



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 850 Award Instrument

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
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¹At Boulder, CO 80303.

²Some elements at Boulder, CO 80303.

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850 Purchase Order

Functional Group ID=**PO**

Introduction:

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

Notes:

1. The term "award instrument" used in this convention includes, but is not limited to, the following terms: Agreement, Blanket Purchase Agreement, Contract, Basic Agreement, Basic Ordering Agreement, Grant, Indefinite Delivery Indefinite Quantity, 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.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	ST	Transaction Set Header	M	1		
	020	BEG	Beginning Segment for Purchase Order	M	1		
N/U	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
	060	PER	Administrative Communications Contact	O	3		
N/U	070	TAX	Tax Reference	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
N/U	090	CTP	Pricing Information	O	>1		
N/U	095	PAM	Period Amount	O	10		
	110	CSH	Header Sale Condition	O	5		
			LOOP ID - SAC			25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
N/U	125	CUR	Currency	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
	140	DIS	Discount Detail	O	20		
N/U	145	INC	Installment Information	O	1		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		

N/U	180	LIN	Item Identification	O	5	n1
N/U	185	SI	Service Characteristic Identification	O	2	
	190	PID	Product/Item Description	O	200	
	200	MEA	Measurements	O	40	
	210	PWK	Paperwork	O	25	
	220	PKG	Marking, Packaging, Loading	O	200	
N/U	230	TD1	Carrier Details (Quantity and Weight)	O	2	
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
N/U	250	TD3	Carrier Details (Equipment)	O	12	
	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
	270	MAN	Marks and Numbers	O	10	
N/U	280	CTB	Restrictions/ Conditions	O	5	
	285	TXI	Tax Information	O	>1	

LOOP ID - AMT				>1
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287	AMT	Monetary Amount	O	1
288	AT	Financial Accounting	O	1
289	REF	Reference Numbers	O	>1

LOOP ID - N9				1000
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290	N9	Reference Number	O	1
300	MSG	Message Text	O	1000

LOOP ID - N1				200
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	310	N1	Name	O	1
	320	N2	Additional Name Information	O	2
	330	N3	Address Information	O	2
	340	N4	Geographic Location	O	>1
N/U	345	NX2	Real Estate Property ID Component	O	3
	350	REF	Reference Numbers	O	12
	360	PER	Administrative Communications Contact	O	>1
N/U	370	FOB	F.O.B. Related Instructions	O	1
N/U	380	TD1	Carrier Details (Quantity and Weight)	O	2
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	400	TD3	Carrier Details (Equipment)	O	12
	410	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5
	420	PKG	Marking, Packaging, Loading	O	200

LOOP ID - LM				>1
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430	LM	Code Source Information	O	1
440	LQ	Industry Code	M	>1

LOOP ID - SPI				>1
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450	SPI	Specification Identifier	O	1
460	REF	Reference Numbers	O	5
470	DTM	Date/Time Reference	O	5
480	MSG	Message Text	O	50

LOOP ID - N1				20
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	490	N1	Name	O	1
	500	N2	Additional Name Information	O	2
	510	N3	Address Information	O	2
	520	N4	Geographic Location	O	1
N/U	530	REF	Reference Numbers	O	20
	540	G61	Contact	O	1
	550	MSG	Message Text	O	50
LOOP ID - CB1					>1
	560	CB1	Contract and Cost Accounting Standards Data	O	1
	570	REF	Reference Numbers	O	20
	580	DTM	Date/Time Reference	O	5
	590	LDT	Lead Time	O	1
	600	MSG	Message Text	O	50

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1							1000
	010	PO1	Baseline Item Data	M	1		n2
N/U	018	SI	Service Characteristic Identification	O	5		
N/U	020	CUR	Currency	O	1		
	025	CN1	Contract Information	O	1		
	030	PO3	Additional Item Detail	O	25		
	040	CTP	Pricing Information	O	>1		
N/U	045	PAM	Period Amount	O	10		
	049	MEA	Measurements	O	40		
LOOP ID - PID							1000
	050	PID	Product/Item Description	O	1		
N/U	060	MEA	Measurements	O	10		
	070	PWK	Paperwork	O	25		
	090	PO4	Item Physical Details	O	>1		
	100	REF	Reference Numbers	O	>1		
	110	PER	Administrative Communications Contact	O	3		
LOOP ID - SAC							25
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
N/U	135	CUR	Currency	O	1		
	140	IT8	Conditions of Sale	O	1		
	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
	160	DIS	Discount Detail	O	20		
N/U	165	INC	Installment Information	O	1		
N/U	170	TAX	Tax Reference	O	>1		
	180	FOB	F.O.B. Related Instructions	O	>1		
	190	SDQ	Destination Quantity	O	500		
N/U	200	IT3	Additional Item Data	O	5		

	210	DTM	Date/Time Reference	O	10	
N/U	235	TC2	Commodity	O	2	
N/U	240	TD1	Carrier Details (Quantity and Weight)	O	1	
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
N/U	260	TD3	Carrier Details (Equipment)	O	12	
	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
	280	MAN	Marks and Numbers	O	10	
	289	MSG	Message Text	O	>1	
	291	SPI	Specification Identifier	O	>1	
	292	TXI	Tax Information	O	>1	
LOOP ID - SCH					200	
	295	SCH	Line Item Schedule	O	1	n3
N/U	296	TD1	Carrier Details (Quantity and Weight)	O	2	
N/U	297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
N/U	298	TD3	Carrier Details (Equipment)	O	12	
N/U	299	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
LOOP ID - PKG					200	
	300	PKG	Marking, Packaging, Loading	O	1	
N/U	310	MEA	Measurements	O	>1	
	320	LS	Loop Header	O	1	
LOOP ID - LDT					>1	
	321	LDT	Lead Time	O	1	
	322	QTY	Quantity	O	>1	
	323	MSG	Message Text	O	1	
	324	REF	Reference Numbers	O	3	
LOOP ID - LM					>1	
	325	LM	Code Source Information	O	1	
	326	LQ	Industry Code	M	>1	
	327	LE	Loop Trailer	O	1	
LOOP ID - N9					1000	
	330	N9	Reference Number	O	1	
N/U	335	MEA	Measurements	O	40	
	340	MSG	Message Text	O	1000	
LOOP ID - N1					200	
	350	N1	Name	O	1	
	360	N2	Additional Name Information	O	2	
	370	N3	Address Information	O	2	
	380	N4	Geographic Location	O	1	
N/U	385	NX2	Real Estate Property ID Component	O	3	
	390	REF	Reference Numbers	O	12	
	400	PER	Administrative Communications Contact	O	3	
N/U	410	FOB	F.O.B. Related Instructions	O	1	
	415	SCH	Line Item Schedule	O	200	

N/U	420	TD1	Carrier Details (Quantity and Weight)	O	2
	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	440	TD3	Carrier Details (Equipment)	O	12
	450	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5
	460	PKG	Marking, Packaging, Loading	O	200
LOOP ID - LDT >1					
	462	LDT	Lead Time	O	1
	464	MAN	Marks and Numbers	O	10
	466	QTY	Quantity	O	5
	468	MSG	Message Text	O	1
	469	REF	Reference Numbers	O	3
LOOP ID - SLN 1000					
N/U	470	SLN	Subline Item Detail	O	1
N/U	480	SI	Service Characteristic Identification	O	5
N/U	490	PID	Product/Item Description	O	1000
N/U	500	PO3	Additional Item Detail	O	104
N/U	505	TC2	Commodity	O	2
LOOP ID - SAC 10					
N/U	510	SAC	Service, Promotion, Allowance, or Charge Information	O	1
N/U	515	CUR	Currency	O	1
N/U	520	DTM	Date/Time Reference	O	10
N/U	522	CTP	Pricing Information	O	25
N/U	523	PAM	Period Amount	O	10
N/U	524	PO4	Item Physical Details	O	1
N/U	527	TAX	Tax Reference	O	3
LOOP ID - N1 10					
N/U	530	N1	Name	O	1
N/U	540	N2	Additional Name Information	O	2
N/U	550	N3	Address Information	O	2
N/U	560	N4	Geographic Location	O	1
N/U	570	NX2	Real Estate Property ID Component	O	3
N/U	580	REF	Reference Numbers	O	12
N/U	590	PER	Administrative Communications Contact	O	3
LOOP ID - AMT >1					
	600	AMT	Monetary Amount	O	1
	610	REF	Reference Numbers	O	1
LOOP ID - LM >1					
	620	LM	Code Source Information	O	1
	630	LQ	Industry Code	M	>1

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
010	CTT	Transaction Totals	M	1		n4

020	AMT	Monetary Amount	O	1	n5
030	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment: **ST** Transaction Set Header
 Position: 010
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the start of a transaction set and to assign a control number
 Notes:

Syntax Notes:
 Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<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.	
			850 X12.1 Purchase Order	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This number is carried in SE02.</i>	

Segment: **BEG** Beginning Segment for Purchase Order
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the purchase order transaction set and transmit identifying numbers and dates.

Notes:**Syntax Notes:**

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

Comments:**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set. <i>Use to identify the purpose of the transaction set.</i>	M ID 2/2
			00 Original <i>Use to indicate an original award instrument. When this code is used, changes to the award instrument can be only made with a Purchase Order Change Request - Buyer Initiated, 860 transaction set.</i>	
			07 Duplicate <i>Use to indicate a re-transmission of an original 850 transaction set.</i>	
			22 Information Copy <i>Use to indicate an information copy of an original award instrument. This information copy is sent to addressees other than the selling party.</i>	
			24 Draft <i>Use to indicate a draft award instrument (850 transaction set) is being sent to the selling party.</i>	
M	BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order. <i>Use to identify the type of award instrument represented by this transaction set.</i>	M ID 2/2
			BL Bailment	
			EO Emergency Order Acquires what is needed no matter what the cost; different from a rush order in that rush utilizes the normal channels as quickly as possible <i>When this code is used, TD512 can be used to specify transportation requirements to satisfy the order.</i>	
			KA Agreement <i>Use to indicate cooperative agreements and other</i>	

			<i>agreements.</i>	
		KB	Blanket Purchase Agreement	
			A charge account established with qualified sources of supply to satisfy repetitive requirements	
		KC	Contract	
			A legally binding document wherein one party agrees to provide supplies or services and another party agrees to provide compensation for the supplies or services	
		KD	Basic Agreement	
			A written instrument of understanding that contemplates separate future contracts	
		KE	Basic Ordering Agreement	
			A document which contains terms and conditions, a description of supplies or services to be provided and methods of pricing, issuing, and delivering orders under this agreement	
		KG	Grant	
		KI	Indefinite Delivery Indefinite Quantity	
			A contract that provides for a minimum quantity and an indefinite maximum quantity within stated limits	
		KN	Purchase Order	
			Procurement instrument within the small purchasing threshold	
		KQ	Indefinite Delivery Definite Quantity	
			A contract that provides for delivery of a specified quantity over a fixed period of time to unspecified locations	
		KR	Requirements	
			A contract to provide all specified requirements of designated organizations for a fixed period of time	
		KS	Letter Contract	
		KT	Task Order	
		LS	Lease	
			<i>Use to indicate a lease agreement as the type of award instrument. When an equipment rental is awarded pursuant to another type of instrument (purchase order, delivery order, contract, etc.), use the appropriate listed code in this data element and use code ER in BEG10.</i>	
		RL	Release or Delivery Order	
			An order for goods and services placed against a pre-existing contract or blanket order	
			<i>Use to indicate a release, call or delivery order against existing contracts.</i>	

M BEG03 324 Purchase Order Number M AN 1/22
 Identifying number for Purchase Order assigned by the orderer/purchaser.

Enter the purchase order number, contract number (including Federal Supply Schedules, GSA Schedules and all other basic contracts), BPA number, Grant, Lease or Agreement number. This is always the Procurement Instrument

Identification Number (PIIN) for DOD or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in BEG04. This number shall be transmitted without dashes.

	BEG04	328	Release Number	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction. <i>Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN) for DOD or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes.</i>	
M	BEG05	373	Date	M DT 6/6
			Date (YYMMDD). <i>Enter the effective date of the award instrument. If both BEG03 and BEG04 contain a number, enter the date of the delivery order, call or release identified in BEG04. If BEG04 does not contain a number, enter the date of the award instrument identified in BEG03.</i>	
	BEG06	367	Contract Number	O AN 1/30
			Contract number. <i>Use to identify the Small Business Administration (SBA) contract number for an 8a set-aside. The SBA office issuing this contract is cited in the 1/N1/310 segment by use of code C9 in N101.</i>	
	BEG07	587	Acknowledgment Type	O ID 2/2
			Code specifying the type of acknowledgment. <i>Acknowledgments are made using the Purchase Order Acknowledgment, 855 transaction set. Functional acknowledgments (e.g., use of the 997 transaction set) are always required in accordance with the Federal Trading Partner Agreement.</i>	
			AC Acknowledge - With Detail and Change <i>Use to indicate acknowledgement 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.</i>	
			AD Acknowledge - With Detail, No Change <i>Use to indicate acknowledgement 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.</i>	
			AK Acknowledge - No Detail or Change <i>Use to indicate acknowledgement of this 850 transaction set is required using only the mandatory segments in the 855 transaction set.</i>	
			AT Accepted <i>Use to indicate that acceptance or rejection of this 850 transaction set is required.</i>	
X	BEG08	1019	Invoice Type Code	O ID 3/3
			Code defining the method by which invoices are to be processed.	

Refer to 003050 Data Element Dictionary for acceptable code values.

BEG09 **1166** **Contract Type Code** **O ID 2/2**

Code identifying a contract type

Use to identify the type of pricing arrangement applicable to the award instrument. If there are line items that have a different pricing arrangement, that pricing arrangement should be specified in the CN1 segment within the PO1 loop that is applicable to that line item. Both BEG09 and the 2/CN1/025 segment can be included in the transaction set if needed.

CA	Cost Plus Incentive Fee (With Performance Incentives)
CB	Cost Plus Incentive Fee (Without Performance Incentives)
CH	Cost Sharing
CS	Cost
CW	Cost Plus Award Fee
CX	Cost Plus Fixed Fee
FB	Fixed Price Incentive Firm Target (With Performance Incentive)
FC	Fixed Price Incentive Firm Target (Without Performance Incentive)
FD	Fixed Price Redetermination <i>Use to indicate a prospective fixed price redetermination award instrument.</i>
FF	Fixed Price Incentive Successive Target (With Performance Incentive)
FG	Fixed Price Incentive Successive Target (Without Performance Incentive)
FH	Fixed Price Award Fee
FJ	Fixed Price Level of Effort
FK	No Cost
FR	Firm Fixed Price
FX	Fixed Price with Economic Price Adjustment
LH	Labor Hours
TM	Time and Materials
ZZ	Mutually Defined <i>Use to indicate a retroactive fixed price redetermination award instrument.</i>

BEG10 **1232** **Purchase Category** **O ID 2/2**

Code identifying the broad category of products or services 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 <i>Use also includes traineeships and fellowships.</i>

RE Repair
SB Shipbuilding
SP Supplies
SU Subsistence
SV Services
TE Test and Evaluation
UT Utilities

BEG11 786

Security Level Code

O ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following.

Use to identify the highest level of government security classification applicable to the award instrument.

92 Government Confidential
93 Government Secret
94 Government Top Secret

Segment: **CUR** Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Notes: 1. Use this segment to identify the foreign currency in which the award instrument is issued and the currency in which payment is to be made. Use also to identify the exchange rate for U.S. dollars applicable to currency in which the instrument is issued.

2. When the instrument is issued in U.S. dollars but payment will be in another currency, to comply with the X12 syntax, cite code BY in CUR01, USD in CUR02 and identify the payment currency in CUR05.

Syntax Notes:

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

Semantic Notes:

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

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	CUR01	98 Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual BY Buying Party (Purchaser) <i>Use to indicate the party issuing the procurement instrument.</i>	M ID 2/2
M	CUR02	100 Currency Code Code (Standard ISO) for country in whose currency the charges are specified. <i>Use to indicate the currency in which the award instrument is issued, if other than U.S. dollars.</i>	M ID 3/3
	CUR03	280 Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another. <i>Use to identify the exchange rate between U.S. dollars and the currency in which the award is issued. Use only for financial obligation purposes.</i>	O R 4/6
	CUR04	98 Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual PR Payer	O ID 2/2

	CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified. <i>Use to identify the currency in which payment will be made if other than US dollars.</i>	O ID 3/3
X	CUR06	669	Currency Market/Exchange Code Code identifying the market upon which the currency exchange rate is based. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 3/3
X	CUR07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	X ID 3/3
X	CUR08	373	Date Date (YYMMDD).	O DT 6/6
X	CUR09	337	Time 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)	O TM 4/8
X	CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
X	CUR11	373	Date Date (YYMMDD).	X DT 6/6
X	CUR12	337	Time 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)	X TM 4/8
X	CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
X	CUR14	373	Date Date (YYMMDD).	X DT 6/6
X	CUR15	337	Time 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)	X TM 4/8
X	CUR16	374	Date/Time Qualifier Code specifying type of date or time, or both date and time. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
X	CUR17	373	Date Date (YYMMDD).	X DT 6/6
X	CUR18	337	Time 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)	X TM 4/8
X	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
X	CUR20	373	Date	X DT 6/6

X CUR21 337 Date (YYMMDD).
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 Numbers

Position: 050

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify identifying numbers.

Notes: Use this 1/REF/050 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.

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

Semantic Notes:

Comments:

Data Element Summary

M	Ref. Des.	Data Element	Name	Attributes	
				M	ID 2/2
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.		
			16	Military Interdepartmental Purchase Request (MIPR) Number A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement	
			2E	Foreign Military Sales Case Number A reference number designating the foreign military sale records <i>Use to indicate a Foreign Military Sale.</i>	
			2S	Catalog <i>Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can be found.</i>	
			2Y	Wage Determination <i>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.</i>	
			5N	Citation of Statute <i>Use to indicate the authorization under which this instrument is awarded.</i>	
			73	Statement of Work (SOW) Description of a product or service to be procured under a contract; statement of requirements <i>If a Statement of Work is part of the award, the PWK segment can be used to indicate how the SOW is being provided.</i>	
			97	Package Number A serial number indicating unit shipped	
			AH	Agreement Number	

	<i>Use to indicate a Union Agreement number.</i>
AU	Authorization to Meet Competition No. <i>Use to indicate the FAR part 6 authority for using other than full and open competition.</i>
BL	Government Bill of Lading
CR	Customer Reference Number <i>Use to indicate the internal number the contractor assigned to the buying party.</i>
DG	Drawing Number
DS	Defense Priorities Allocation System (DPAS) Priority Rating <i>When used, the code cited in REF02 is a 4 position code.</i>
E4	Charge Card Number <i>Use to indicate the Government credit card number under which payment for this instrument will be accomplished.</i>
IJ	Standard Industry Classification (SIC) Code <i>Use to indicate the Standard Industrial Classification (SIC) Code applicable to this award instrument.</i>
IL	Internal Order Number <i>Use to indicate the requisition (e.g., MILSTRIP/FEDSTRIP document number).</i>
IQ	End Item <i>Use to indicate the end item to which the items in the award instrument pertains.</i>
IX	Item Number <i>Use to indicate a Federal supply schedule (FSS) special item number.</i>
K4	Criticality Designator A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions <i>Use to indicate the surveillance criticality designator applicable to the award instrument.</i>
K6	Purchase Description
KL	Contract Reference <i>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).</i>
KS	Solicitation A discreet number assigned by the purchasing activity to differentiate between different solicitations <i>Use to indicate the solicitation number that resulted in this award instrument. If applicable, concatenate the LAST amendment number with the solicitation number.</i>
LT	Lot Number
NI	Military Standard (MIL-STD) Number

NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code <i>Use to indicate the project number applicable to this award instrument.</i>
PH	Priority Rating <i>Use to indicate the MILSTRIP/FEDSTRIP priority rating.</i>
PR	Price Quote Number <i>Use to indicate the contractor's quote or offer number.</i>
QC	Product Specification Document Number Model designation of replacement component
RQ	Purchase Requisition No. <i>Use to indicate the Purchase Request (PR) number or the 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.</i>
RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number <i>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.</i>
T4	Signal Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
TG	Transportation Control Number (TCN)
TN	Transaction Reference Number <i>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.</i>
TP	Test Specification Number
VW	Standard <i>Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.</i>
W2	Weapon System Number Identifies a weapon system <i>Use to indicate the Weapon System Code.</i>
W8	Suffix Differentiates between partial actions taken on the original transaction <i>Use to indicate a MILSTRIP/FEDSTRIP requisition suffix number. This code can be used if there is ONLY</i>

WF Locally Assigned Control Number
 XC Cargo Control Number
Use to indicate a tracking number for bulk fuel being sent by a tanker vessel.
 XE Transportation Priority Number
 Number indicating the level of government priority associated with the transportation of a shipment
 ZZ Mutually Defined
Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

REF02 127 Reference Number X AN 1/30
 Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
If a document has a revision or extension, the document number and the revision or extension number should be concatenated and cited in this data element.

