u>Name</u>		Attr	<u>ibutes</u>
	LQ01	1270	Code List Qualifie	r Code	O	ID 1/3
			Code identifying a	specific industry code list		
			6	Special Contract Provision Code		
				Use to indicate special clauses that apitem.	ply to	the line
			7	Quality Assurance Site Code		
				Use to indicate the inspection point.		
			9	Indicator Code		
				Use to indicate specific conditions that item.	t apply	y to the line
			A9	Supplementary Address		
			FX	Frequency		
				When PO101 begins with an alpha ch. DTM01 in the 2/DTM/210 segment cit LDT01 in the 2/LDT/321 segment cite this code to indicate the frequency of s deliveries of a data item.	es code	de 601 or AI, use
Must Use	LQ02	1271	Industry Code		X	AN 1/30

Code indicating a code from a specific industry code list

Use to cite a code from the code list identified by the qualifier in LQ01 or the code list cited in LM02.

Segment: CTT Transaction Totals

Position: 010

Loop: CTT Optional

Level: Summary Usage: Optional

Max Use:

Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate transaction completeness

and correctness.

			Data Element Summary		
	Ref.	Data			••
	Des.	Element	Name		<u>ri butes</u>
M	CTT01	354	Number of Line Items	M	N0 1/6
			Total number of line items in the transaction set		
			Use to identify the total number of PO1 segments contained	in th	iis
			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 implementation will occur on the left most digits if the sum is green maximum size of the hash total of the data element. Example occurrence of value being hashed. 18 Second occurrence of hashed. 1.8 Third occurrence of value being hashed. 18.01 For of value being hashed	licit) ater the content of the conte	or signs. han the 118 First being occurrence . 855 Hash
Not Used	CTT03	81	Weight	X	R 1/10
			Numeric value of weight		
Not Used	CTT04	355	Unit or Basis for Measurement Code	\mathbf{X}	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken		
Not Used	CTT05	183	Volume	X	R 1/8
			Value of volumetric measure		
Not Used	CTT06	355	Unit or Basis for Measurement Code	\mathbf{X}	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken	l, or r	nanner in
Not Used	CTT07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements as	nd the	eir content

Segment: AMT Monetary Amount

Position: 020

Loop: CTT Optional

Level: Summary Usage: Optional

Max Use:

Purpose: To indicate the total monetary amount

Syntax Notes: Semantic Notes:

Comments:

Notes: Use this segment to specify the total value of the award instrument.

Data Element Summary

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
\mathbf{M}	AMT01	522	Amount Qualifier	Code M ID 1/3
			Code to qualify amo	punt
			29	Estimated Price
				Use to indicate the total award instrument price is an estimate.
			30	Contract Ceiling
				Use to indicate the contract ceiling price for fixed- price contracts with retroactive price redetermination.
			KD	Undefinitized
				Use to indicate an undefinitized amount.
			KY	Not-To-Exceed Price
			TT	Total Transaction Amount
				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 amount committed for the entire project
3.7	4 3 4TEO 2	502	3.7	period.
M	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			amount identified in identified in CUR02	e 1/CUR/040 segment cites code BY, the monetary n this data element is expressed in the foreign currency 2 of the 1/CUR/040 segment. In all other instances, the s expressed in US dollars.
Not Used	AMT03	478	Credit/Debit Flag	
		-		, -

Code indicating whether amount is a credit or debit

 ${\bf SE}$ Transaction Set Trailer **Segment:**

Position:

Loop:

Level: Summary **Usage:** Mandatory

Max Use:

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

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

Syntax Notes: Semantic Notes:

Comments:

1 SE is the last segment of each transaction set.

M	Ref. <u>Des.</u> SE01	Data Element 96	Name Number of Included Segments	Attributes M N0 1/10		
M	SE02	329	Total number of segments included in a transaction set include segments Transaction Set Control Number	ling S M	ST and SE AN 4/9	
			Identifying control number that must be unique within the trafunctional group assigned by the originator for a transaction selecter the same number as the one carried in ST02.			