REF03 352 Description X AN 1/80
 A free-form description to clarify the related data elements and their content.
 1. *Use to carry additional information related to a reference number cited in REF02.*
 2. *Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Notes: Use this segment to identify names and communications numbers for points of contacts that are not associated with an address.
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	PER01	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named.	
		AV Advisor <i>Use to indicate the government party who will work with the contractor on basic R&D efforts in a particular science area.</i>	
		BD Buyer Name or Department <i>Includes Grants Management Specialists.</i>	
		CD Contract Contact <i>Use to indicate a Contracting Officer's Representative.</i>	
		NT Notification Contact <i>Use to indicate the party to be contacted for shipping instructions. Use only when LDT01 in the 1/LDT/160 segment cites code AI.</i>	
		PC Purchasing Contracting Officer (PCO) Person to whom a warrant has been issued authorizing that person to obligate funds on behalf of the government <i>Includes Grants/Contract Project Officer.</i>	
		RE Receiving Contact <i>Use to indicate the party to contact to schedule a shipment. Use only when LDT01 in the 1/LDT/160 segment cites code AI.</i>	
	PER02	93 Name Free-form name. <i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to provide the party's title.</i>	O AN 1/35
	PER03	365 Communication Number Qualifier Code identifying the type of communication number.	X ID 2/2
		AU Defense Switched Network	

			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		FX	Facsimile
		IT	International Telephone <i>Include the country code.</i>
		TE	Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER04	364	Communication Number	X AN 1/80 Complete communications number including country or area code when applicable.
PER05	365	Communication Number Qualifier	X ID 2/2 Code identifying the type of communication number. <i>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.</i>
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension <i>Use only if PER03 is used citing either code AU or TE.</i>
		FX	Facsimile
		IT	International Telephone <i>Include the country code.</i>
		TE	Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER06	364	Communication Number	X AN 1/80 Complete communications number including country or area code when applicable.
PER07	365	Communication Number Qualifier	X ID 2/2 Code identifying the type of communication number. <i>Use to identify a third communications number for the party cited in PER02.</i>
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension <i>Use only if PER05 is used citing either code AU or TE.</i>
		FX	Facsimile
		IT	International Telephone <i>Include the country code.</i>
		TE	Telephone

Use 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.			
PER09	443	Contact Inquiry Reference	O	AN	1/20
		Additional reference number or description to clarify a contact number. <i>Use, if necessary, to provide the title of the party cited in PER02.</i>			

Segment: **FOB** F.O.B. Related Instructions
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment
Notes: 1. Use this 1/FOB/080 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. This segment is not used when the award instrument is for construction or a service without deliverables.

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:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	FOB01	146 Shipment Method of Payment Code identifying payment terms for transportation charges.	
		BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE Prepaid and Summary Bill <i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP Prepaid (by Seller) <i>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.</i>	
		PS Paid by Seller The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate transportation charges are included in the unit price.</i>	
	FOB02	309 Location Qualifier Code identifying type of location.	X ID 1/2

Use to identify the FOB point.

DE Destination (Shipping)
 FV Free Alongside Vessel (Free On Board [F.O.B.] Point)
 IT Intermediate FOB Point

A location indicating the point of destination is not the origin or final destination but rather at some other point

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC 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 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 KX in N101.

OR Origin (Shipping Point)

ZZ Mutually Defined

Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

X FOB03 352 Description O AN 1/80

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

X FOB04 334 Transportation Terms Qualifier Code O ID 2/2

Code identifying the source of the transportation terms.

Refer to 003050 Data Element Dictionary for acceptable code values.

X FOB05 335 Transportation Terms Code X ID 3/3

Code identifying the trade terms which apply to the shipment transportation responsibility.

Refer to 003050 Data Element Dictionary for acceptable code values.

FOB06 309 Location Qualifier X ID 1/2

Code identifying type of location.

Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 1/N1/310 loop is Code L1.

DE Destination (Shipping)

OR Origin (Shipping Point)

ZZ Mutually Defined

Use to indicate the acceptance point is neither at origin nor at destination. Provide the acceptance point address in the N1 loop, citing code KZ in N101; provide the inspection point in another iteration of the N1 loop, citing code L1 in N101.

X FOB07 352 Description O AN 1/80

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

X	FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	FOB09	352	Description A free-form description to clarify the related data elements and their content.	X	AN	1/80

Segment: CSH Header Sale Condition

Position: 110

Loop:

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify general conditions or requirements of the sale

Notes: 1. Use this 1/CSH/110 segment to specify requirements that apply to all of the line items. When requirements vary by line item , use the 2/IT8/140 segment.

2. Use this segment also to specify special services (minimum packaging requirements) that apply to all of the line items. These special services are identified in CSH07. If this information varies by line item, cite the information in the 2/PO4/090 segment in PO404.

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

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

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

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

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

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

5 CSH09 is the percent of the Set-Aside.

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>O</u> <u>ID</u> <u>1/2</u>
CSH01	563	Sales Requirement Code Code to identify a specific requirement or agreement of sale	O ID 1/2
		GS Guaranteed Sale <i>Use to indicate a multi-year award.</i>	
		P2 Ship As Soon As Possible	
		P4 Do Not Preship	
		SC Ship Complete <i>Use to indicate partial shipments will not be accepted.</i>	
		SV Ship Per Release <i>Use to indicate that the ordered item(s) are to be shipped in place.</i>	
CSH02	564	Do-Not-Exceed Action Code Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565). <i>Use any code.</i>	O ID 1/1
		Refer to 003050 Data Element Dictionary for acceptable code values.	
CSH03	610	Amount Monetary amount. <i>1. Use to identify a maximum price that if a contractor would exceed , the order need not be filled.</i>	X N2 1/15
X	CSH04	508 Account Number Account number assigned.	O AN 1/35
X	CSH05	373 Date	O DT 6/6

			Date (YYMMDD).			
	CSH06	559	Agency Qualifier Code	X	ID	2/2
			Code identifying the agency assigning the code values.			
			AX ANSI Accredited Standards Committee, X12.			
	CSH07	560	Special Services Code	X	ID	2/10
			Code identifying the special service.			
			<i>Use to identify general packaging requirements when MILSTD 2073-2C packaging codes are not required to provide the information.</i>			
			PL Palletizing			
			<i>Use to indicate palletized loads are required.</i>			
			S0050 Special Packaging			
			<i>Use to indicate that shrink wrap is required.</i>			
X	CSH08	566	Product/Service Substitution Code	O	ID	1/2
			Code indicating product or service substitution conditions.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	CSH09	954	Percent	O	R	1/10
			Percentage expressed as a decimal			

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 120
Loop: SAC
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Notes: Use this 1/SAC/120 segment to identify services, allowances, or non-CLIN charges and, if applicable, quantities applicable to all of the line items. If the services, allowances, or non-CLIN charges vary by line item, use the 2/SAC/130 segment.
Syntax Notes:

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

Semantic Notes:

- 1 If SAC01 is A or C, then at least one of SAC05, SAC07, or SAC08 is required.
- 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- 3 SAC08 is the allowance or charge rate per unit.
- 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- 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.

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 a "Dollar Basis Amount." It is represented in the SAC segment in SAC10 using the qualifier DO - Dollars in SAC09.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>1/1</u>
M	SAC01	248 Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified. A Allowance C Charge N No Allowance or Charge <i>Use to indicate there is no charge for the specified service.</i>	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge <i>Any code may be used but it should be the same code as provided in the quote</i>	X ID 4/4

or offer. The following is a list of preferred codes.

A880 Cancellation Charge

When CSH01 is code GS, use to indicate the cancellation ceiling amount.

B180 Cleaning Charge

B610 Container Service Charge USA/Canada

Use to indicate a reusable container

B870 Customs Charge

C240 Disconnect Charge

C330 Distribution Fee

C370 Diversion Charge

C880 Expediting Premium

D500 Handling

D530 Hazardous Cargo Charge

D660 Hook-up Charge

D820 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)

F150 Packing Service

F460 Postage

F560 Premium Transportation

F830 Proof of Delivery

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

G030 Reconnect Charge

G350 Rents and Leases

G470 Restocking Charge

G580 Rework

G660 Scrap Allowance

G740 Service Charge

G760 Set-up

H170 Special Tooling Charge

H430 Storage

H540 Supplemental Items

Use to indicate Contractor Acquired Parts (CAP).

H550 Surcharge

H990 Testing Service Charge

I260 Transportation Direct Billing

I380 Unloading (Labor Charges)

I590 Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

X	SAC03	559	Agency Qualifier Code	X	ID	2/2
			Code identifying the agency assigning the code values.			

Refer to 003050 Data Element Dictionary for acceptable code values.

X	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10
			Agency maintained code identifying the service, promotion, allowance, or			

	SAC05	610	charge Amount	O N2	1/15
			Monetary amount.		
	SAC06	378	Allowance/ Charge Percent Qualifier	X ID	1/1
			Code indicating on what basis allowance or charge percent is calculated. <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.		
	SAC07	332	Percent	X R	1/6
			Percent expressed as a percent <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>		
	SAC08	118	Rate	O R	1/9
			Rate expressed in the standard monetary denomination for the currency specified		
	SAC09	355	Unit or Basis for Measurement Code	X ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.		
	SAC10	380	Quantity	X R	1/15
			Numeric value of quantity. <i>Use to indicate the quantity to which the amount in SAC05 applies. SAC 10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>		
	SAC11	380	Quantity	O R	1/15
			Numeric value of quantity. <i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>		
X	SAC12	331	Allowance or Charge Method of Handling Code	O ID	2/2
			Code indicating method of handling for an allowance or charge. Refer to 003050 Data Element Dictionary for acceptable code values.		
	SAC13	127	Reference Number	X AN	1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Use to identify the ACRN, project code, funding code or accounting code to which a charge or allowance is applicable. These reference numbers and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.</i>		
X	SAC14	770	Option Number	O AN	1/20
			A unique number identifying available promotion or allowance options when more than one is offered.		
X	SAC15	352	Description	O AN	1/80
			A free-form description to clarify the related data elements and their content.		

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale.
Notes: 1. Use this 1/ITD/130 segment to identify discount information applicable to all of the line items. If discounts vary by line item, use the 2/ITD/150 segment.
 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.

Syntax Notes: 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes: 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments: 1 If the code in ITD01 is 04, then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is 05, then ITD06 or ITD07 is required.

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes
X	ITD01	336	Terms Type Code Code identifying type of payment terms. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
	ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	O R 1/6
X	ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned.	X DT 6/6
	ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned.	X N0 1/3
X	ITD06	446	Terms Net Due Date Date when total invoice amount becomes due.	O DT 6/6
X	ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable).	O N0 1/3
X	ITD08	362	Terms Discount Amount Total amount of terms discount.	O N2 1/10
X	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due.	O DT 6/6
X	ITD10	389	Deferred Amount Due Deferred amount due for payment.	X N2 1/10
X	ITD11	342	Percent of Invoice Payable	X R 1/5

X	ITD12	352	Amount of invoice payable expressed in percent. Description A free-form description to clarify the related data elements and their content.	O AN 1/80
X	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced.	X NO 1/2
X	ITD14	107	Payment Method Code Code identifying type of payment procedures. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1
X	ITD15	954	Percent Percentage expressed as a decimal	O R 1/10

Segment: **DIS** Discount Detail

Position: 140

Loop:

Level: Heading

Usage: Optional

Max Use: 20

Purpose: To specify the exact type and terms of various discount information.

Notes: 1. Use this 1/DIS/140 segment to identify volume discounts that apply to all of the line items or the entire order that are based on the dollar value purchased. Use the 2/DIS/160 segment if the discount varies by line item.

2. Use the 1/N9/290 segment, with N901 citing code KD, and the 1/MSG/300 segment to specify other volume or promotional discounts that apply to all of the line items or the entire order..

Syntax Notes:

- Semantic Notes:**
- 1 DIS05 is the minimum for application of the discount.
 - 2 DIS06 is the maximum for application of the discount.

Comments:

Data Element Summary

Ref.	Data Des.	Data Element	Name	Attributes
M	DIS01	653	Discount Terms Type Code Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 3/3
M	DIS02	654	Discount Base Qualifier Code to define unit of discount, i.e., dollars, cases, alternate products, etc. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
M	DIS03	655	Discount Base Value A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount.	M R 1/10
M	DIS04	656	Discount Control Limit Qualifier Code to define the units of the limits for determining discount. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/3
M	DIS05	657	Discount Control Limit Amount or time associated with application of the discount.	M N0 1/10
	DIS06	657	Discount Control Limit Amount or time associated with application of the discount.	O N0 1/10

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Notes: 1. Use this 1/DTM/150 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.

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name		Attributes
<u>Des.</u>	<u>Element</u>	<u>Date/Time</u>	<u>Qualifier</u>	<u>M</u> <u>ID</u> <u>3/3</u>
M	DTM01	374	Date/Time Qualifier	
			Code specifying type of date or time, or both date and time.	
		002	Delivery Requested	
			<i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>	
		017	Estimated Delivery	
		037	Ship Not Before	
		063	Do Not Deliver After	
			<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before	
			<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
		065	1st Schedule Delivery	
		066	1st Schedule Ship	
		077	Requested for Delivery (Week of)	
			<i>When this code is used cite the beginning day of the week.</i>	
		093	Contract Expiration	
			<i>When BEG02 is code KB, KC, KD, KE, KI, KQ, or KR, use to indicate the expiration date for a procurement instrument.</i>	
		106	Required By	
			<i>Use to indicate delivery is due exactly on the date specified.</i>	
		174	Month Ending	
			<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>	
		193	Period Start	

				<i>Use to indicate the start of a period of performance.</i>
	194	Period End		
				<i>Use to indicate the end of a period of performance.</i>
	227	Lease Term Start		
	228	Lease Term End		
	276	Contract Start		
		The start date for a contract		
				<i>Use to indicate the commencement date of an Agreement or an IDC award instrument.</i>
	279	Contract Completion		
		The finish date for a contract		
				<i>Use to indicate the completion date of an Agreement or an IDC award instrument.</i>
	368	Submittal		
		Date an item was submitted to a customer		
				<i>When REF01 is code TN, use to indicate the date of a related transaction set.</i>
	375	Delivery Start		
		The date that deliveries will begin		
				<i>Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.</i>
	376	Delivery End		
		The date that deliveries will end		
				<i>Use to indicate the end date/time when the total quantity is to be delivered during a specified period.</i>
	937	Department of Labor Wage Determination Date		
				<i>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.</i>
	994	Quote		
		The date on which a (price) quote was rendered		
				<i>When REF01 is code PR, use to indicate the date of the quote or offer.</i>
	996	Required Delivery		
		A date on which or before, ordered goods or services must be delivered		
				<i>Use to indicate delivery is due on or before the specified date.</i>
DTM02	373	Date	X	DT 6/6
		Date (YYMMDD).		
DTM03	337	Time	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>		
DTM04	623	Time Code	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. *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	624	Century	O	N0	2/2
The first two characters in the designation of the year (CCYY).					
DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3
Code indicating the date format, time format, or date and time format.					
<i>1. Use any code.</i>					
<i>2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.</i>					
Refer to 003050 Data Element Dictionary for acceptable code values.					
DTM07	1251	Date Time Period	X	AN	1/35
Expression of a date, a time, or range of dates, times or dates and times.					
<i>Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery time range for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.</i>					

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.

Notes: 1. Use this 1/LDT/160 segment if the delivery schedule applies to all the line items and there will be only one delivery of the total quantity. If the delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/312 loop. If the line item delivery schedule varies by ship-to-addressee, use the 2/LDT/462 loop.

2. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the delivery date is an actual date.

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.

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes		
				M	ID	2/2
M	LDT01	345	Lead Time Code Code indicating the time range.			
			AA			From date of PO receipt to sample ready.
			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.
			AI			From Date of a Specified Event to Delivery <i>Use to indicate that the consignee or other contact must be notified within the time period cited to schedule a shipment. When used, cite the contact communications number in the 1/PER/060 segment.</i>
			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 <i>Use to indicate the completion date, e.g., for a level of effort.</i>
			AY			From Date of Award to Date of Delivery
			AZ			From Date of Receipt of Item to Date of Approval of Item
M	LDT02	380	Quantity Numeric value of quantity.	M	R	1/15
M	LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval	M	ID	2/2
			CY			Calendar Year
			DA			Calendar Days
			KK			Maximum Calendar Days <i>Use to indicate a flexible time period, e.g., X number</i>

MO *of days or less.*
Month
QY Quarter of a Year
SA Semiannual
WK Weeks

LDT04

373

Date

O DT 6/6

Date (YYMMDD).

Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.

Segment: **PID** Product/Item Description
Position: 190
Loop:
Level: Heading
Usage: Optional
Max Use: 200
Purpose: To describe a product or process in coded or free-form format
Notes: 1. Use this segment to provide a description of the item or service being ordered.

2. Use this 1/PID/190 segment to provide an overall description that applies to all line items. 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.

3. 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.

Syntax Notes: 1 If PID04 is present, then PID03 is required.
 2 At least one of PID04 or PID05 is required.
 3 If PID07 is present, then PID03 is required.
 4 If PID08 is present, then PID03 is required.

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. A "N" indicates it does not apply. Any other value is indeterminate.

Comments: 1 If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.
 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>1/1</u>
M	PID01	349 Item Description Type 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 Code identifying the general class of a product or process characteristic Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/3
	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values. Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic.	X AN 1/12

	PID05	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
X	PID06	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described. Refer to 003050 Data Element Dictionary for acceptable code values.	
X	PID07	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier.	
X	PID08	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response. Refer to 003050 Data Element Dictionary for acceptable code values.	

- Segment:** **MEA** Measurements
- Position:** 200
- Loop:**
- Level:** Heading
- Usage:** Optional
- Max Use:** 40
- Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001.)
- Notes:**
1. Use this 1/MEA/200 segment to provide 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; and for a requirements or an indefinite quantity type award instrument, 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, and warranty periods.
- 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:**
- 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
- Comments:**
- 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		<i>Use any code.</i>	

BT Batch Limits

When BEG02 is code 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 requirements or an indefinite quantity 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.

CT Counts

Use to indicate variations in quantity permitted when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects

Use to indicate a warranty period.

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 requirements or an

indefinite quantity 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 requirements or an indefinite quantity 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 requirements or an indefinite quantity 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.

		Refer to 003050 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			
		<i>Use any code.</i>			
		MX Maximum			
		<i>When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified time period.</i>			
		PO Percent of Order (-, +)			
		<i>Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.</i>			
		RY Ratio			
		<i>When BEG09 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.</i>			
		TT Time			
		<i>Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.</i>			
		Refer to 003050 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 Appendix for examples of use.)			
		<i>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 requirements or indefinite quantity type award instrument.</i>			
		<i>2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite MX, MEA03 would cite 10,000, MEA04-C00101 would cite EA, and MEA04-4 would cite Q1.</i>			

M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID	2/2
X	C00102	1018	Exponent Power to which a unit is raised.	O R	1/15
X	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	C00105	1018	Exponent Power to which a unit is raised.	O R	1/15
X	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
X	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	C00108	1018	Exponent Power to which a unit is raised.	O R	1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
X	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	C00111	1018	Exponent Power to which a unit is raised.	O R	1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
X	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	C00114	1018	Exponent Power to which a unit is raised.	O R	1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range.	X R	1/20

1. When MEA01 is code CT, or MEA02 is code PO, 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. 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 CT, or MEA02 is code PO, 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. 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).			
X	MEA07	935	Measurement Significance Code	O	ID	2/2
			Code used to benchmark, qualify or further define a measurement value.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	MEA08	936	Measurement Attribute Code	X	ID	2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	MEA09	752	Surface/Layer/Position Code	O	ID	2/2
			Code indicating the product surface, layer or position that is being described.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	MEA10	1373	Measurement Method or Device	X	ID	2/4
			The method or device used to record the measurement			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To identify the type and transmission of paperwork or supporting information
Notes: 1. Use this 1/PWK/210 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.

Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments: 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 2 PWK07 may be used to indicate special information to be shown on the specified report.
 3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	PWK01	755 Report Type Code	
		Code indicating the title or contents of a document, report or supporting item	
		<i>Use to identify the type of paperwork that is being provided to or must be provided by the contractor.</i>	
		25 Purchase Plan	
		<i>Use to indicate a make or buy plan.</i>	
		35 Subcontractor Plan	
		AE Attachment	
		<i>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.</i>	
		C1 Cost Data Summary	
		<i>Use to indicate non-certified cost and price data.</i>	
		C5 Certified Cost and Price Data	
		C6 Wage Determination	
		<i>When used identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.</i>	
		CP Certificate of Compliance (Material Certification)	
		<i>Use to indicate a Certificate of Conformance. When used, PWK04 should cite code PC.</i>	
		CX Cost/Schedule Status Report (C/SSR)	
		Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown	

	structure
CY	Contract Funds Status Report (CFSR) Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs
DW	Drawing(s)
F1	Cost Performance Report (CPR) Format 1 Detailed contract status report including current reporting month values at specified levels of the work breakdown structure
F2	Cost Performance Report (CPR) Format 2 Detailed contract status report at specified levels of the organization breakdown structure
F3	Cost Performance Report (CPR) Format 3 Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values
F4	Cost Performance Report (CPR) Format 4 Contract resource summary report that forecasts labor requirements for the remainder of a contract
F5	Cost Performance Report (CPR) Format 5 Contract summary or detail report explaining significant cost or schedule variances
IT	Certified Inspection and Test Results
MR	Material Inspection and Receiving Report
MS	Material Safety Data Sheet
PD	Proof of Delivery
PJ	Purchasing Specification Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments <i>Use to indicate a Statement of Work (SOW).</i>
PM	Proof of Insurance
PP	Proposal
S9	Representation A statement (report) by a prospective contractor that makes a representation about a specific condition <i>Use to indicate a payment and performance bond.</i>
SF	Contract Security Classification Specification <i>Use to indicate that additional information relative to the Contract Security Classification Specification transmitted in this transaction set will be provided.</i>
SN	Shipping Notice
SP	Specification
US	"BUY AMERICA" Certification of Compliance

PWK02

756

Report Transmission Code

O ID 1/2

Code defining timing, transmission method or format by which reports are to be sent

BE By Mail and Electronically
Use to indicate E-Mail.

BM By Mail

CF Courier

EL Electronically Only
Use to indicate Electronic Data Interchange (EDI).

FX By Fax

WS With Shipment (With Package)

PWK03 757 Report Copies Needed **O NO 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.

PWK04 98 Entity Identifier Code **O ID 2/2**

Code identifying an organizational entity, a physical location, or an individual
Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/310 segment and/or the recipient communication number in the 1/PER/260 segment.

7D Contracting Officer Representative

7N Party to Receive Proposal

BY Buying Party (Purchaser)

Use to indicate the Contracting Officer.

C4 Contract Administration Office

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

IS Party to Receive Certified Inspection Report

Use when PWK01 is code IS or MR.

KF Audit Office

The office performing the audit

KG Project Manager

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

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

The organization designated to receive reports

X PWK05 66 Identification Code Qualifier **X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67).

Refer to 003050 Data Element Dictionary for acceptable code values.

X	PWK06	67	Identification Code Code identifying a party or other code.	X	AN	2/20
	PWK07	352	Description A free-form description to clarify the related data elements and their content. <i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i> <i>3. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.</i>	O	AN	1/80
	PWK08	C002	Actions Indicated Actions to be performed on the piece of paperwork identified	O		
M	C00201	704	Paperwork/Report Action Code 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 <i>When PWK01 is code 25, 35, C1, C5, CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, MS, PD, PM, PP, S9, SN, or US, indicate the specified paperwork is required to be provided by the contractor.</i> PV Provided <i>When PWK01 is code AE, C6, DW, PJ, SF, or SP, use to indicate the specified paperwork is being provided by the buyer.</i>	M	ID	1/2
X	C00202	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2
X	C00203	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2
X	C00204	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2
X	C00205	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2

Segment: **PKG** Marking, Packaging, Loading

Position: 220

Loop:

Level: Heading

Usage: Optional

Max Use: 200

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

Notes: 1. Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/420 segment. If the packaging requirements vary by line item, use the 2/PKG/300 segment or the 2/PKG/460 segment if the packaging requirements are applicable to a named entity.

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.

- Syntax Notes:**
- 1 At least one of PKG04 PKG05 or PKG06 is required.
 - 2 If PKG04 is present, then PKG03 is required.
 - 3 If PKG05 is present, then PKG01 is required.

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

- Comments:**
- 1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
 - 2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used.
 - 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
 - 4 Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		<u>X</u> <u>ID</u> <u>1/1</u>
PKG01	349	Item Description Type 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 Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described. <i>Use the listed codes to identify the applicable packaging requirements.</i> CD Cleaning or Drying Procedure CT Cushioning Thickness CUD Cushioning and Dunnage HM Hazardous Material IC Intermediate Container LP Level Of Preservation OPI Optional Procedure Indicator PK Packing <i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the</i>	<u>O</u> <u>ID</u> <u>1/5</u>

first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable, cite MILSTD 2073-2C code X in PKG04.

PM Preservation Method
 PML Preservation Material
 SMK Special Marking
 UC Unit Container
 UCL Unit Container Level
 WM Wrapping Material

PKG03 **559** **Agency Qualifier Code** **X** **ID** **2/2**
 Code identifying the agency assigning the code values.

DF Department of Defense (DoD)
 GS General Services Administration (GSA)
 Responsible for Federal Specification
 ZZ Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in ASC X12 Version/Release 3060.

PKG04 **754** **Packaging Description Code** **X** **AN** **1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.

1. The actual codes associated with the packaging characteristics codes cited in PKG02 can be found in Code Source List 197 (MIL-STD-2073-2C).

2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).

3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD-2073-2C. Use PKG05 to provide the supplementary or special requirements.

4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).

5. Whenever a code is used in PKG04 requires an explanation or additional information, provide it in PKG05.

PKG05 **352** **Description** **X** **AN** **1/80**

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

1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.

2. Use of free form text is discouraged if the information can be provided by

X PKG06 400 *some other means within the transaction set.*
Unit Load Option Code X ID 2/2
Code identifying loading or unloading a shipment
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 240
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier, sequence of routing and to provide transit time information
Notes: Use this 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/390 segment. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/430 segment when the information is applicable to a named entity.

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.

Semantic Notes:

Comments:

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

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
X	TD501	133 Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
	TD502	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67). 10 Department of Defense Activity Address Code (DODAAC) <i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	X ID 1/2
	TD503	67 Identification Code Code identifying a party or other code.	X AN 2/20
	TD504	91 Transportation Method/Type Code Code specifying the method or type of transportation for the shipment. 1. Use any code. 2. An application program conversion table may be required to convert agency codes to ASC X12 codes. <i>D Parcel Post</i> Use to indicate the U.S. Postal Service and not a private carrier. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
X	TD505	387 Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	X AN 1/35
X	TD506	368 Shipment/Order Status Code	X ID 2/2

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD507	309	Location Qualifier Code identifying type of location.	O	ID	1/2
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD508	310	Location Identifier Code which identifies a specific location.	X	AN	1/30
X	TD509	731	Transit Direction Code The point of origin and point of direction.	O	ID	2/2
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time.	O	ID	2/2
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD511	733	Transit Time The numeric amount of transit time.	X	R	1/4
	TD512	284	Service Level Code Code defining service	X	ID	2/2
			<i>1. When BEG02 is code EO, use to identify the transportation requirements to satisfy the emergency order.</i>			
			<i>2. Use any code.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

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

Notes: Use this 1/TD4/260 segment to identify special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/410 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/450 segment if the information is applicable to a named entity.

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.
 2 If TD402 is present, then TD403 is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code Code specifying special transportation handling instructions. <i>Use any code but the listed codes are preferred.</i> AMM <i>A.M. Delivery Requirement</i> DA <i>Dangerous</i> EP <i>Expedite</i> EX <i>Explosive Flammable Gas</i> FG <i>Flammable Gas</i> FL <i>Flammable</i> FP <i>Flammable Poison Gas</i> HM <i>Endorsed as Hazardous Material</i> LT <i>Less Than Full Carload</i> LTT <i>Less Than Truckload</i> NC <i>Notify Consignee before Delivery</i> PG <i>Poisonous Gas</i> PMM <i>P.M. Delivery Requirement</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209). <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material.	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80

- Segment:** **MAN** Marks and Numbers
- Position:** 270
- Loop:**
- Level:** Heading
- Usage:** Optional
- Max Use:** 10
- Purpose:** To indicate identifying marks and numbers for shipping containers
- Notes:**
1. Use this 1/MAN/270 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/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.
- Syntax Notes:**
1. If either MAN04 or MAN05 is present, then the other is required.
 2. If MAN06 is present, then MAN05 is required.
- Semantic Notes:**
1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
 2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
 3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
- Comments:**
1. When MAN01 contains code UC (U.P.C. Shipping Container-Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
 2. MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87). S Entire Shipment	M ID 1/2
M	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	M AN 1/45
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	O AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87). S Entire Shipment	X ID 1/2
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	X AN 1/45
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	O AN 1/45

Segment: **TXI** Tax Information
Position: 285
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify tax information.
Notes: Use this 1/TXI/285 segment to identify taxes that apply to the total order amount. Use the 2/TXI/292 segment to identify taxes that apply to individual line item amounts.

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 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			
M	TXI01	963	Tax Type Code	M	ID	2/2
			Code specifying the type of tax. <i>Use any code.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	TXI02	782	Monetary Amount	X	R	1/15
			Monetary amount.			
	TXI03	954	Percent	X	R	1/10
			Percentage expressed as a decimal <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>			
X	TXI04	955	Tax Jurisdiction Code Qualifier	X	ID	2/2
			Code identifying the source of the data used in tax jurisdiction code. Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TXI05	956	Tax Jurisdiction Code	X	AN	1/10
			Code identifying the taxing jurisdiction.			
	TXI06	441	Tax Exempt Code	X	ID	1/1
			Code identifying exemption status from sales and use tax. <i>Use any code.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	TXI07	662	Relationship Code	O	ID	1/1
			Code indicating the relationship between entities			
			A Add			
			D Delete			
			I Included			
	TXI08	828	Dollar Basis For Percent	O	R	1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax			

TXI09	325	Tax Identification Number	O AN 1/20
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.), often called a tax exemption number or certificate number. <i>When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.</i>	
TXI10	350	Assigned Identification	O AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set. <i>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.</i> <i>2. Use only when TXI07 is code A.</i>	

Segment: **AMT** Monetary Amount
Position: 287
Loop: AMT
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount.
Notes: Use this 1/AMT/287 segment to specify the total amount of obligated funds for each accounting classification cited in the AT segment, 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.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes		
				M	ID	1/2
M	AMT01	522	Amount Qualifier Code Code to qualify amount <i>For correct use of the following codes in various fee and profit arrangements by type of contract, see Appendix A.</i>			
			29 Estimated Price The latest revised estimate of the total cost at complete for a contract			
			30 Contract Ceiling The ceiling price applicable to defined effort			
			32 Target Fee or Profit Amount The fee (can also be percent) of profit that will apply to defined contract effort			
			33 Original Contract Target Cost Value of the original negotiated contract			
			70 Open Commitments Value of supplies or other items committed to for payment (such as on delivery of products)			
			E9 Initial Fee Beginning charge before any reductions			
			FE Fee			
			K4 Initial Target Fee			
			K5 Minimum Fee			
			K6 Maximum Fee			
			K8 Special Accounting Classification Reference Number (ACRN) Amount <i>Use when REF01 in the 1/REF/289 segment is code 2V.</i>			
			KC Obligated An amount a party has an obligation to pay upon a successful performance by another party, (e.g., funds obligated on a contract) <i>Use code KC when the AT segment carries long line accounting data and REF01 in the 1/REF/289 segment</i>			

is code AX.

KO Committed Amount
KY Not-To-Exceed Price
ZQ Initial Target Cost

M	AMT02	782	Monetary Amount Monetary amount.	M	R	1/15
X	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/1

Segment: **AT** Financial Accounting
Position: 288
Loop: AMT
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit financial accounting data
Notes: Use this segment to provide the financial accounting data applicable to this award instrument.
Syntax Notes: 1 If AT10 is present, then AT01 is required.
Semantic Notes:
Comments: 1 AT09 identifies unique local activity financial accounting information

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
X	AT01	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/20
M	AT02	1282	Treasury Symbol Number Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure <i>Cite the basic appropriation number in this data element (department code, fiscal year (X for no year), treasury account number, and appropriation limit). Example: 17931810.0400.</i>	O AN 7/21
X	AT03	1283	Budget Activity Number Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure	O AN 1/16
X	AT04	1284	Object Class Number Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	O AN 3/12
X	AT05	1285	Reimbursable Source Number Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	O AN 1/3
X	AT06	1286	Transaction Reference Number Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure	O AN 4/20
M	AT07	1287	Accountable Station Number Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure <i>Cite the Accountable Station Number in this data element. 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 4000.25-6-M "Department of Defense Activity Address Directory." Civilian Agencies will cite their equivalent organization code.</i>	O AN 3/8
X	AT08	1288	Paying Station Number Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a	O AN 8/14

M	AT09	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content. <i>Cite the balance of the financial accounting data which should include the Accountable Station Number cited in AT07.</i>	
X	AT10	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **REF** Reference Numbers
Position: 289
Loop: AMT
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes: Use this segment to identify a number or a code applicable to the financial accounting data cited in the preceding AT segment. 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.

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	
			10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>	
			1Z Financial Detail Code	
			2V Special Government Accounting Classification Reference Number (ACRN)	
			AX Government Accounting Class Reference Number (ACRN)	
			FU Fund Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
			P4 Project Code	
			TH Transportation Account Code (TAC)	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
X	REF03	352	Description A free-form description to clarify the related data elements and their content.	X AN 1/80

Segment: **N9** Reference Number
Position: 290
Loop: N9
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Notes:
 1. Use this 1/N9/290 loop to identify various clauses (e.g., FAR, DFARS, FIRMR, GSARS, VAARS, Agency, or other clauses), 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 segment.
 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.
Syntax Notes:
 1 At least one of N902 or N903 is required.
 2 If N906 is present, then N905 is required.
Semantic Notes:
 1 N906 reflects the time zone which the time reflects.
Comments:

Data Element Summary

M	Ref. Des. N901	Data Element 128	Name	Attributes		
				M	ID	2/2
			Reference Number Qualifier Code qualifying the Reference Number.			
			73 Statement of Work (SOW) Description of a product or service to be procured under a contract; statement of requirements			
			BB Authorization Number Proves that permission was obtained to provide a service <i>Use to indicate the Code of Federal Regulations.</i>			
			CJ Clause Number <i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFAR, FIRMR, etc.). Identify the purchasing activity issuing the clause in N903.</i>			
			DF Defense Federal Acquisition Regulations (DFAR)			
			DX Department/Agency Number <i>Use to indicate an Agency clause and identify the agency in N903.</i>			
			EC Circular <i>Use to identify an Office of Management and Budget (OMB) circular number.</i>			
			FA Federal Acquisition Regulations (FAR)			
			GS General Services Administration Regulations (GSAR)			
			H4 Federal Information Resources Management Regulation			

	N904	373	Date	O DT 6/6
			Date (YYMMDD). <i>Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.</i>	
X	N905	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)	
X	N906	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **MSG** Message Text
Position: 300
Loop: N9
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Notes:

1. Use this segment to carry the title or full text of any clause, if it is required, 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. When providing fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the fill-ins being provided. Each fill-in will be preceded by the paragraph or section identifier in the clause where the fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the fill-ins being provided.
3. A pipe sign (|) will be inserted after each data item. As an example, the fill-in information required by FAR 52.212-3 will be provided as follows:

Commencement, Prosecution, and Completion of Work| Alternative I (Apr 1984)| 3| (a)
30| (c) Sep 30, 1995| Jan 15, 1995|

Syntax Notes:**Semantic Notes:**

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: N1 Name
Position: 310
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name and code
Notes: 1. Use this 1/N1/310 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 3 iterations of this segment are required using codes BY, PO, and SE.

- Syntax Notes:**
- 1 At least one of N102 or N103 is required.
 - 2 If either N103 or N104 is present, then the other is required.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
			M	ID 2/2
M	N101	Entity Identifier Code		
		Code identifying an organizational entity, a physical location, or an individual		
		28 Subcontractor		
		31 Postal Mailing Address		
		<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>		
		54 Order Writer		
		Individual who receives the product from the customer and prepares the repair order describing work to be performed		
		<i>Use to indicate activities authorized to place orders against basic procurement instruments, e.g., requirements, indefinite quantity, BPAs, BOAs, etc.</i>		
		61 Performed At		
		The facility where work was performed		
		<i>Use to indicate the place of performance when it is other than the contractor's mailing address.</i>		
		7D Contracting Officer Representative		
		7E Party Authorized to Definitize Contract Action		
		7G Hazardous Material Office		
		7H Government Furnished Property FOB Point		

7M	Inspection and Acceptance Location
7N	Party to Receive Proposal <i>Use to indicate the office to receive a proposal for an undefinitized contract action.</i>
7P	Transportation Office
92	Support Party The organization supporting the resolution of an investigation <i>Use to indicate a secondary Contract Administration Office.</i>
AE	Additional Delivery Address <i>Use to indicate a shipment in-place location.</i>
AG	Agent/Agency
BT	Bill-to-Party <i>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.</i>
BY	Buying Party (Purchaser)
C4	Contract Administration Office Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area
C9	Contract Holder <i>Use to indicate the party to whom a contract is awarded if other than the selling party, e.g., The Small Business Administration for a Section 8A award. The contract number awarded by the SBA is cited in BEG06.</i>
CY	Country <i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable ISO country code in N404.</i>
DZ	Delivery Zone Area where the product was delivered <i>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 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.</i>
E5	Examiner <i>Use to indicate a Grant Investigator. Data</i>

Maintenance has been submitted to ASC X12 to add a code for Investigator. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

IC	Intermediate Consignee <i>Use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KA	Item Manager The address of the person responsible for the management of an item of supply <i>Use to indicate the government inventory manager.</i>
KF	Audit Office The office performing the audit
KG	Project Manager The address of the person responsible for the management of a designated project <i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>
KX	Free on Board Point <i>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 is code KE, KL, KP, or ZZ.</i>
KY	Technical Office <i>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.</i>
KZ	Acceptance Location <i>Use to indicate acceptance is at other than origin or destination.</i>
LI	Inspection Location Place where the item was viewed or inspected <i>Use to indicate the inspection location when it has to be described as an address.</i>
OB	Ordered By <i>Use to indicate the activity placing an order against a basic award instrument.</i>
OI	Outside Inspection Agency <i>Use to indicate the inspection agency is other than the Contract Administration Office.</i>
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PL	Party to Receive Purchase Order <i>Use to indicate entities other than the contractor that are to receive copies of the award instrument.</i>
PN	Party to Receive Shipping Notice
PO	Party to Receive Invoice for Goods or Services <i>Use to indicate where the invoice should be mailed.</i>
PR	Payer

					<i>Use to indicate the paying office.</i>
		PW	Pick Up Address		
		R6	Requester		
					<i>Use to indicate the requesting agency/activity.</i>
		RI	Remit To		
					<i>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.</i>
		SE	Selling Party		
					<i>Use to indicate the party receiving the award. If the award is for a Section 8a contract, also use code C9 to identify the Small Business Administration (SBA).</i>
		SM	Party to Receive Shipping Manifest		
		ST	Ship To		
					<i>If the address is an FPO or APO, use the appropriate code in N101, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>
		SV	Service Performance Site		
					<i>When services are contracted for, this describes the organization for whom or location address at which those services will be performed</i>
					<i>Use to indicate the location where a service, e.g., grass cutting, is to be performed.</i>
		TQ	Third Party Reviewing Organization (TPO)		
					<i>Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.</i>
		TS	Party to Receive Certified Test Results		
		X2	Party to Perform Packaging		
					<i>A party responsible for packaging an item after it has been produced</i>
		Z7	Mark-for Party		
					<i>The party for whom the needed material is intended</i>
		ZD	Party to Receive Reports		
					<i>The organization designated to receive reports</i>
N102	93	Name		X AN	1/35
			Free-form name.		
N103	66	Identification Code Qualifier		X ID	1/2
			Code designating the system/method of code structure used for Identification Code (67).		
			<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>		
		1	D-U-N-S Number, Dun & Bradstreet		
					<i>Use of the DUNs number is preferred over other codes to identify an entity.</i>
		10	Department of Defense Activity Address Code (DODAAC)		

Use to indicate a Department of Defense or Civilian Agency Activity Address Code.

33 Commercial and Government Entity (CAGE)
 A2 Military Assistance Program Address Code (MAPAC)
 Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
 ZN Zone

When N101 is code DZ, use to indicate a delivery zone.

	N104	67	Identification Code	X	AN	2/20
			Code identifying a party or other code.			
X	N105	706	Entity Relationship Code	O	ID	2/2
			Code describing entity relationship.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	N106	98	Entity Identifier Code	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **N2** Additional Name Information
Position: 320
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: N3 Address Information
Position: 330
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

Segment: N4 Geographic Location
Position: 340
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the geographic place of the named party
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.
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 USA or Canada.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name	O AN 2/30
		Free-form text for city name.	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency.	
N403	116	Postal Code	O ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	
N404	26	Country Code	O ID 2/3
		Code identifying the country.	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location.	
		AR Armed Services Location Designation	
		Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location.	
		When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).	

Segment: REF Reference Numbers
Position: 350
Loop: N1
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Notes: 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.

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

Data Element Summary

M	Ref.	Data	Name	Attributes		
	Des.	Element		M	ID	2/2
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.			
			10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>			
			1Z Financial Detail Code			
			AT Appropriation Number <i>When used, cite the number in REF03.</i>			
			AX Government Accounting Class Reference Number (ACRN)			
			BL Government Bill of Lading			
			FU Fund Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund			
			IL Internal Order Number <i>Use to indicate the requisition number (MILSTRIP/FEDSTRIP document) number.</i>			
			P4 Project Code			
			TG Transportation Control Number (TCN)			
			TH Transportation Account Code (TAC)			
			ZF Contractor Establishment Code (CEC) Government identifier to designate a contractor; it is nine characters, eight numeric and a final alpha <i>Use only when N101 is code SE.</i>			
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN	1/30
	REF03	352	Description	X	AN	1/80

A free-form description to clarify the related data elements and their content.
When REF01 is code AT, use to identify the appropriation number.

Segment: **PER** Administrative Communications Contact

Position: 360

Loop: N1

Level: Heading

Usage: Optional

Max Use: >1

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

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

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	PER01	366 Contact Function Code	
		Code identifying the major duty or responsibility of the person or group named. <i>Use to identify the various individuals who can be contacted regarding specific areas of this award instrument.</i>	
		AC Administrative Contracting Officer	
		AT Material Safety Data Sheet Contact	
		AV Advisor	
		<i>Use to indicate the government party who will work with the contractor on basic R&D efforts in a particular science area.</i>	
		BD Buyer Name or Department	
		<i>Includes Grants Management Specialists.</i>	
		CD Contract Contact	
		<i>Use to indicate a Contracting Officer's Representative.</i>	
		CN General Contact	
		<i>When N101 is code ST, use to indicate the accepting official at destination.</i>	
		HM Hazardous Material Contact	
		PC Purchasing Contracting Officer (PCO)	
		Person to whom a warrant has been issued authorizing that person to obligate funds on behalf of the government <i>Includes Grants/Contract Project Officer.</i>	
		PP Program Manager	
		QR Ordering Officer	
		An individual authorized to place orders against existing contracts <i>Used to indicate the person placing the order.</i>	
		RP Responsible Person	

				<i>When N101 is code C4, use to indicate the accepting official at origin.</i>
		SI	Investigator	
		SU	Supplier Contact	<i>Use to indicate the party designated as the principal investigator within the selling party's organization.</i>
		TA	Traffic Administrator	<i>Use to indicate a contact within the selling party's organization.</i>
				<i>Use to indicate a transportation officer, i.e., the party who can be contacted for a bill of lading or transportation information.</i>
PER02	93	Name		O AN 1/35
			Free-form name.	
			<i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.</i>	
PER03	365	Communication Number Qualifier		X ID 2/2
			Code identifying the type of communication number.	
		AU	Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		FX	Facsimile	
		IT	International Telephone	<i>Include the country code.</i>
		TE	Telephone	<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER04	364	Communication Number		X AN 1/80
			Complete communications number including country or area code when applicable.	
PER05	365	Communication Number Qualifier		X ID 2/2
			Code identifying the type of communication number.	
			<i>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.</i>	
		AU	Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		EX	Telephone Extension	<i>Use only if PER03 is used citing either code AU or TE.</i>
		FX	Facsimile	
		IT	International Telephone	<i>Include the country code.</i>
		TE	Telephone	<i>Use to indicate the commercial telephone number of</i>

			<i>the individual cited in PER02. Include the area code.</i>
PER06	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable.	
PER07	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number.	
		<i>Use to indicate a third communications number for the party cited in PER02.</i>	
		AU	Defense Switched Network
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension
			<i>Use only if PER05 is used citing either AU or TE.</i>
		FX	Facsimile
		IT	International Telephone
			<i>Include country code.</i>
		TE	Telephone
			<i>Used to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER08	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable.	
PER09	443	Contact Inquiry Reference	O AN 1/20
		Additional reference number or description to clarify a contact number.	
		<i>Use, if necessary, to provide the title of the party cited in PER02.</i>	

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 390
Loop: N1
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier, sequence of routing and to provide transit time information
Notes: Use this 1/TD5/390 segment when the transportation method is the same for all line items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/430 segment when the information is applicable to a named entity.

- 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.

Semantic Notes:

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

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes
X	TD501	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
	TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67). 10 Department of Defense Activity Address Code (DODAAC) <i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	X ID 1/2
	TD503	67	Identification Code Code identifying a party or other code.	X AN 2/20
	TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment. <i>1. Use any code.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> <i>D Parcel Post</i> <i>Use to indicate the U.S. Postal Service and not a private carrier.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
X	TD505	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	X AN 1/35
X	TD506	368	Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any	X ID 2/2

difference between the quantity ordered and the quantity shipped for a line item or transaction.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD507	309	Location Qualifier	O ID	1/2
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Code identifying type of location.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD508	310	Location Identifier	X AN	1/30
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Code which identifies a specific location.

X	TD509	731	Transit Direction Code	O ID	2/2
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The point of origin and point of direction.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD510	732	Transit Time Direction Qualifier	O ID	2/2
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Code specifying the value of time used to measure the transit time.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD511	733	Transit Time	X R	1/4
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The numeric amount of transit time.

	TD512	284	Service Level Code	X ID	2/2
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Code defining service

1. When BEG02 is code EO, use to identify the transportation requirements to satisfy the emergency order.

2. Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

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

Position: 410

Loop: N1

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements or hazardous materials information or both

Notes: Use this 1/TD4/410 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/450 segment if the information is applicable to a named entity.

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

2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions. <i>Any code may be used but the listed codes are preferred.</i>	
		<i>AMM A.M. Delivery Requirement</i>	
		<i>DA Dangerous</i>	
		<i>EP Expedite</i>	
		<i>EX Explosive Flammable Gas</i>	
		<i>FG Flammable Gas</i>	
		<i>FL Flammable</i>	
		<i>FP Flammable Poison Gas</i>	
		<i>HM Endorsed as Hazardous Material</i>	
		<i>LT Less Than Full Carload</i>	
		<i>LTT Less Than Truckload</i>	
		<i>NC Notify Consignee before Delivery</i>	
		<i>PG Poisonous Gas</i>	
		<i>PMM P.M. Delivery Requirement</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209). <i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material.	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

- Segment:** **PKG** Marking, Packaging, Loading
- Position:** 420
- Loop:** N1
- Level:** Heading
- Usage:** Optional
- Max Use:** 200
- Purpose:** To describe marking, packaging, loading and unloading requirements.
- Notes:**
1. Use this 1/PKG/420 segment when the packaging requirements are the same for all of the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/300 segment or the 2/PKG/460 segment if the packaging requirements are applicable to a named entity.
 2. Packaging information such as the number of items in a unit container, the number of unit containers in a intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.
- Syntax Notes:**
- 1 At least one of PKG04 PKG05 or PKG06 is required.
 - 2 If PKG04 is present, then PKG03 is required.
 - 3 If PKG05 is present, then PKG01 is required.
- Semantic Notes:**
- 1 PKG04 should be used for industry-specific packaging description codes.
- Comments:**
- 1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
 - 2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used.
 - 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
 - 4 Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

Ref.	Data	Name	Attributes		
			X	ID	1/1
PKG01	349	Item Description Type			
		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 Characteristic Code	O	ID	1/5
		Code specifying the marking, packaging, loading and related characteristics being described.			
		<i>Use the listed codes to identify the applicable packaging requirements.</i>			
		CD Cleaning or Drying Procedure			
		CT Cushioning Thickness			
		CUD Cushioning and Dunnage			
		HM Hazardous Material			
		IC Intermediate Container			
		LP Level Of Preservation			
		OPI Optional Procedure Indicator			
		PK Packing			
		<i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas</i>			

shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable. cite MILSTD 2073-2C code X in PKG04.

PM Preservation Method
 PML Preservation Material
 SMK Special Marking
 UC Unit Container
 UCL Unit Container Level
 WM Wrapping Material

PKG03	559	Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values.	
		DF Department of Defense (DoD)	
		GS General Services Administration (GSA)	
		Responsible for Federal Specification	
		ZZ Mutually Defined	
		<i>Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in the ASC X12 Version/Release 3060.</i>	
PKG04	754	Packaging Description Code	X AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.	
		<i>1. The actual codes associated with the packaging characteristic codes in PKG02 can be found in Code Source List 197 (MIL-STD-2073-2C).</i>	
		<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).</i>	
		<i>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD-2073-2C. Use PKG05 to provide the supplementary or special requirements.</i>	
		<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>	
		<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>	
PKG05	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content.	
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>	
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
X	PKG06	400	Unit Load Option Code
			X ID 2/2

Code identifying loading or unloading a shipment
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **LM** Code Source Information
Position: 430
Loop: LM
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Notes: Use this loop to provide data to field contract administration offices that cannot be provided by other means within this transaction set.

Syntax Notes:**Semantic Notes:**

Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values. DF Department of Defense (DoD)	M ID 2/2
X	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN 1/15

Segment: LQ Industry Code
Position: 440
Loop: LM
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Notes:
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes		
			O	ID	1/3
LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list			
		2 Type of Business Code The classification of a contractor's business <i>Use to indicate the contractor's type of business classification, e.g., small disadvantaged business, hospital, etc.</i>			
		6 Special Contract Provision Code Certain contract clauses and provisions that require special attention <i>Use to indicate special clauses/provisions.</i>			
		9 Indicator Code A specific condition applies to the contract <i>Use to indicate Contract Administration functional limitations applicable to the award instrument.</i>			
		A9 Supplementary Address Identifies the originating organization's unique logistics information			
LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X	AN	1/20

Segment: **SPI** Specification Identifier
Position: 450
Loop: SPI
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To provide a description of the included specification or technical data items.
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.
Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	SPI01	786	Security Level Code	M	ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following. <i>Use to identify the highest level of safeguarding required for the data associated with the award instrument.</i>		
			92 Government Confidential		
			93 Government Secret		
			94 Government Top Secret		
	SPI02	128	Reference Number Qualifier	X	ID 2/2
			Code qualifying the Reference Number. <i>Use to identify the award instrument number applicable to the Contract Security Classification Specification.</i>		
			CT Contract Number		
	SPI03	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
X	SPI04	790	Entity Title	O	AN 1/132
			Title of the data entity.		
X	SPI05	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.		
X	SPI06	792	Entity Status Code	O	ID 1/1
			Code indicating the current status of the data item specified by the electronic data item. Refer to 003050 Data Element Dictionary for acceptable code values.		
	SPI07	353	Transaction Set Purpose Code	O	ID 2/2
			Code identifying purpose of transaction set. <i>Use to identify the type of Contract Security Classification Specification being issued.</i>		
			00 Original		
			04 Change		
			<i>Use to indicate a revised Contract Security Classification Specification.</i>		

		20	Final Transmission <i>Use to indicate a final Contract Security Classification Specification.</i>		
	SPI08	755	Report Type Code Code indicating the title or contents of a document, report or supporting item SF Contract Security Classification Specification	O ID	2/2
	SPI09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following. <i>Use to indicate the facility clearance level required for the award instrument.</i> 92 Government Confidential 93 Government Secret 94 Government Top Secret	O ID	2/2
X	SPI10	559	Agency Qualifier Code Code identifying the agency assigning the code values. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	SPI11	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN	1/15
X	SPI12	554	Assigned Number Number assigned for differentiation within a transaction set.	O N0	1/6
X	SPI13	1322	Certification Type Code Code indicating the type of certification Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	1/1
X	SPI14	1401	Proposal Data Detail Identifier Code Code identifying the basis of a cited value in a proposal. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	1/3

Segment: **REF** Reference Numbers
Position: 460
Loop: SPI
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify identifying numbers.
Notes: Use to identify reference numbers applicable to the Contract Security Classification Specification.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
				M	ID	2/2
M	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.			
			3X Subcontract Number			
			KS Solicitation			
			YB Revision Number			
			<i>When SPI07 is code 04, use to indicate the revision number of the Contract Security Classification Specification.</i>			
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN	1/30
X	REF03	352	Description A free-form description to clarify the related data elements and their content.	X	AN	1/80

Segment: **DTM** Date/Time Reference
Position: 470
Loop: SPI
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify pertinent dates and times
Notes: Use to identify dates applicable to the Contract Security Classification Specification.
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name		Attributes
<u>Des.</u>	<u>Element</u>			<u>M</u> <u>ID</u> <u>3/3</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	
		036	Expiration Date coverage expires <i>When SPI02 is code CT, use to indicate the expiration date of the award instrument.</i>	
		165	Final Issue <i>When SPI07 is code 20, use to indicate the date of the final Contract Security Classification Specification.</i>	
		171	Revision <i>When SPI07 is code 04, use to indicate the date of the revised Contract Security Classification Specification.</i>	
		334	Re-evaluation Date The date on which the student's placement in special education or other programs will be re-assessed <i>Use to indicate the biennial review date of the Contract Security Classification Specification.</i>	
		703	Original Transaction <i>When SPI07 is code 00, use to indicate the date of the original Contract Security Classification Specification.</i>	
	DTM02	373	Date Date (YYMMDD).	X DT 6/6
X	DTM03	337	Time 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)	X TM 4/8
X	DTM04	623	Time Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY).	O N0 2/2

X	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format. Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/3
X	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times.	X	AN	1/35

Segment: **MSG** Message Text
Position: 480
Loop: SPI
Level: Heading
Usage: Optional
Max Use: 50
Purpose: To provide a free form format that would allow the transmission of text information.
Notes: 1. Use to provide information applicable to the Contract Security Classification Specification, e.g., a general identification of the award, or security guidance in clear text.

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

Syntax Notes:**Semantic Notes:**

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>M</u>	<u>AN</u>	<u>1/264</u>
M	MSG01	933	Free-Form Message Text Free-form message text.	M	AN	1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2

- Segment:** N1 Name
- Position:** 490
- Loop:** N1
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To identify a party by type of organization, name and code
- Notes:**
1. 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.
 2. The addresses cited in this loop are applicable to the Contract Security Classification Specification.
 3. If the address is an FPO or APO, cite the appropriate code in N101, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.
- Syntax Notes:**
- 1 At least one of N102 or N103 is required.
 - 2 If either N103 or N104 is present, then the other is required.
- Semantic Notes:**
- Comments:**
- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 - 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
				M	ID	2/2
M	N101	98	Entity Identifier Code			
			Code identifying an organizational entity, a physical location, or an individual			
			28 Subcontractor			
			61 Performed At			
			The facility where work was performed			
			<i>Use to indicate the actual place of performance.</i>			
			B2 Other Unlisted Type of Organizational Entity			
			An organization, e.g., a business, the description of which cannot be accomplished using the existing code list and for which the trading partners have not mutually agreed to a definition for it			
			<i>Use to indicate an unlisted entity to whom distribution of the Contract Security Classification Specification is to be made.</i>			
			C4 Contract Administration Office			
			Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area			
			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			
			The address of the person responsible for the management of a designated project <i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>			
		KI	United States Overseas Security Administration Office			
		OI	Outside Inspection Agency			
			<i>Use to indicate another entity that has inspection responsibilities.</i>			
		PG	Prime Contractor			
		PV	Party performing certification			
N102	93	Name		X	AN	1/35
			Free-form name.			
N103	66	Identification Code Qualifier		X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67). <i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>			
		1	D-U-N-S Number, Dun & Bradstreet <i>Use of the DUNs number is preferred over other codes to identify an entity.</i>			
		10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a Department of Defense or Civilian Agency Activity Address Code.</i>			
		33	Commercial and Government Entity (CAGE)			
N104	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.			
X	N105	706	Entity Relationship Code	O	ID	2/2
			Code describing entity relationship. Refer to 003050 Data Element Dictionary for acceptable code values.			
X	N106	98	Entity Identifier Code	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **N2** Additional Name Information
Position: 500
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: N3 Address Information
Position: 510
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

Segment: N4 Geographic Location
Position: 520
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.
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 USA or Canada.

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
N401	19	City Name	O AN 2/30
		Free-form text for city name.	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency.	
N403	116	Postal Code	O ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	
N404	26	Country Code	O ID 2/3
		Code identifying the country.	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location. Refer to 003050 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location. <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	G6101	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named. CE Certifier PP Program Manager	M ID 2/2
M	G6102	93 Name Free-form name. <i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use G6105 to cite the party's title.</i>	M AN 1/35
	G6103	365 Communication Number Qualifier Code identifying the type of communication number. AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FX Facsimile IT International Telephone TE Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	X ID 2/2
	G6104	364 Communication Number Complete communications number including country or area code when applicable.	X AN 1/80
	G6105	443 Contact Inquiry Reference Additional reference number or description to clarify a contact number. <i>Use to provide the title or the office symbol of the party cited in G6102.</i>	O AN 1/20

Segment: **MSG** Message Text
Position: 550
Loop: N1
Level: Heading
Usage: Optional
Max Use: 50
Purpose: To provide a free form format that would allow the transmission of text information.
Notes: 1. Use this segment to provide plain text information applicable to the entity cited in 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.

Syntax Notes:**Semantic Notes:**

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **CB1** Contract and Cost Accounting Standards Data
Position: 560
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify contract and cost accounting standards data
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.

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

- 38 Access to For Official Use Only Information Required
- 39 Access to For Official Use Only Information Not Required
- 40 Access to Other Type of Information Required
- 41 Access to Other Type of Information Not Required
- 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 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 Performance of the Contract

- 65 Contractor Will Not Have some other Authorization in the Performance of the Contract
- 66 Facility Clearance Required
- 67 Facility Clearance Not Required
- 68 Follow-on Contract
- 69 Not a Follow-on Contract
- 70 Final Contract Security Classification Specification
- 71 Not a Final Contract Security Classification Specification
- 72 Direct Public Release Authorized
- 73 Direct Public Release Not Authorized
- 74 Additional Materials being Forwarded
- 75 No Additional Materials being Forwarded
- 76 Additional Requirements Established
- 77 Additional Requirements Not Established
- 78 Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
- 79 No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security Office
- 80 Contractor Distribution Required
- 81 Contractor Distribution Not Required
- 82 Subcontractor Distribution Required
- 83 Subcontractor Distribution Not Required
- 84 Cognizant Security Office for Prime and Subcontractor Distribution Required
- 85 Cognizant Security Office for Prime and Subcontractor Distribution Not Required
- 86 United States Activity Responsible for Overseas Security Administration Distribution Required
- 87 United States Activity Responsible for Overseas Security Administration Distribution Not Required
- 88 Administrative Contracting Office Distribution Required
- 89 Administrative Contracting Office Distribution Not Required
- 90 Other Distribution Required
- 91 Other Distribution Not Required

X CB102 1310 **Financing Type Code** **O ID 1/1**
 Code identifying the type of contract financing required by the submitter of a pricing proposal
 Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **REF** Reference Numbers
Position: 570
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 20
Purpose: To specify identifying numbers.
Notes: Use this 1/REF/570 segment to provide reference numbers associated with access information contained in the Contract Security Classification Specification (DD Form 254).
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	REF01	128 Reference Number Qualifier Code qualifying the Reference Number.	
		43 Supporting Document Number Supports or clarifies information and values represented in a document <i>Use to indicate a reference (paragraph number or section) that contains additional information applicable to the DD Form 254. Cite the reference in REF02 and identify the document in REF03.</i>	
		KL Contract Reference <i>Use to indicate a clause in the award instrument that contains additional security requirements or unique inspection requirements.</i>	
		KU Office Symbol A number assigned for reference to a specific office within an organization <i>When CB101 is code 90, use to indicate the office symbol to which additional distribution of the Contract Security Classification Specification (DD Form 254) is required.</i>	
		P1 Previous Contract Number <i>When CB101 is code 68, use to indicate the preceding procurement instrument number under which classified data was received or generated.</i>	
	REF02	127 Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	REF03	352 Description A free-form description to clarify the related data elements and their content. 1. <i>When REF01 is code 43, use to identify the document that contains the paragraph number or section where the applicable information is located.</i> 2. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80

Segment: **DTM** Date/Time Reference

Position: 580

Loop: CB1

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify pertinent dates and times

Notes:

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

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

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time. 992 Date Requested <i>When CB101 is code 70, use to indicate the date of a contractor's request to retain classified information.</i>	M ID 3/3
	DTM02	373	Date Date (YYMMDD).	X DT 6/6
X	DTM03	337	Time 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)	X TM 4/8
X	DTM04	623	Time Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY).	O NO 2/2
X	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
X	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times.	X AN 1/35

Segment: **LDT** Lead Time
Position: 590
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services.
Notes:
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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LDT01	345	Lead Time Code Code indicating the time range. BA From Date of Award to Expiration Date of Authorization <i>Use to indicate the authorized period for a contractor to retain classified materials.</i>	M ID 2/2
M	LDT02	380	Quantity Numeric value of quantity.	M R 1/15
M	LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval CY Calendar Year DA Calendar Days MO Month WK Weeks	M ID 2/2
X	LDT04	373	Date Date (YYMMDD).	O DT 6/6

Segment: **MSG** Message Text
Position: 600
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 50
Purpose: To provide a free form format that would allow the transmission of text information.
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.

Syntax Notes:**Semantic Notes:**

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2 .

Segment: **PO1** Baseline Item Data
Position: 010
Loop: PO1
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
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.

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.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO101	350	Assigned Identification	O AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set.	
		1. Use to identify the Contract Line Item Number (CLIN), the Sub Contract Line Item Number (SUBCLIN), or the Exhibit Line Item Number (ELIN), if one is assigned. For Army PADDs users only, use also to identify SUBCLIN with concatenated Relationship Code, for example, 0001AC003; and SUBCLIN with concatenated Relationship Code and Delivery Relationship Code (last two characters), for example, 0001AC00302.	
		2. If Table 2 data is not required, Cite the word "NONE."	
PO102	330	Quantity Ordered	X R 1/9
		Quantity ordered.	
		1. Use to specify the quantity applicable to the line item. Step ladder quantities applicable to requirements or indefinite quantity award instruments and the related prices are carried in the 2/CTP/040 segment.	

		<i>the SUBCLIN level.</i>			
PO103	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			
		1. Use any code.			
		2. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.			
		3. An application program conversion table may be required to convert agency codes to ASC X12 codes.			
		<i>SX Shipment</i>			
		Use when PO101 is a CLIN for transportation charges.			
		<i>ZZ Mutually Defined</i>			
		Use to indicate a Job or a Task.			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO104	212	Unit Price	X	R	1/17
		Price per unit of product, service, commodity, etc.			
		When PO105 is either code NC, NS, or TB, enter the number 0.			
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 GFE, GFM, or GFP.
		KA Price with Government Furnished Property			
					Use to indicate the price of the items includes the use of GFP, GFE, or GFM 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 can be used, but the listed codes are preferred.			
		<i>A8 Exhibit Line Item Number</i>			
		<i>AK Refined Product Code</i>			
		<i>CG Commodity Grouping</i>			
		Use to indicate a commodity code.			
		<i>CH Country of Origin Code</i>			
		<i>CL Color</i>			
		<i>CN Commodity Name</i>			

EF Exhibit Identifier

Use to indicate the letter assigned to an exhibit.

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**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)**PD Part Number Description*

Use to indicate a clear text description of an item that cannot be identified by a number, e.g., transportation.

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.

UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)

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 003050 Data Element Dictionary for acceptable code values.

PO107	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service.			
PO108	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO109	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service.			
PO110	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO111	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service.			
PO112	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO113	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service.			
PO114	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO115	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service.			
PO116	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO117	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service.			
PO118	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO119	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service.			
PO120	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in			

		Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.			
PO121	234	Product/Service ID Identifying number for a product or service.	X	AN	1/40
PO122	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
PO123	234	Product/Service ID Identifying number for a product or service.	X	AN	1/40
PO124	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
PO125	234	Product/Service ID Identifying number for a product or service.	X	AN	1/40

Segment: **CN1** Contract Information
Position: 025
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic data about the contract or contract line item
Notes: Use this 2/CN1/025 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.

Syntax Notes:

Semantic Notes:

- 1 CN102 is contract amount.
- 2 CN103 is the allowance or charge percent.
- 3 CN104 is the contract code.
- 4 CN106 is an additional identifying number for the contract.

Comments:**Data Element Summary**

Ref.	Data Des.	Element	Name	Attributes	
				M	ID 2/2
M	CN101	1166	Contract Type Code Code identifying a contract type		
			CA	Cost Plus Incentive Fee (With Performance Incentives)	
			CB	Cost Plus Incentive Fee (Without Performance Incentives)	
			CH	Cost Sharing	
			CS	Cost	
			CW	Cost Plus Award Fee	
			CX	Cost Plus Fixed Fee	
			FB	Fixed Price Incentive Firm Target (With Performance Incentive)	
			FC	Fixed Price Incentive Firm Target (Without Performance Incentive)	
			FD	Fixed Price Redetermination <i>Use to indicate a prospective fixed price redetermination award line item.</i>	
			FF	Fixed Price Incentive Successive Target (With Performance Incentive)	
			FG	Fixed Price Incentive Successive Target (Without Performance Incentive)	
			FH	Fixed Price Award Fee	
			FJ	Fixed Price Level of Effort	
			FK	No Cost	
			FR	Firm Fixed Price	
			FX	Fixed Price with Economic Price Adjustment	
			LH	Labor Hours	
			TM	Time and Materials	
			ZZ	Mutually Defined	

Use to indicate a retroactive fixed price redetermination award line item.

X	CN102	782	Monetary Amount Monetary amount.	O R	1/15
X	CN103	332	Percent Percent expressed as a percent	O R	1/6
X	CN104	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	O AN	1/30
X	CN105	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date.	O R	1/6
X	CN106	799	Version Identifier Revision level of a particular format, program, technique or algorithm.	O AN	1/30

Segment: **PO3** Additional Item Detail
Position: 030
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item related data involving variations in normal price/quantity structure.
Notes: Use this 2/PO3/030 segment to provide additional information applicable to the CLIN, SUBCLIN, or ELIN specified in PO101.
Syntax Notes: 1 If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
 2 PO307 defines the unit of measure for PO306.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PO301	371	Change Reason Code Code specifying the reason for price or quantity change.	M ID 2/2
		AQ	Alternate Quantity and Unit of Measure <i>Use to indicate that the CLIN, SUBCLIN, or ELIN has alternate quantity and unit of measure (e.g., PO102/03 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).</i>	
		EV	Estimated Quantity <i>Use to indicate the quantity for the CLIN, SUBCLIN, or ELIN cited in PO101 is an estimate.</i>	
X	PO302	373	Date Date (YYMMDD).	O DT 6/6
X	PO303	236	Price Identifier Code Code identifying pricing specification. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
X	PO304	212	Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
X	PO305	639	Basis of Unit Price Code Code identifying the type of unit price for an item. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
M	PO306	380	Quantity Numeric value of quantity. <i>Due to the mandatory nature of this data element, when PO301 is code EV, repeat the quantity cited in PO102.</i>	M R 1/15
M	PO307	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 1. Use any code. 2. Due to the mandatory nature of this data element, when PO301 is code EV, repeat the unit of measure cited in PO103.	M ID 2/2

3. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO308	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content.	

Segment: CTP Pricing Information
Position: 040
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pricing information
Notes: 1. Use this segment to specify various prices for the CLIN, SUBCLIN, or ELIN cited in PO101 for a basic award instrument, e.g., requirements, indefinite quantity, etc. These include prices for a step ladder quantities; for different packaging requirements, i.e., level A, B, or C Preservation or Packing; 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

- Syntax Notes:**
- 1 If either CTP04 or CTP05 is present, then the other is required.
 - 2 If CTP06 is present, then CTP07 is required.
 - 3 If CTP09 is present, then CTP02 is required.
 - 4 If CTP10 is present, then CTP02 is required.
- Semantic Notes:**
- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
 - 2 CTP08 is the rebate amount.
- Comments:**
- 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>O</u> <u>ID</u>
X	CTP01	687	Class of Trade Code Code indicating class of trade. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	CTP02	236	Price Identifier Code Code identifying pricing specification. <i>Use to identify the different prices for a line item.</i>	X ID 3/3
		ALT	Alternate Price <i>Use to indicate a lease-to-purchase price. A request has been submitted to ASC X12 to add a code for Lease-to Purchase Price. If approved, we expect the code will be available in ASC X12 Version/Release 3060.</i>	
		ICL	Unit Price Through Quantity <i>When specifying prices for different quantities, use to indicate the end of a quantity range.</i>	
		MAX	Maximum Order Quantity Price	

									<i>When specifying prices for different quantities, use to indicate the quantity above which the price will not change.</i>
		PAP			Protection Level Price				
					<i>Use to indicate the price for the packaging protection level (preservation) cited in CTP10.</i>				
		PBQ			Unit Price Beginning Quantity				
					<i>When specifying prices for different quantities, use to indicate the beginning of a quantity range.</i>				
		PPA			Packing Level Price				
					<i>Use to indicate the price for the packing level cited in CTP10.</i>				
		ZNP			Zone Price				
					<i>Use to indicate the price for delivery to a zone cited in CTP10.</i>				
	CTP03	212	Unit Price			O	R		1/17
			Price per unit of product, service, commodity, etc.						
	CTP04	380	Quantity			X	R		1/15
			Numeric value of quantity.						
	CTP05	355	Unit or Basis for Measurement Code			X	ID		2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
			1. Use any code.						
			2. A conversion table may be required to convert agency codes to ASC X12 codes.						
			Refer to 003050 Data Element Dictionary for acceptable code values.						
X	CTP06	648	Price Multiplier Qualifier			O	ID		3/3
			Code indicating the type of price multiplier.						
			Refer to 003050 Data Element Dictionary for acceptable code values.						
X	CTP07	649	Multiplier			X	R		1/10
			Value to be used as a multiplier to obtain a new value						
X	CTP08	782	Monetary Amount			O	R		1/15
			Monetary amount.						
X	CTP09	639	Basis of Unit Price Code			O	ID		2/2
			Code identifying the type of unit price for an item.						
			Refer to 003050 Data Element Dictionary for acceptable code values.						
	CTP10	499	Condition Value			O	AN		1/10
			Identifies rate restrictions or provisions						
			<i>When CTP02 is code PAP, PPA, or ZNP, identify the applicable protection level, packing level or zone to which the price in CTP03 applies.</i>						

Segment: **MEA** Measurements

Position: 049

Loop: PO1

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.)

Notes:

1. Use this 2/MEA/049 segment to provide 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; and for a requirements or an indefinite quantity type award instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and contractor, and warranty periods.

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:

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

Comments:

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

Data Element Summary

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

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

BT Batch Limits

When BEG02 is code 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 requirements or an indefinite quantity 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.

CT Counts

Use to indicate variations in quantity permitted when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects

Use to indicate a warranty period.

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 requirements or an indefinite quantity 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 requirements or an indefinite quantity 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 requirements or an indefinite quantity 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.*

Refer to 003050 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.*

PO Percent of Order (-, +)

Use to indicate the *variation in quantity when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.*

RY Ratio

When CN101 is code CA, CB, CH, 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.*

Refer to 003050 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 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 requirements or an indefinite quantity type procurement instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA, and MEA04-C00104 would cite code Q1.

M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 1. Use any code 2. An application program conversion table may be required to convert agency codes to ASC X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.	M	ID	2/2
X	C00102	1018	Exponent Power to which a unit is raised.	O	R	1/15
X	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 1. Use any code 2. An application program conversion table may be required to convert agency codes to ASC X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00105	1018	Exponent Power to which a unit is raised.	O	R	1/15
X	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00108	1018	Exponent Power to which a unit is raised.	O	R	1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00111	1018	Exponent Power to which a unit is raised.	O	R	1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in	O	ID	2/2

			which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.			
X	C00114	1018	Exponent Power to which a unit is raised.	O	R	1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range. <i>1. When MEA01 is code CT, or MEA02 is code PO, use to specify the variation in quantity under.</i> <i>2. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i> <i>3. When MEA02 is RY, use to specify the Government share.</i> <i>4. 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).</i>	X	R	1/20
	MEA06	741	Range Maximum The value specifying the maximum of the measurement range. <i>1. When MEA01 is code CT, or MEA02 is code PO, use to specify the variation in quantity over.</i> <i>2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.</i> <i>3. When MEA02 is RY, use to specify the contractor share.</i> <i>4. 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).</i>	X	R	1/20
X	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined. Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
X	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	MEA10	1373	Measurement Method or Device The method or device used to record the measurement Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/4

Segment: **PID** Product/Item Description
Position: 050
Loop: PID
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Notes: Use this 2/PID/050 segment to provide information applicable to a specific line item.
 Use the 1/PID/190 segment when the information applies to all of the line items.

Syntax Notes:

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

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. A "N" indicates it does not apply. Any other value is indeterminate.

Comments:

- 1 If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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 characteristic		
			Use any code.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values.		
			Use any code.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	PID04	751	Product Description Code	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic.		
	PID05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content.		
			Use of free form text is discouraged if the information can be provided by some other means within the transaction set.		
X	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is being described.		

Refer to 003050 Data Element Dictionary for acceptable code values.

X	PID07	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier.	
X	PID08	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response.	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **PWK** Paperwork

Position: 070

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 25

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

Notes: 1. Use this 2/PWK/070 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.

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

Semantic Notes:

- Comments:**
- 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 - 2 PWK07 may be used to indicate special information to be shown on the specified report.
 - 3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

Ref.	Data Element	Name	Attributes	
			M	ID
M	PWK01	755 Report Type Code		2/2
		Code indicating the title or contents of a document, report or supporting item <i>Use to identify the type of paperwork that is being provided to or must be provided by the contractor.</i>		
		25 Purchase Plan <i>Use to indicate a make or buy plan.</i>		
		35 Subcontractor Plan		
		AE Attachment <i>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.</i>		
		C1 Cost Data Summary <i>Use to indicate non-certified cost and price data.</i>		
		C5 Certified Cost and Price Data		
		C6 Wage Determination <i>When used, identify the Wage Determination number in the 2/REF/100 segment using code 2Y in REF01.</i>		
		CP Certificate of Compliance (Material Certification) <i>Use to indicate a Certificate of Conformance.</i>		
		CX Cost/Schedule Status Report (C/SSR) Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure		

CY	Contract Funds Status Report (CFSR) Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs
DW	Drawing(s)
F1	Cost Performance Report (CPR) Format 1 Detailed contract status report including current reporting month values at specified levels of the work breakdown structure
F2	Cost Performance Report (CPR) Format 2 Detailed contract status report at specified levels of the organization breakdown structure
F3	Cost Performance Report (CPR) Format 3 Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values
F4	Cost Performance Report (CPR) Format 4 Contract resource summary report that forecasts labor requirements for the remainder of a contract
F5	Cost Performance Report (CPR) Format 5 Contract summary or detail report explaining significant cost or schedule variances
IT	Certified Inspection and Test Results
KA	Contract Data Requirements List (CDRL) <i>Use to indicate that an attachment applicable to a Contract Data Requirements List (CDRL) will be provided.</i>
MR	Material Inspection and Receiving Report
MS	Material Safety Data Sheet
PD	Proof of Delivery
PJ	Purchasing Specification Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments <i>Use to indicate a Statement of Work (SOW).</i>
PM	Proof of Insurance
S9	Representation A statement (report) by a prospective contractor that makes a representation about a specific condition <i>Use to indicate a payment and performance bond.</i>
SN	Shipping Notice
SP	Specification
TO	Demand Report <i>Use to indicate a Contract Data Requirement List (CDRL) deliverable.</i>
US	"BUY AMERICA" Certification of Compliance

PWK02

756

Report Transmission Code

O ID 1/2

Code defining timing, transmission method or format by which reports are to be

sent

While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.

- BE By Mail and Electronically
Use to indicate E-Mail.
- BM By Mail
- CF Courier
- EL Electronically Only
Use to indicate Electronic Data Interchange (EDI).
- FX By Fax
- WS With Shipment (With Package)

PWK03 757 Report Copies Needed NO 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.

PWK04 98 Entity Identifier Code ID 2/2

Code identifying an organizational entity, a physical location, or an individual
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
- BY Buying Party (Purchaser)
Use to indicate the contracting officer.
- C4 Contract Administration Office
Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area
- IS Party to Receive Certified Inspection Report
Use when PWK01 is code IT or MR.
- KF Audit Office
The office performing the audit
- KG Project Manager
The address of the person responsible for the management of a designated project
Use to indicate the party responsible for a project to include the advisor under a Grant.
- KY Technical Office
- PA Party to Receive Inspection Report
- PC Party to Receive Cert. of Conformance (C.A.A.)
- SM Party to Receive Shipping Manifest
- ZD Party to Receive Reports
The organization designated to receive reports

X	PWK05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67). Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	1/2
X	PWK06	67	Identification Code Code identifying a party or other code.	X	AN	2/20
	PWK07	352	Description A free-form description to clarify the related data elements and their content. <i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i> <i>3. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.</i>	O	AN	1/80
	PWK08	C002	Actions Indicated Actions to be performed on the piece of paperwork identified	O		
M	C00201	704	Paperwork/Report Action Code 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 <i>When PWK01 is code 25, 35, C1, C5, CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, MS, PD, PM, PP, S9, SN, or US, indicate the specified paperwork is required to be provided by the contractor.</i> PV Provided <i>When PWK01 is code AE, C6, DW, KA, PJ, or SP, use to indicate the specified paperwork will be provided by the buyer.</i>	M	ID	1/2
X	C00202	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2
X	C00203	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2
X	C00204	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2
X	C00205	704	Paperwork/Report Action Code 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. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2

Segment: **PO4** Item Physical Details
Position: 090
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the physical qualities, packaging, weights and dimensions relating to the item.

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, PO403, and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50, PO403 would cite code PR and PO404 would cite code UNT. 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.

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

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

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
PO401	356	Pack	O N0 1/6
		Number of inner pack units per outer pack unit.	
		1. Use to identify the unit pack quantity.	
		2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).	
		3. Cite the number 888888 to indicate "Packager's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).	
		4. Cite the number 999999 to indicate "Special requirements - refer to	

		<i>supplemental data, special instructions or drawings provided" (MIL-STD 2073-2C code ZZZ).</i>			
PO402	357	Size	X R	1/8	
		Size of supplier units in pack. <i>Use only to identify the size of the individual items within a unit container.</i>			
PO403	355	Unit or Basis for Measurement Code	X ID	2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.			
PO404	103	Packaging Code	O AN	3/5	
		Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material. INT Intermediate Container PAF Pallet - 4 Way A pallet that permits entry of handling equipment on each of its four sides PAT Pallet - 2 Way A pallet that permits entry of handling equipment on opposing two of its four sides SRW Shrink Wrap In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents UNT Unit <i>Use to indicate a unit container.</i>			
PO405	187	Weight Qualifier	O ID	1/2	
		Code defining the type of weight. <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.			
PO406	384	Gross Weight per Pack	X R	1/9	
		Numeric value of gross weight per pack. <i>Use to specify the weight of a container. The weight shall be provided to 1 decimal point.</i>			
PO407	355	Unit or Basis for Measurement Code	X ID	2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.			
PO408	385	Gross Volume per Pack	X R	1/9	
		Numeric value of gross volume per pack. <i>Use to specify the cube of a container. The cube shall be provided to 3 decimal places.</i>			

PO409	355	Unit or Basis for Measurement Code	X	ID	2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		<i>1. Use any code.</i>			
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO410	82	Length	O	R	1/8
		Largest horizontal dimension of an object measured when the object is in the upright position.			
PO411	189	Width	O	R	1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position.			
PO412	65	Height	O	R	1/8
		Vertical dimension of an object measured when the object is in the upright position.			
		<i>Use to specify the depth of the container.</i>			
PO413	355	Unit or Basis for Measurement Code	X	ID	2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		<i>1. Use any code.</i>			
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO414	810	Inner Pack	O	N0	1/6
		Number of units in each selling pack			
		<i>1. Use to specify the quantity of unit containers in an intermediate container.</i>			
		<i>2. Cite the number 666666 to indicate "See Appendix B, MIL-STD 2073-1B" (MIL-STD 2073-2C code AAA).</i>			
		<i>3. Cite the number 777777 to indicate "See method of preservation" (MIL-STD 2073-2C code XXX).</i>			
		<i>4. Cite the number 888888 to indicate "Packer's option as long as all other requirements are met" (MIL-STD 2073-2c code YYY).</i>			
		<i>5. Cite the number 999999 to indicate "Special requirements - see specific drawing or instruction provided" (MIL-STD 2073-2C code ZZZ).</i>			

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes: Use this 2/REF/100 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.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

M	Ref. Des.	Data Element	Name	Attributes		
				M	ID	2/2
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.			
			16 Military Interdepartmental Purchase Request (MIPR) Number A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement			
			2E Foreign Military Sales Case Number A reference number designating the foreign military sale records <i>Use to indicate a Foreign Military Sale.</i>			
			2Y Wage Determination <i>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.</i>			
			5N Citation of Statute <i>Use to indicate the authorization under which this instrument is awarded.</i>			
			73 Statement of Work (SOW) Description of a product or service to be procured under a contract; statement of requirements <i>Use to indicate the Statement of Work number or number within the Statement of Work where additional information can be found. If a Statement of Work is part of the award, the PWK segment can be used to indicate how the SOW is being provided.</i>			
			82 Data Item Description (DID) Reference Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents			
			83 Extended (or Exhibit) Line Item Number (ELIN)			

	Identifies specific line items to be delivered for a contract
97	Package Number A serial number indicating unit shipped
9G	Department of Defense Form 250 Requirement Code <i>Use to indicate the inspection and acceptance requirements for a data item specified on a Contract Data Requirements List.</i>
AH	Agreement Number <i>Use to indicate a Union Agreement number.</i>
BL	Government Bill of Lading
DG	Drawing Number
EV	Receiver Identification Number A unique number identifying the organization/site location designated to receive the current transmitted transaction set <i>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., NSPCC, Navy Ship's Parts Control Center.</i>
IL	Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>
IQ	End Item <i>Use to indicate an end item to which a line item pertains.</i>
IX	Item Number <i>Use to indicate a Federal supply schedule (FSS) special item number.</i>
K0	Approval Code <i>Use to indicate the approval code on a Contract Data Requirements List.</i>
K6	Purchase Description
KL	Contract Reference <i>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).</i>
KS	Solicitation A discreet number assigned by the purchasing activity to differentiate between different solicitations <i>Use to indicate the solicitation number that resulted in this award instrument. If applicable, concatenate the LAST amendment number with the solicitation number.</i>
KV	Distribution Statement Code <i>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.</i>
LT	Lot Number
NI	Military Standard (MIL-STD) Number

NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code <i>Use to indicate the project number applicable to the line item.</i>
PH	Priority Rating <i>Use to indicate the MILSTRIP/FEDSTRIP priority rating.</i>
PR	Price Quote Number <i>Use to indicate the contractor's bid, quote or proposal number.</i>
QC	Product Specification Document Number Model designation of replacement component
RQ	Purchase Requisition No. <i>Use to indicate the Purchase Request (PR) number or the 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.</i>
RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number <i>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.</i>
T4	Signal Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
TG	Transportation Control Number (TCN)
TN	Transaction Reference Number <i>Use to indicate the unique reference number for 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.</i>
TP	Test Specification Number
VQ	Related Contract Line Item Number <i>Use to indicate a line item in the procurement instrument to which another line item pertains.</i>
VW	Standard <i>Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.</i>
W2	Weapon System Number Identifies a weapon system <i>Use to indicate the Weapon System Code.</i>
W8	Suffix Differentiates between partial actions taken on the original transaction

				<i>one occurrence of the REF segment with code IL in REF01.</i>
		WF		Locally Assigned Control Number
		XC		Cargo Control Number
				<i>Use to indicate the tracking number for bulk fuel being sent by a tanker vessel.</i>
		XE		Transportation Priority Number
				Number indicating the level of government priority associated with the transportation of a shipment
		ZZ		Mutually Defined
				<i>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</i>
REF02	127	Reference Number	X AN 1/30	
				Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
				<i>If the document has a revision or an extension, the document number and the revision or extension number should be concatenated and cited in this data element.</i>
REF03	352	Description	X AN 1/80	
				A free-form description to clarify the related data elements and their content.
				<i>1. Use to carry additional information related to a reference number cited in REF02.</i>
				<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>

Segment: **PER** Administrative Communications Contact
Position: 110
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Notes: Use this 2/PER/110 segment to provide names and communication numbers for points of contact applicable to a line item and which are not associated with an address.
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	PER01	366	Contact Function Code	
			Code identifying the major duty or responsibility of the person or group named.	
		AU	Report Authorizer	
			<i>Use to indicate the approver of a Contract Data Requirements List.</i>	
		AV	Advisor	
			<i>Use to indicate the government party who will work with the contractor on a basic R&D efforts in a particular science area.</i>	
		BD	Buyer Name or Department	
			<i>Includes Grants Management Specialists.</i>	
		CD	Contract Contact	
			<i>Use to indicate a Contracting Officer's Representative.</i>	
		NT	Notification Contact	
			<i>Use to indicate the party to be contacted for shipping instructions. Use when LDT01 in the 2/LDT/321 segment is code AI and the 2/MSG/323 segment specifies a requirement to obtain shipping instructions.</i>	
		PI	Preparer	
			A firm, organization, or individual who determines the tax liability from information supplied by the taxpayer	
			<i>Use to indicate the preparer of a Contract Data Requirements List.</i>	
		RE	Receiving Contact	
			<i>Use to indicate the party to be contacted to schedule a shipment. Use when LDT01 is code AI in the 2/LDT/321 segment and the 2/MSG/323 segment specifies a requirement to schedule a shipment.</i>	
	PER02	93	Name	O AN 1/35
			Free-form name.	
			<i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09</i>	

		<i>to provide the party's title.</i>		
PER03	365	Communication Number Qualifier	X ID 2/2	
		Code identifying the type of communication number.		
		AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM Electronic Mail		
		FX Facsimile		
		IT International Telephone <i>Include the country code.</i>		
		TE Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>		
PER04	364	Communication Number	X AN 1/80	
		Complete communications number including country or area code when applicable.		
PER05	365	Communication Number Qualifier	X ID 2/2	
		Code identifying the type of communication number. <i>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.</i>		
		AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM Electronic Mail		
		EX Telephone Extension <i>Use only if PER03 is used citing either code AU or TE.</i>		
		FX Facsimile		
		IT International Telephone <i>Include the country code.</i>		
		TE Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>		
PER06	364	Communication Number	X AN 1/80	
		Complete communications number including country or area code when applicable.		
PER07	365	Communication Number Qualifier	X ID 2/2	
		Code identifying the type of communication number. <i>Use to identify a third communications number for the party cited in PER02.</i>		
		AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM Electronic Mail		
		EX Telephone Extension <i>Use only if PER05 is used citing either code AU or TE.</i>		
		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.*

PER08 **364** **Communication Number** **X AN 1/80**
Complete communications number including country or area code when
applicable.

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 of the party cited in PER02.

- Segment:** **SAC** Service, Promotion, Allowance, or Charge Information
- Position:** 130
- Loop:** SAC
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
- Notes:** Use this 2/SAC/130 segment to identify services, allowances, or non-CLIN charges and, if applicable, quantities, that apply to specific line items. If the services, allowances, or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.
- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
- Semantic Notes:**
- 1 If SAC01 is A or C, then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 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.
- 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 a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier DO - Dollars in SAC09.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
				M	ID	1/1
M	SAC01	248	Allowance or Charge Indicator			
			Code which indicates an allowance or charge for the service specified.			
			A Allowance			
			C Charge			
			N No Allowance or Charge			
			<i>Use to indicate there is no charge for the specified service.</i>			
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4
			Code identifying the service, promotion, allowance, or charge			
			<i>Any code may be used, but it should be the same code as provided in the quote</i>			

or offer. The following is a list of preferred codes.

B180 Cleaning Charge
 B610 Container Service Charge USA/Canada
 Use to indicate a reusable container.

B870 Custom Charge
 C240 Disconnect Charge
 C330 Distribution Fee
 C370 Diversion Charge
 C880 Expediting Premium
 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 less than carload charge or truckload delivery.

E400 Loading (Labor Charges)
 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.

G030 Reconnect Charge
 G350 Rents and Leases
 G470 Restocking Charge
 G530 Rework
 G580 Royalties
 G660 Scrap Allowance
 G740 Service Charge
 G760 Set-up
 H170 Special Tooling Charge
 H430 Storage
 H540 Supplemental Items
 Use to indicate the amount for Contractor Acquired Parts (CAP).

H550 Surcharge
 H990 Testing Services Charge
 I260 Transportation Direct Billing
 I380 Unloading (Labor Charges)
 I590 Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

X	SAC03	559	Agency Qualifier Code	X	ID	2/2
			Code identifying the agency assigning the code values.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10
			Agency maintained code identifying the service, promotion, allowance, or charge			
	SAC05	610	Amount	O	N2	1/15

			Monetary amount.			
	SAC06	378	Allowance/ Charge Percent Qualifier	X	ID	1/1
			Code indicating on what basis allowance or charge percent is calculated. <i>Use any code.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	SAC07	332	Percent	X	R	1/6
			Percent expressed as a percent <i>Cite 4.72% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>			
	SAC08	118	Rate	O	R	1/9
			Rate expressed in the standard monetary denomination for the currency specified			
	SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>A conversion table may be required to convert agency codes to ASC X12 codes.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	SAC10	380	Quantity	X	R	1/15
			Numeric value of quantity. <i>Use to indicate the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>			
	SAC11	380	Quantity	O	R	1/15
			Numeric value of quantity. <i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>			
X	SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2
			Code indicating method of handling for an allowance or charge. Refer to 003050 Data Element Dictionary for acceptable code values.			
	SAC13	127	Reference Number	X	AN	1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Use to identify the ACRN, project code, funding code, or accounting code to which a charge or allowance is applicable. These reference numbers and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.</i>			
X	SAC14	770	Option Number	O	AN	1/20
			A unique number identifying available promotion or allowance options when more than one is offered.			
X	SAC15	352	Description	O	AN	1/80
			A free-form description to clarify the related data elements and their content.			

- Segment:** **IT8** Conditions of Sale
- Position:** 140
- Loop:** PO1
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify general conditions or requirements and to detail conditions for substitution of alternate products
- Notes:** Use this 2/IT8/140 segment to specify special services or conditions that vary by line item. Use the I/CSH/110 segment when the special services or conditions apply to all of the line items.
- Syntax Notes:**
- 1 At least one of IT801 IT802 IT803 IT805 or IT807 is required.
 - 2 If either IT808 or IT809 is present, then the other is required.
 - 3 If either IT810 or IT811 is present, then the other is required.
 - 4 If either IT812 or IT813 is present, then the other is required.
 - 5 If either IT814 or IT815 is present, then the other is required.
 - 6 If either IT816 or IT817 is present, then the other is required.
 - 7 If either IT818 or IT819 is present, then the other is required.
 - 8 If either IT820 or IT821 is present, then the other is required.
 - 9 If either IT822 or IT823 is present, then the other is required.
 - 10 If either IT824 or IT825 is present, then the other is required.
 - 11 If either IT826 or IT827 is present, then the other is required.
- Semantic Notes:**
- 1 IT803 is the maximum monetary amount value which the order must not exceed.
 - 2 IT804 is the account number to which the purchase amount is to be charged.
 - 3 IT805 is the date specified by the sender to be shown on the invoice.
- Comments:**
- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
 - 2 IT808 through IT827 provides for ten (10) different product/service ID's for each item. Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
IT801	563	Sales Requirement Code Code to identify a specific requirement or agreement of sale	X ID 1/2
		P2 Ship As Soon As Possible	
		P4 Do Not Preship	
		SC Ship Complete <i>Use to indicate partial shipments will not be accepted.</i>	
		SV Ship Per Release <i>Use to indicate that the ordered item(s) are to be shipped in place.</i>	
IT802	564	Do-Not-Exceed Action Code Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565). <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
IT803	610	Amount Monetary amount. <i>Use to identify a maximum price that if the contractor would exceed, the order</i>	X N2 1/15

need not be filled.

X	IT804	508	Account Number Account number assigned.	O AN	1/35
X	IT805	373	Date Date (YYMMDD).	X DT	6/6
X	IT806	559	Agency Qualifier Code Code identifying the agency assigning the code values. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	IT807	566	Product/Service Substitution Code Code indicating product or service substitution conditions. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID	1/2
X	IT808	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X ID	2/2
X	IT809	234	Product/Service ID Identifying number for a product or service.	X AN	1/40
X	IT810	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X ID	2/2
X	IT811	234	Product/Service ID Identifying number for a product or service.	X AN	1/40
X	IT812	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X ID	2/2
X	IT813	234	Product/Service ID Identifying number for a product or service.	X AN	1/40
X	IT814	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X ID	2/2
X	IT815	234	Product/Service ID Identifying number for a product or service.	X AN	1/40
X	IT816	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X ID	2/2
X	IT817	234	Product/Service ID Identifying number for a product or service.	X AN	1/40
X	IT818	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X ID	2/2
X	IT819	234	Product/Service ID Identifying number for a product or service.	X AN	1/40
X	IT820	235	Product/Service ID Qualifier	X ID	2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.			
X	IT821	234	Product/Service ID Identifying number for a product or service.	X	AN	1/40
X	IT822	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
X	IT823	234	Product/Service ID Identifying number for a product or service.	X	AN	1/40
X	IT824	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
X	IT825	234	Product/Service ID Identifying number for a product or service.	X	AN	1/40
X	IT826	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
X	IT827	234	Product/Service ID Identifying number for a product or service.	X	AN	1/40

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

Position: 150

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify terms of sale.

Notes: Use this 2/ITD/150 segment when discounts vary by line item. Use the 1/ITD/130 segment when the discount applies to all of the line items.

Syntax Notes: 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.

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

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

Semantic Notes: 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments: 1 If the code in ITD01 is 04, then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is 05, then ITD06 or ITD07 is required.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
X	ITD01	336 Terms Type Code Code identifying type of payment terms. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	ITD02	333 Terms Basis Date Code Code identifying the beginning of the terms period. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
	ITD03	338 Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	O R 1/6
X	ITD04	370 Terms Discount Due Date Date payment is due if discount is to be earned.	X DT 6/6
	ITD05	351 Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned.	X N0 1/3
X	ITD06	446 Terms Net Due Date Date when total invoice amount becomes due.	O DT 6/6
X	ITD07	386 Terms Net Days Number of days until total invoice amount is due (discount not applicable).	O N0 1/3
X	ITD08	362 Terms Discount Amount Total amount of terms discount.	O N2 1/10
X	ITD09	388 Terms Deferred Due Date Date deferred payment or percent of invoice payable is due.	O DT 6/6
X	ITD10	389 Deferred Amount Due Deferred amount due for payment.	X N2 1/10
X	ITD11	342 Percent of Invoice Payable Amount of invoice payable expressed in percent.	X R 1/5
X	ITD12	352 Description A free-form description to clarify the related data elements and their content.	O AN 1/80

X	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced.	X	N0	1/2
X	ITD14	107	Payment Method Code Code identifying type of payment procedures. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/1
X	ITD15	954	Percent Percentage expressed as a decimal	O	R	1/10

Segment: **DIS** Discount Detail

Position: 160

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 20

Purpose: To specify the exact type and terms of various discount information.

Notes:

1. Use this 2/DIS/160 segment to identify volume discount information applicable to the line item that is based on the dollar value purchased.
2. Use the 2/N9/330 segment, with N901 citing code KD, and the 2/MSG/340, to specify other volume or promotional discounts that apply to a line item.

Syntax Notes:

Semantic Notes:

- 1 DIS05 is the minimum for application of the discount.
- 2 DIS06 is the maximum for application of the discount.

Comments:

Data Element Summary

Ref.	<u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DIS01	653	Discount Terms Type Code Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 3/3
M	DIS02	654	Discount Base Qualifier Code to define unit of discount, i.e., dollars, cases, alternate products, etc. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
M	DIS03	655	Discount Base Value A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount.	M R 1/10
M	DIS04	656	Discount Control Limit Qualifier Code to define the units of the limits for determining discount. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/3
M	DIS05	657	Discount Control Limit Amount or time associated with application of the discount.	M NO 1/10
	DIS06	657	Discount Control Limit Amount or time associated with application of the discount.	O NO 1/10

Segment: **FOB** F.O.B. Related Instructions
Position: 180
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment
Notes: 1. Use this 2/FOB/180 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.

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:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	FOB01	146 Shipment Method of Payment Code identifying payment terms for transportation charges.	
		BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE Prepaid and Summary Bill <i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP Prepaid (by Seller) <i>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.</i>	
		PS Paid by Seller The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate transportation charges are included in the unit price.</i>	
FOB02	309	Location Qualifier Code identifying type of location.	X ID 1/2

Use to identify the FOB point.

DE Destination (Shipping)
 FV Free Alongside Vessel (Free On Board [F.O.B.] Point)
 IT Intermediate FOB Point

A location indicating the point of destination is not the origin or final destination but rather at some other point

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC 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 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 KX in N101.

OR Origin (Shipping Point)

ZZ Mutually Defined

Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

X FOB03 352 Description O AN 1/80
 A free-form description to clarify the related data elements and their content.

X FOB04 334 Transportation Terms Qualifier Code O ID 2/2
 Code identifying the source of the transportation terms.

Refer to 003050 Data Element Dictionary for acceptable code values.

X FOB05 335 Transportation Terms Code X ID 3/3
 Code identifying the trade terms which apply to the shipment transportation responsibility.

Refer to 003050 Data Element Dictionary for acceptable code values.

FOB06 309 Location Qualifier X ID 1/2
 Code identifying type of location.

Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 2/N1/350 loop is Code L1.

DE Destination (Shipping)

OR Origin (Shipping Point)

ZZ Mutually Defined

Use to indicate the acceptance point is neither at origin nor at destination. Provide the acceptance point address in the N1 loop, citing code KZ in N101; provide the inspection point in another iteration of the N1 loop, citing code L1 in N101.

X FOB07 352 Description O AN 1/80
 A free-form description to clarify the related data elements and their content.

X	FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	FOB09	352	Description A free-form description to clarify the related data elements and their content.	X	AN	1/80

Segment: **SDQ** Destination Quantity
Position: 190
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 500
Purpose: To specify destination and quantity detail.
Notes: Use this segment when known quantities of the line item are to be delivered to multiple locations on the same date, and the locations can be identified by a DUNs number, a CAGE code, a Contractor Establishment Code, a DoDAAC, or a MAPAC.

- Syntax Notes:**
- 1 If either SDQ05 or SDQ06 is present, then the other is required.
 - 2 If either SDQ07 or SDQ08 is present, then the other is required.
 - 3 If either SDQ09 or SDQ10 is present, then the other is required.
 - 4 If either SDQ11 or SDQ12 is present, then the other is required.
 - 5 If either SDQ13 or SDQ14 is present, then the other is required.
 - 6 If either SDQ15 or SDQ16 is present, then the other is required.
 - 7 If either SDQ17 or SDQ18 is present, then the other is required.
 - 8 If either SDQ19 or SDQ20 is present, then the other is required.
 - 9 If either SDQ21 or SDQ22 is present, then the other is required.

Semantic Notes: 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

- Comments:**
- 1 SDQ02 is used only if different than previously defined in the transaction set.
 - 2 SDQ03 is the store number.
 - 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SDQ01	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use the same code as specified in PO103.	
		2. An application program conversion table may be required to convert codes to ASC X12 codes.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SDQ02	66 Identification Code Qualifier	O ID 1/2
		Code designating the system/method of code structure used for Identification Code (67).	
		While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.	
		1 D-U-N-S Number, Dun & Bradstreet	
		Use of the DUNs 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	Commercial and Government Entity (CAGE)			
			A2	Military Assistance Program Address Code (MAPAC)			
				Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity			
M	SDQ03	67	Identification Code		M	AN	2/20
			Code identifying a party or other code.				
M	SDQ04	380	Quantity		M	R	1/15
			Numeric value of quantity.				
	SDQ05	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ06	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ07	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ08	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ09	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ10	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ11	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ12	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ13	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ14	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ15	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ16	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ17	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ18	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ19	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ20	380	Quantity		X	R	1/15
			Numeric value of quantity.				
	SDQ21	67	Identification Code		X	AN	2/20
			Code identifying a party or other code.				
	SDQ22	380	Quantity		X	R	1/15
			Numeric value of quantity.				
X	SDQ23	310	Location Identifier		O	AN	1/30

Code which identifies a specific location.

Segment: **DTM** Date/Time Reference
Position: 210
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Notes: 1. Use this 2/DTM/210 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.

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
				M	ID	3/3
M	DTM01	374	Date/Time Qualifier			
			Code specifying type of date or time, or both date and time.			
			002 Delivery Requested			
			<i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>			
			017 Estimated Delivery			
			037 Ship Not Before			
			063 Do Not Deliver After			
			<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>			
			064 Do Not Deliver Before			
			<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>			
			065 1st Schedule Delivery			
			066 1st Schedule Ship			
			077 Requested for Delivery (Week of)			
			<i>When this code is used, cite the beginning day of the week.</i>			
			106 Required By			
			<i>Use to indicate delivery is due exactly on the date specified.</i>			
			174 Month Ending			
			<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>			
			193 Period Start			
			<i>Use to indicate the start of a period of performance.</i>			
			194 Period End			

Use to indicate the end of a period of performance.

227 Lease Term Start

228 Lease Term End

275 Approved
Date report was approved by contractor representative
Use to indicate the approval date of a Contract Data Requirements List.

368 Submittal
Date an item was submitted to a customer
When REF01 is code TN, use to indicate the date of a related transaction set.

375 Delivery Start
The date that deliveries will begin
Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified time period.

376 Delivery End
The date that deliveries will end
Use to indicate the end date/time for deliveries when the total quantity is to be delivered during a specified time period.

405 Production
Used to identify dates and times that operations or processes were performed
Use to indicate the preparation date of a Contract Data Requirements List.

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 Data Requirements List.

937 Department of Labor Wage Determination Date
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
The date on which a (price) quote was rendered
When REF01 is code PR, use to indicate the date of the quote or offer.

996 Required Delivery
A date on which or before, ordered goods or services must be delivered
Use to indicate delivery is due on or before the specified date.

DTM02 373 Date

X DT 6/6

		Date (YYMMDD).		
DTM03	337	Time	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>		
DTM04	623	Time Code	O	ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. <i>Use only when DTM03 is used to express a time.</i>		
		CT Central Time		
		ET Eastern Time		
		GM Greenwich Mean Time		
		LT Local Time		
		MT Mountain Time		
		PT Pacific Time		
DTM05	624	Century	O	N0 2/2
		The first two characters in the designation of the year (CCYY).		
DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
		Code indicating the date format, time format, or date and time format. <i>1. Use any code.</i> <i>2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.</i> Refer to 003050 Data Element Dictionary for acceptable code values.		
DTM07	1251	Date Time Period	X	AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times. <i>Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery time range for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.</i>		

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 250
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify the carrier, sequence of routing and to provide transit time information
Notes: Use this 2/TD5/250 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/430 segment if the transportation method for the line item applies to a named entity.

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.

Semantic Notes:

Comments:

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

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
X	TD501	133	Routing Sequence Code	O ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement. Refer to 003050 Data Element Dictionary for acceptable code values.	
	TD502	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67).	
		10	Department of Defense Activity Address Code (DODAAC)	
			<i>When TD504 is code PL, use to indicate the number in TD503 is the DoDAAC of the pipeline.</i>	
	TD503	67	Identification Code	X AN 2/20
			Code identifying a party or other code.	
	TD504	91	Transportation Method/Type Code	X ID 1/2
			Code specifying the method or type of transportation for the shipment.	
			1. Use any code.	
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
			<i>D Parcel Post</i>	
			Use to indicate the U.S. Postal Service and not a private carrier. Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD505	387	Routing	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	
X	TD506	368	Shipment/Order Status Code	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any	

difference between the quantity ordered and the quantity shipped for a line item or transaction.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD507	309	Location Qualifier	O	ID	1/2
			Code identifying type of location. Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD508	310	Location Identifier	X	AN	1/30
			Code which identifies a specific location.			
X	TD509	731	Transit Direction Code	O	ID	2/2
			The point of origin and point of direction. Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD510	732	Transit Time Direction Qualifier	O	ID	2/2
			Code specifying the value of time used to measure the transit time. Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD511	733	Transit Time	X	R	1/4
			The numeric amount of transit time.			
	TD512	284	Service Level Code	X	ID	2/2
			Code defining service 1. When BEG02 is code EO, use to identify the transportation requirements to satisfy the emergency order. 2. Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position: 270
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements or hazardous materials information or both
Notes: Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/450 segment when the information applies to a named entity.
Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.
 2 If TD402 is present, then TD403 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		<u>X</u> <u>ID</u> <u>2/3</u>
TD401	152	Special Handling Code Code specifying special transportation handling instructions. <i>Any code may be used but the listed codes are preferred.</i> AMM <i>A.M. Delivery Requirement</i> DA <i>Dangerous</i> EP <i>Expedite</i> EX <i>Explosive Flammable Gas</i> FG <i>Flammable Gas</i> FL <i>Flammable</i> FP <i>Flammable Poison Gas</i> HM <i>Endorsed as Hazardous Material</i> LT <i>Less Than Full Carload</i> LTT <i>Less Than Truckload</i> NC <i>Notify Consignee Before Delivery</i> PG <i>Poisonous Gas</i> PMM <i>P.M. Delivery Requirement</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209). <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material.	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80

Segment:	MAN Marks and Numbers
Position:	280
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Notes:	<ol style="list-style-type: none"> 1. Use this 2/MAN/280 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/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 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.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87). L Line Item Only	M ID 1/2
M	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	M AN 1/45
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	O AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87). L Line Item Only	X ID 1/2
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	X AN 1/45
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment.	O AN 1/45

Segment: **MSG** Message Text

Position: 289

Loop: PO1

Level: Detail

Usage: Optional

Max Use: >1

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

Notes: 1. Use to provide any plain text information not associated with a lead time, a clause, or an address.

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

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **SPI** Specification Identifier
Position: 291
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a description of the included specification or technical data items.
Notes: Use this segment to identify those elements of the award instrument that are classified and to specify the level of classification.
Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	SPI01	786	Security Level Code	M ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following.	
			<i>Use to specify the level of government security classification or commercial protection level assigned to the items identified in SPI02/03. If the item has both a government security classification and a commercial protection level, cite the government security classification in this data element and cite the commercial protection level in SPI09.</i>	
			06 Supplier Proprietary	
			92 Government Confidential	
			93 Government Secret	
			94 Government Top Secret	
	SPI02	128	Reference Number Qualifier	X ID 2/2
			Code qualifying the Reference Number.	
			<i>1. Use to identify items within the transaction set that are classified, e.g., FMS case number, drawing number, SOW, etc. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.</i>	
			<i>2. Use any code.</i>	
			<i>DD Document Identification Code</i>	
			<i>Use to indicate an Engineering Data List.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	SPI03	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	SPI04	790	Entity Title	O AN 1/132
			Title of the data entity.	
			<i>Use only if necessary to further define the item cited in SPI03.</i>	
X	SPI05	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.	
X	SPI06	792	Entity Status Code	O ID 1/1
			Code indicating the current status of the data item specified by the electronic	

			data item. Refer to 003050 Data Element Dictionary for acceptable code values.		
X	SPI07	353	Transaction Set Purpose Code Code identifying purpose of transaction set. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	SPI08	755	Report Type Code Code indicating the title or contents of a document, report or supporting item Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
	SPI09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following. <i>When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item in SPI03, if applicable.</i> 06 Supplier Proprietary	O ID	2/2
X	SPI10	559	Agency Qualifier Code Code identifying the agency assigning the code values. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	2/2
X	SPI11	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN	1/15
X	SPI12	554	Assigned Number Number assigned for differentiation within a transaction set.	O NO	1/6
X	SPI13	1322	Certification Type Code Code indicating the type of certification Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	1/1
X	SPI14	1401	Proposal Data Detail Identifier Code Code identifying the basis of a cited value in a proposal. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID	1/3

Segment: **TXI** Tax Information

Position: 292

Loop: PO1

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify tax information.

Notes: Use this 2/TXI/292 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.

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 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	TXI01	963 Tax Type Code Code specifying the type of tax. <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	TXI02	782 Monetary Amount Monetary amount.	X R 1/15
	TXI03	954 Percent Percentage expressed as a decimal <i>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).</i>	X R 1/10
X	TXI04	955 Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	TXI05	956 Tax Jurisdiction Code Code identifying the taxing jurisdiction.	X AN 1/10
	TXI06	441 Tax Exempt Code Code identifying exemption status from sales and use tax. <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
	TXI07	662 Relationship Code Code indicating the relationship between entities A Add D Delete I Included	O ID 1/1
	TXI08	828 Dollar Basis For Percent Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9

- TXI09** **325** **Tax Identification Number** **O AN 1/20**
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.), often called a tax exemption number or certificate number.
When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.
- TXI10** **350** **Assigned Identification** **O AN 1/11**
Alphanumeric characters assigned for differentiation within a transaction set.
1. Use to identify the ACRN, project code, funding code, or accounting code to which a tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.
2. Use only when TXI07 is code A.

Segment: SCH Line Item Schedule
Position: 295
Loop: SCH
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the data for scheduling a specific line item.
Notes: Use the 2/SCH/295 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.

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.

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes
M	SCH01	380	Quantity Numeric value of quantity.	M R 1/15
M	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
X	SCH03	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	SCH04	93	Name Free-form name.	X AN 1/35
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	M ID 3/3
		002	Delivery Requested <i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>	
		017	Estimated Delivery	
		037	Ship Not Before	
		063	Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
		065	1st Schedule Delivery	
		066	1st Schedule Ship	

		077	Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i>		
		106	Required By <i>Use to indicate that deliveries are due exactly on the specified date.</i>		
		174	Month Ending <i>When this code is used, cite the last date of the month.</i>		
		358	Cycle Begin Date on which the cycle begins		
		375	Delivery Start The date that deliveries will begin		
		996	Required Delivery A date on which or before, ordered goods or services must be delivered <i>Use to indicate that delivery is due on or before the specified date.</i>		
M	SCH06	373	Date Date (YYMMDD).	M	DT 6/6
	SCH07	337	Time 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) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	O	TM 4/8
	SCH08	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	X	ID 3/3
		002	Delivery Requested <i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>		
		017	Estimated Delivery		
		037	Ship Not Before		
		063	Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>		
		064	Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>		
		077	Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i>		
		106	Required By <i>Use to indicate that deliveries are due exactly on the specified date.</i>		
		174	Month Ending <i>When this code is used, cite the last date of the month.</i>		
		359	Cycle End Date on which the cycle ends		
		376	Delivery End		

			996	The date that deliveries will end Required Delivery A date on which or before, ordered goods or services must be delivered <i>Use to indicate that delivery is due on or before the specified date.</i>	
	SCH09	373	Date Date (YYMMDD).		<input checked="" type="checkbox"/> DT 6/6
	SCH10	337	Time 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) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>		<input checked="" type="checkbox"/> TM 4/8
	SCH11	326	Request Reference Number Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number). <i>Use to identify a reference number applicable to the delivery, e.g., a requisition number.</i>		<input type="checkbox"/> AN 1/45
X	SCH12	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.		<input type="checkbox"/> AN 1/11

Segment: **PKG** Marking, Packaging, Loading
Position: 300
Loop: PKG
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe marking, packaging, loading and unloading requirements.
Notes: 1. Use this 2/PKG/300 segment when packaging requirements apply to specific line items. Use the 2/PKG/460 segment if the packaging requirements apply to a named entity.

2. Packaging information such as the number of items in a unit container; the number of unit containers in a intermediate container; a requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.

- Syntax Notes:**
- 1 At least one of PKG04 PKG05 or PKG06 is required.
 - 2 If PKG04 is present, then PKG03 is required.
 - 3 If PKG05 is present, then PKG01 is required.

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

- Comments:**
- 1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
 - 2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.
 - 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
 - 4 Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
PKG01	349	Item Description Type		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 Characteristic Code		O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described.		
		<i>Use the listed codes to identify the applicable packaging requirements.</i>		
		CD	Cleaning or Drying Procedure	
		CT	Cushioning Thickness	
		CUD	Cushioning and Dunnage	
		HM	Hazardous Material	
		IC	Intermediate Container	
		LP	Level Of Preservation	
		OPI	Optional Procedure Indicator	
		PK	Packing	
		<i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas</i>		

shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable, cite MILSTD 2073-2C code X in PKG04.

PM Preservation Method
 PML Preservation Material
 SMK Special Marking
 UC Unit Container
 UCL Unit Container Level
 WM Wrapping Material

PKG03	559	Agency Qualifier Code	X	ID	2/2
		Code identifying the agency assigning the code values.			
		DF Department of Defense (DoD)			
		GS General Services Administration (GSA)			
		Responsible for Federal Specification			
		ZZ Mutually Defined			
		<i>Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in the ASC X12 Version/Release 3060.</i>			
PKG04	754	Packaging Description Code	X	AN	1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.			
		<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD-2073-2C).</i>			
		<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).</i>			
		<i>3. Insert "Z" or "ZZ" (dependent of the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD-2073-2C. Use PKG05 to provide the supplementary or special requirements.</i>			
		<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>			
		<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
PKG05	352	Description	X	AN	1/80
		A free-form description to clarify the related data elements and their content.			
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>			
		<i>2. Use of free text is discouraged if the information can be provided by some other means within the transaction set.</i>			
X	PKG06	400	Unit Load Option Code	X	ID 2/2

Code identifying loading or unloading a shipment
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **LS** Loop Header
Position: 320
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate that the next segment begins a loop
Notes: Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.

Syntax Notes:

Semantic Notes: 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as "mandatory", this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments: 1 See Figures Appendix for an explanation of the use of the LS and LE segments.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LS01	447	Loop Identifier Code	M AN 1/4
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	

Segment: **LDT** Lead Time

Position: 321

Loop: LDT

Level: Detail

Usage: Optional

Max Use: 1

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

Notes: 1. Use this 2/LDT/321 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 is applicable to a named entity, use the 2/LDT/462 loop. If this segment is used, the 2/DTM/210 segment is not used to describe a delivery schedule.

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

QTY*1J*500*EA n/l

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.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	LDT01	345 Lead Time Code	M ID 2/2
		Code indicating the time range.	
		AA From date of PO receipt to sample ready.	
		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.	

			AH	From Date of Receipt of First Article to First Article Approval			
			AI	From Date of a Specified Event to Delivery <i>When this code is used, identify the specified event in the following MSG 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/110 segment.</i>			
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)			
			AK	From Date Of Latest Delivery To Final Delivery			
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery			
			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			
			AY	From Date of Award to Date of Delivery			
			AZ	From Date of Receipt of Item to Date of Approval of Item			
M	LDT02	380	Quantity		M	R	1/15
				Numeric value of quantity.			
M	LDT03	344	Unit of Time Period or Interval		M	ID	2/2
				Code indicating the time period or interval			
			CY	Calendar Year			
			DA	Calendar Days			
			KK	Maximum Calendar Days <i>Use to indicate a flexible time period, e.g., X number of days or less.</i>			
			MO	Month			
			QY	Quarter of a Year			
			SA	Semiannual			
			WK	Weeks			
	LDT04	373	Date		O	DT	6/6
				Date (YYMMDD). <i>Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.</i>			

Segment: **QTY** Quantity

Position: 322

Loop: LDT

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify quantity information.

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.

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes
M	QTY01	673 Quantity Qualifier Code specifying the type of quantity.	M ID 2/2
		1J Due The amount due to the customer <i>Use to indicate the quantity to be delivered.</i>	
		1K Time Units The number of time units such as 8 (hours) <i>Use to indicate the length of the delivery period.</i>	
		52 Number of Originals <i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		K6 Drafts <i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		KF Duplicates <i>Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		SA Shipments <i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>	
M	QTY02	380 Quantity Numeric value of quantity. 1. When QTY01 is code 1J, cite the quantity to be delivered. 2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery	M R 1/15

QTY03 **355** *period, e.g., months.*

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

1. Use any code.

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.

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.

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 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 323
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a free form format that would allow the transmission of text information.
Notes: When LDT01 is code AI, use to identify the specified event.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
				M	AN	1/264
M	MSG01	933	Free-Form Message Text Free-form message text.	M	AN	1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2

Segment: **REF** Reference Numbers
Position: 324
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To specify identifying numbers.
Notes: Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

M	Ref. Des.	Data Element	Name	Attributes		
				M	ID	2/2
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.			
			10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>			
			1Z Financial Detail Code			
			AT Appropriation Number <i>When used, cite the number in REF03.</i>			
			AX Government Accounting Class Reference Number (ACRN)			
			BL Government Bill of Lading			
			FU Fund Code			
			IL Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>			
			P4 Project Code			
			TG Transportation Control Number (TCN)			
			TH Transportation Account Code (TAC)			
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN	1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content. <i>When REF01 is code AT, use to identify the appropriation number.</i>	X	AN	1/80

Segment: **LM** Code Source Information
Position: 325
Loop: LM
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Notes: Use this 2/LM/325 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.

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values. DF Department of Defense (DoD)	M ID 2/2
X	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN 1/15

Segment: **LQ** Industry Code
Position: 326
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Notes:
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		FX Frequency	
		<i>Use to indicate the delivery frequency code for a data item deliverable on a Contract Data Requirements List.</i>	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

Segment: **LE** Loop Trailer
Position: 327
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate that the loop immediately preceding this segment is complete
Notes: Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.

Syntax Notes:

Semantic Notes: 1 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: 1 See Figures Appendix for an explanation of the use of the LE and LS segments.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	LE01	447	Loop Identifier Code	M AN 1/4
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	

Segment: N9 Reference Number
Position: 330
Loop: N9
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Notes:

1. Use this 2/N9/330 loop to identify various clauses (e.g., FAR, DFARS, FIRMR, 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/N9/290 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.

Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.

Semantic Notes:

- 1 N906 reflects the time zone which the time reflects.

Comments:

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
				M	ID	2/2
M	N901	128	Reference Number Qualifier Code qualifying the Reference Number.			
			73 Statement of Work (SOW) Description of a product or service to be procured under a contract; statement of requirements			
			BB Authorization Number Proves that permission was obtained to provide a service <i>Use to indicate the Code of Federal Regulations.</i>			
			CJ Clause Number <i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFAR/FIRMR). Identify the purchasing activity issuing the clause in N903.</i>			
			DF Defense Federal Acquisition Regulations (DFAR)			
			DX Department/Agency Number <i>Use to indicate an Agency clause and identify the agency in N903.</i>			
			EC Circular <i>Use to indicate an Office of Management and Budget (OMB) circular number.</i>			
			FA Federal Acquisition Regulations (FAR)			
			GS General Services Administration Regulations (GSAR)			
			H4 Federal Information Resources Management Regulation			

	K7	Paragraph Number				
		<i>Use to provide 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.</i>				
	KD	Special Instructions Number				
		<i>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.</i>				
	KY	Site Specific Procedures, Terms, and Conditions				
		<i>A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents</i>				
	KZ	Master Solicitation Procedures, Terms, and Conditions				
		<i>A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents</i>				
		<i>Use to indicate the Master Solicitation number that contains applicable terms and conditions.</i>				
	VB	Department of Veterans Affairs Acquisition Regulations (VAAR)				
	ZZ	Mutually Defined				
		<i>Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.</i>				
N902	127	Reference Number	X	AN	1/30	
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N903	369	Free-form Description	X	AN	1/45	
		Free-form descriptive text.				
		<i>1. When N901 is code CJ or DX, use to identify the agency, or purchasing activity issuing the clause cited in N902.</i>				
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>				
		<i>3. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.</i>				
N904	373	Date	O	DT	6/6	
		Date (YYMMDD).				
		<i>Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.</i>				

X	N905	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)			
X	N906	623	Time Code	O	ID	2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **MSG** Message Text
Position: 340
Loop: N9
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Notes: 1. Use this segment to carry the title or full text of any clause, if it is required, 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. When providing fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the fill-ins being provided. Each fill-in will be preceded by the paragraph or section identifier in the clause where the fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the fill-ins being provided.

3. A pipe sign (|) will be inserted after each data item. As an Example, the fill-in information required by FAR 52.212-3 will be provided as follows:

Commencement, Prosecution, and Completion of Work| Alternative I (Apr 1984)| 3| (a)
 30| (c) Sep 30, 1995| Jan 15, 1995|

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

- Segment:** N1 Name
- Position:** 350
- Loop:** N1
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To identify a party by type of organization, name and code
- Notes:**
1. Use the 2/N1/350 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.
- Syntax Notes:**
- 1 At least one of N102 or N103 is required.
 - 2 If either N103 or N104 is present, then the other is required.
- Semantic Notes:**
- Comments:**
- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 - 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
				M	ID	2/2
M	N101	98	Entity Identifier Code			
			Code identifying an organizational entity, a physical location, or an individual			
			28 Subcontractor			
			31 Postal Mailing Address			
			<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>			
			61 Performed At			
			The facility where work was performed			
			<i>Use to indicate the place of performance when it is other than the contractor's mailing address.</i>			
			7D Contracting Officer Representative			
			7G Hazardous Material Office			
			7H Government Furnished Property FOB Point			
			7L Preliminary Inspection Location			
			<i>Use to indicate the inspection location for a first article.</i>			
			7M Inspection and Acceptance Location			

7P	Transportation Office
88	Approver Manufacturer's representative approving claim for payment <i>Use to indicate the party approving a Contract Data Requirements List.</i>
AE	Additional Delivery Address <i>Use to indicate a shipment in-place location.</i>
BT	Bill-to-Party <i>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.</i>
CY	Country <i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable ISO country code in N404.</i>
E5	Examiner <i>Use to indicate a Grant Investigator. Data maintenance has been submitted to ASC X12 to add a code for Investigator. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.</i>
IC	Intermediate Consignee <i>When FOB02 is code IT, use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KA	Item Manager The address of the person responsible for the management of an item of supply <i>Use to indicate the government inventory manager.</i>
KF	Audit Office The office performing the audit
KG	Project Manager The address of the person responsible for the management of a designated project <i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>
KX	Free on Board Point <i>When FOB02 is code KE, KL, KP, or ZZ, use to specify the other FOB point.</i>
KY	Technical Office <i>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.</i>
KZ	Acceptance Location

- Use when the acceptance point is other than at origin or destination.*

L1 Inspection Location
Place where the item was viewed or inspected
Use to indicate the inspection location when it has to be described as an address.
- OI Outside Inspection Agency
Use to indicate the inspection activity is other than the Contract Administration Office.
- P1 Preparer
The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer
Use to indicate the preparer of a Contract Data Requirements List.
- PA Party to Receive Inspection Report
- PC Party to Receive Cert. of Conformance (C.A.A.)
- PN Party to Receive Shipping Notice
- PO Party to Receive Invoice for Goods or Services
Use to indicate where the invoice should be mailed.
- PR Payer
Use to indicate the paying office.
- PW Pick Up Address
- R6 Requester
Use to indicate the requesting agency/activity.
- 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, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.
- SV Service Performance Site
When services are contracted for, this describes the organization for whom or location address at which those services will be performed
Use to indicate the location where a service is to be performed, e.g., grass cutting.
- TS Party to Receive Certified Test Results
- X2 Party to Perform Packaging
A party responsible for packaging an item after it has been produced
- Z7 Mark-for Party
The party for whom the needed material is intended
- ZD Party to Receive Reports
The organization designated to receive reports

N102	93	Name Free-form name.	X	AN	1/35
N103	66	Identification Code Qualifier	X	ID	1/2

Code designating the system/method of code structure used for Identification Code (67).

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

- 1 D-U-N-S Number, Dun & Bradstreet
Use of the DUNS number is preferred over other codes to identify an entity.
- 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)
- A2 Military Assistance Program Address Code (MAPAC)
Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

	N104	67	Identification Code	X	AN	2/20
			Code identifying a party or other code.			
X	N105	706	Entity Relationship Code	O	ID	2/2
			Code describing entity relationship.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	N106	98	Entity Identifier Code	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: N2 Additional Name Information
Position: 360
Loop: N1
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: N3 Address Information
Position: 370
Loop: N1
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

Segment: N4 Geographic Location
Position: 380
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Notes: This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.
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 USA or Canada.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N401	19	City Name Free-form text for city name.	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency.	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O ID 3/11
N404	26	Country Code Code identifying the country.	O ID 2/3
N405	309	Location Qualifier Code identifying type of location. AR Armed Services Location Designation Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location. When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).	O AN 1/30

Segment: **REF** Reference Numbers
Position: 390
Loop: N1
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Notes: 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.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>	
		1Z Financial Detail Code	
		AT Appropriation Number <i>When used, cite the number in REF03.</i>	
		AX Government Accounting Class Reference Number (ACRN)	
		BL Government Bill of Lading	
		FU Fund Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
		IL Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>	
		P4 Project Code	
		TG Transportation Control Number (TCN)	
		TH Transportation Account Code (TAC)	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content. <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80

Segment: **PER** Administrative Communications Contact
Position: 400
Loop: N1
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Notes: Use this 2/PER/400 segment to identify the accepting official either at origin (N101 is code C4) or at destination (N101 is code ST).
Syntax Notes:
 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	PER01	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named.	
		AV Advisor <i>Use to indicate the government party who will work with the contractor on basic R&D efforts in a particular science area.</i>	
		BD Buyer Name or Department <i>Includes Grants Management Specialists.</i>	
		CN General Contact <i>When N101 is code ST, use to indicate the accepting official at destination.</i>	
		PP Program Manager	
		RP Responsible Person <i>When N101 is code C4, use to indicate the accepting official at origin.</i>	
	PER02	93 Name Free-form name. <i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to provide the party's title</i>	O AN 1/35
	PER03	365 Communication Number Qualifier Code identifying the type of communication number.	X ID 2/2
		AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM Electronic Mail	
		FX Facsimile	
		IT International Telephone <i>Include the country code.</i>	
		TE Telephone	

				<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER04	364	Communication Number	X AN 1/80	
		Complete communications number including country or area code when applicable.		
PER05	365	Communication Number Qualifier	X ID 2/2	
		Code identifying the type of communication number.		
		<i>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.</i>		
		AU		Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM		Electronic Mail
		EX		Telephone Extension <i>Use only if PER03 is used citing either code AU or TE.</i>
		FX		Facsimile
		IT		International Telephone <i>Include the country code.</i>
		TE		Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER06	364	Communication Number	X AN 1/80	
		Complete communications number including country or area code when applicable.		
PER07	365	Communication Number Qualifier	X ID 2/2	
		Code identifying the type of communication number.		
		<i>Use to identify a third communications number for the party cited in PER02.</i>		
		AU		Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM		Electronic Mail
		EX		Telephone Extension <i>Use only if PER05 is used citing either code AU or TE.</i>
		FX		Facsimile
		IT		International Telephone <i>Include the country code.</i>
		TE		Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER08	364	Communication Number	X AN 1/80	
		Complete communications number including country or area code when applicable.		
PER09	443	Contact Inquiry Reference	O AN 1/20	
		Additional reference number or description to clarify a contact number.		
		<i>Use , if necessary, to provide the title of the party cited in PER02.</i>		

Segment: **SCH** Line Item Schedule
Position: 415
Loop: N1
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line item.
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.

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.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
				M	R	1/15
M	SCH01	380	Quantity Numeric value of quantity.			
M	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M	ID	2/2
X	SCH03	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	SCH04	93	Name Free-form name.	X	AN	1/35
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time. 002 Delivery Requested <i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i> 017 Estimated Delivery 037 Ship Not Before 063 Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i> 064 Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i> 065 1st Schedule Delivery 066 1st Schedule Ship 077 Requested for Delivery (Week of)	M	ID	3/3

When this code is used, cite the beginning day of the week.

106 Required By

Use to indicate that deliveries are due exactly on the specified date.

174 Month Ending

When this code is used, cite the last date of the month.

358 Cycle Begin

Date on which the cycle begins

375 Delivery Start

The date that deliveries will begin

996 Required Delivery

A date on which or before, ordered goods or services must be delivered

Use to indicate that delivery is due on or before the specified date.

M SCH06 373 Date M DT 6/6
Date (YYMMDD).

SCH07 337 Time O 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)

Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.

SCH08 374 Date/Time Qualifier X ID 3/3

Code specifying type of date or time, or both date and time.

002 Delivery Requested

Use when the delivery date of the order does not conform to the basic IDC instrument.

017 Estimated Delivery

037 Ship Not Before

063 Do Not Deliver After

Use to indicate that deliveries cannot be made after a specified date and/or time.

064 Do Not Deliver Before

Use to indicate that deliveries cannot be made before a specified date and/or time.

077 Requested for Delivery (Week of)

When this code is used, cite the beginning day of the week.

106 Required By

Use to indicate that deliveries are due exactly on the specified date.

174 Month Ending

When this code is used, cite the last date of the month.

359 Cycle End

Date on which the cycle ends

376 Delivery End

The date that deliveries will end

996

Required Delivery

A date on which or before, ordered goods or services must be delivered

Use to indicate that delivery is due on or before the specified date.

	SCH09	373	Date Date (YYMMDD).	X DT 6/6
	SCH10	337	Time 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) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	X TM 4/8
	SCH11	326	Request Reference Number Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number). <i>Use, as applicable, to cross-reference the cited line item, for example, to an RFQ or requisition number.</i>	O AN 1/45
X	SCH12	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.	O AN 1/11

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 430
Loop: N1
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify the carrier, sequence of routing and to provide transit time information
Notes: Use this 2/TD5/430 segment to identify the transportation method applicable to a named entity for a specific line item.

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.

Semantic Notes:

Comments:

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

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
X	TD501	133	Routing Sequence Code	O ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement. Refer to 003050 Data Element Dictionary for acceptable code values.	
	TD502	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67).	
		10	Department of Defense Activity Address Code (DODAAC)	
			<i>When TD504 is code PL, use to indicate the number in TD503 is the DoDAAC of the pipeline.</i>	
	TD503	67	Identification Code	X AN 2/20
			Code identifying a party or other code.	
	TD504	91	Transportation Method/Type Code	X ID 1/2
			Code specifying the method or type of transportation for the shipment.	
			1. Use any code.	
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
			<i>D Parcel Post</i>	
			Use to indicate the U.S. Postal Service and not a private carrier. Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD505	387	Routing	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	
X	TD506	368	Shipment/Order Status Code	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.	

			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD507	309	Location Qualifier Code identifying type of location.	O	ID	1/2
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD508	310	Location Identifier Code which identifies a specific location.	X	AN	1/30
X	TD509	731	Transit Direction Code The point of origin and point of direction.	O	ID	2/2
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time.	O	ID	2/2
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD511	733	Transit Time The numeric amount of transit time.	X	R	1/4
	TD512	284	Service Level Code Code defining service <i>1. When BEG02 is code EO, use to identify the transportation requirements to satisfy the emergency order.</i> <i>2. Use any code.</i>	X	ID	2/2
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position: 450
Loop: N1
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements or hazardous materials information or both
Notes: Use this 2/TD4/450 segment when the special handling or hazardous material information is applicable to a named entity for a specific line item.
Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.
 2 If TD402 is present, then TD403 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>		
<u>Des.</u>	<u>Element</u>		<u>X</u>	<u>ID</u>	<u>2/3</u>
TD401	152	Special Handling Code	X	ID	2/3
		Code specifying special transportation handling instructions. <i>Any code may be used but the listed codes are preferred.</i>			
		<i>AMM A.M. Delivery Requirement</i>			
		<i>DA Dangerous</i>			
		<i>EP Expedite</i>			
		<i>EX Explosive Flammable Gas</i>			
		<i>FG Flammable Gas</i>			
		<i>FL Flammable</i>			
		<i>FP Flammable Poison Gas</i>			
		<i>HM Endorsed as Hazardous Material</i>			
		<i>LT Less Than Full Carload</i>			
		<i>LTT Less Than Truckload</i>			
		<i>NC Notify Consignee Before Delivery</i>			
		<i>PG Poisonous Gas</i>			
		<i>PMM P.M. Delivery Requirement</i>			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
TD402	208	Hazardous Material Code Qualifier	X	ID	1/1
		Code which qualifies the Hazardous Material Class Code (209). <i>Use any code.</i>			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
TD403	209	Hazardous Material Class Code	X	AN	2/4
		Code specifying the kind of hazard for a material.			
TD404	352	Description	X	AN	1/80
		A free-form description to clarify the related data elements and their content. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>			

Segment: **PKG** Marking, Packaging, Loading
Position: 460
Loop: N1
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To describe marking, packaging, loading and unloading requirements.
Notes: 1. Use this 2/PKG/460 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; a requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. When different physical detail information is required for the same line item going to various ship-to addressees, SUBCLINS must be used.

Syntax Notes: 1 At least one of PKG04 PKG05 or PKG06 is required.
 2 If PKG04 is present, then PKG03 is required.
 3 If PKG05 is present, then PKG01 is required.

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

Comments: 1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
 2 If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
 4 Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

Ref.	Data			Attributes		
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>X</u>	<u>ID</u>	<u>1/1</u>
PKG01	349	Item Description Type				
		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 Characteristic Code		O	ID	1/5
		Code specifying the marking, packaging, loading and related characteristics being described.				
		<i>Use the listed codes to identify the applicable packaging requirements.</i>				
		CD	Cleaning or Drying Procedure			
		CT	Cushioning Thickness			
		CUD	Cushioning and Dunnage			
		HM	Hazardous Material			
		IC	Intermediate Container			
		LP	Level Of Preservation			
		OPI	Optional Procedure Indicator			
		PK	Packing			

When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable, cite MILSTD 2073-2C code X in PKG04.

PM Preservation Method
 PML Preservation Material
 SMK Special Marking
 UC Unit Container
 UCL Unit Container Level
 WM Wrapping Material

PKG03 **559** **Agency Qualifier Code** **X** **ID** **2/2**

Code identifying the agency assigning the code values.

DF Department of Defense (DoD)
 GS General Services Administration (GSA)
 Responsible for Federal Specification
 ZZ Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in the ASC X12 Version/Release 3060.

PKG04 **754** **Packaging Description Code** **X** **AN** **1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.

1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD-2073-2C).

2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).

3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD- 2073-2C. Use PKG05 to provide the supplementary or special requirements.

4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).

5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.

PKG05 **352** **Description** **X** **AN** **1/80**

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

1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.

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

X **PKG06** **400**

Unit Load Option Code

X **ID** **2/2**

Code identifying loading or unloading a shipment

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **LDT** Lead Time

Position: 462

Loop: LDT

Level: Detail

Usage: Optional

Max Use: 1

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

Notes: 1. Use this 2/LDT/462 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/1
QTY*1J*50*EA n/1

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/1
QTY*1J*50*MO n/1

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

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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	LDT01	345 Lead Time Code	
		Code indicating the time range.	
		AA	From date of PO receipt to sample ready.
		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.

			AH	From Date of Receipt of First Article to First Article Approval			
			AI	From Date of a Specified Event to Delivery <i>When this code is used, identify the specified event in the following MSG 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/110 segment.</i>			
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)			
			AK	From Date Of Latest Delivery To Final Delivery			
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery			
			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			
			AY	From Date of Award to Date of Delivery			
			AZ	From Date of Receipt of Item to Date of Approval of Item			
M	LDT02	380	Quantity		M	R	1/15
				Numeric value of quantity.			
M	LDT03	344	Unit of Time Period or Interval		M	ID	2/2
				Code indicating the time period or interval			
			CY	Calendar Year			
			DA	Calendar Days			
			KK	Maximum Calendar Days <i>Use to indicate a flexible time period, e.g., X number of days or less.</i>			
			MO	Month			
			QY	Quarter of a Year			
			SA	Semiannual			
			WK	Weeks			
	LDT04	373	Date		O	DT	6/6
				Date (YYMMDD). <i>Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.</i>			

Segment: **MAN** Marks and Numbers
Position: 464
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To indicate identifying marks and numbers for shipping containers
Notes: 1. Use this segment to identify marks and numbers associated with a ship-to addressee.

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

Syntax Notes: 1 If either MAN04 or MAN05 is present, then the other is required.
 2 If MAN06 is present, then MAN05 is required.

Semantic Notes: 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments: 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	MAN01	88	Marks and Numbers Qualifier	M ID 1/2
			Code specifying the application or source of Marks and Numbers (87).	
			L Line Item Only	
M	MAN02	87	Marks and Numbers	M AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment.	
	MAN03	87	Marks and Numbers	O AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment.	
	MAN04	88	Marks and Numbers Qualifier	X ID 1/2
			Code specifying the application or source of Marks and Numbers (87).	
			L Line Item Only	
	MAN05	87	Marks and Numbers	X AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment.	
	MAN06	87	Marks and Numbers	O AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment.	

Segment: **QTY** Quantity

Position: 466

Loop: LDT

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To specify quantity information.

- 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.

Syntax Notes:
 Semantic Notes:
 Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M	QTY01	673 Quantity Qualifier Code specifying the type of quantity.	
		1J Due The amount due to the customer <i>When QTY01 is code 1J, cite the quantity to be delivered.</i>	
		1K Time Units The number of time units such as 8 (hours) <i>Use to indicate the length of the delivery period.</i>	
		52 Number of Originals <i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		K6 Drafts <i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		KF Duplicates <i>Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements list that are to be delivered.</i>	
		SA Shipments <i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>	
M	QTY02	380 Quantity Numeric value of quantity. <i>1. When QTY01 is code 1J, cite the quantity to be delivered.</i> <i>2. When QTY01 is code 1K, cite the length of the delivery period in this data</i>	M R 1/15

element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.

QTY03 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

1. Use any code.

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.

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.

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 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 468
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a free form format that would allow the transmission of text information.
Notes: When LDT01 is code AI, use to identify the specified event.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **REF** Reference Numbers
Position: 469
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To specify identifying numbers.
Notes: Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

M	Ref. Des.	Data Element	Name	Attributes		
				M	ID	2/2
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.			
			10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>			
			1Z Financial Detail Code			
			AT Appropriation Number <i>When used, cite the number in REF03.</i>			
			AX Government Accounting Class Reference Number (ACRN)			
			BL Government Bill of Lading			
			FU Fund Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund			
			IL Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>			
			P4 Project Code			
			TG Transportation Control Number (TCN)			
			TH Transportation Account Code (TAC)			
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN	1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content. <i>When REF01 is code AT, use to identify the appropriation number.</i>	X	AN	1/80

Segment: **AMT** Monetary Amount
Position: 600
Loop: AMT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount.
Notes: 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.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes
M	AMT01	522 Amount Qualifier Code	M ID 1/2
		Code to qualify amount	
		<i>For correct use of the following codes in various fee and profit arrangements by type of contract, see Appendix B.</i>	
		1 Line Item Total	
		29 Estimated Price	
			The latest revised estimate of the total cost at complete for a contract
		30 Contract Ceiling	
			The ceiling price applicable to defined effort
		32 Target Fee or Profit Amount	
			The fee (can also be percent) of profit that will apply to defined contract effort
		33 Original Contract Target Cost	
			Value of the original negotiated contract
		70 Open Commitments	
			Value of supplies or other items committed to for payment (such as on delivery of products)
		E9 Initial Fee	
			Beginning charge before any reductions
		FE Fee	
		K4 Initial Target Fee	
		K5 Minimum Fee	
		K6 Maximum Fee	
		KC Obligated	
			An amount a party has an obligation to pay upon a successful performance by another party, (e.g., funds obligated on a contract)
			<i>When REF01 is code AX or 2V, use to indicate the funds associated with an ACRN or Special ACRN that are obligated against a line item.</i>
		KD Undefined	

An indicator that the amount has not yet been established but will be established at a future date
Use to indicate an undefinitized amount.

KO Committed Amount
KY Not-To-Exceed Price
ZQ Initial Target Cost

M	AMT02	782	Monetary Amount Monetary amount.	M	R	1/15
X	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/1

Segment: **REF** Reference Numbers
Position: 610
Loop: AMT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying numbers.
Notes: Use this segment to identify reference numbers applicable to an amount cited in AMT02, e.g., an ACRN, fund code, accounting code, appropriation number, etc.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

M	Ref. Des.	Data Element	Name	Attributes		
				M	ID	2/2
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.			
			10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>			
			IZ Financial Detail Code			
			2V Special Government Accounting Classification Reference Number (ACRN)			
			AT Appropriation Number <i>When used, cite the number in REF03.</i>			
			AX Government Accounting Class Reference Number (ACRN)			
			FU Fund Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund			
			P4 Project Code			
			TH Transportation Account Code (TAC)			
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN	1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content. <i>When REF01 is code AT, use to identify the appropriation number.</i>	X	AN	1/80

Segment: **LM** Code Source Information
Position: 620
Loop: LM
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Notes: Use this loop to provide data to field contract administration offices that cannot be provided by other means within this transaction set.

Syntax Notes:**Semantic Notes:**

Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values. DF Department of Defense (DoD)	M ID 2/2
X	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier.	O AN 1/15

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list	O ID 1/3
		6 Special Contract Provision Code Certain contract clauses and provisions that require special attention <i>Use to indicate special clauses/provisions.</i>	
		A9 Supplementary Address Identifies the originating organization's unique logistics information	
LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/20

Segment: CTT Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Notes:
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set. <i>Use to identify the total number of PO1 segments contained in this transaction set.</i>	M NO 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. <i>Use to identify the sum of the quantities (PO102) for all PO1 segments.</i>	O R 1/10
X	CTT03	81	Weight Numeric value of weight.	X R 1/10
X	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT05	183	Volume Value of volumetric measure.	X R 1/8
X	CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT07	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80

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

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes		
				M	ID	1/2
M	AMT01	522	Amount Qualifier Code Code to qualify amount			
			29	Estimated Price The latest revised estimate of the total cost at complete for a contract <i>Use to indicate the total award instrument price is an estimate.</i>		
			30	Contract Ceiling The ceiling price applicable to defined effort <i>Use to indicate the contract ceiling price for fixed-price contracts with retroactive price redetermination.</i>		
			KD	Undefinitized An indicator that the amount has not yet been established but will be established at a future date <i>Use to indicate an undefinitized amount.</i>		
			TT	Total Transaction Amount <i>Use to indicate the total value of the award instrument when it is not an estimate.</i>		
			TY	Total at Complete <i>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 period.</i>		
M	AMT02	782	Monetary Amount Monetary amount.	M	R	1/15
X	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/1

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Notes:

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments.	M NO 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Enter the same number as the one carried in ST02.</i>	M AN 4/9

APPENDIX A**COST, FEE, AND PRICE EXPRESSION TABLE**

BEG09 Code	AMT01 Code	AMT01 Code Use
CA/CB	33	Target Cost
CA/CB	32	Target Fee
CA/CB	K5	Minimum Fee
CA/CB	K6	Maximum Fee
CH	KO	Contractor Firm Share
CH	70	Estimated Government Share
CS	NA	Use the 3/AMT/020 segment, code TT
CW	33	Cost
CW	FE	Base Fee
CW	E9	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 redetermination, use the 3/AMT/020 segment, code 29 for contract total amount; and use the 2/AMT/600 segment code 1 when CN101 is code FR for Firm Fixed Price Items, and code 29 when CN101 is code FD for re determinable items without a ceiling price or code 30 for re determinable items with a ceiling price.
ZZ	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 ZZ 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	K6	Target Profit Ceiling
FF/FG	K5	Target Profit Floor
FF/FG	30	Ceiling Price
FH	33	Fixed Price
FH	FE	Base Fee
FH	E9	Fixed Fee
FJ//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

APPENDIX B**COST, FEE, AND PRICE EXPRESSION TABLE**

CN101 Code	AMT01 Code	AMT01 Code Use
CA/CB	33	Target Cost
CA/CB	32	Target Fee
CA/CB	K5	Minimum Fee
CA/CB	K6	Maximum Fee
CH	KO	Contractor Firm Share
CH	70	Estimated Government Share
CS	NA	Use the 3/AMT/020 segment, code TT
CW	33	Cost
CW	FE	Base Fee
CW	E9	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 redetermination, use the 3/AMT/020 segment, code 29 for contract total amount; and use the 2/AMT/600 segment code 1 when CN101 is code FR for Firm Fixed Price Items, and code 29 when CN101 is code FD for re determinable items without a ceiling price or code 30 for re determinable items with a ceiling price.
ZZ	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 ZZ 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	K6	Target Profit Ceiling
FF/FG	K5	Target Profit Floor
FF/FG	30	Ceiling Price
FH	33	Fixed Price
FH	FE	Base Fee
FH	E9	Fixed Fee
FJ//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

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
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84	84
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88	88
89	89
90	90
91	91
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93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

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