NIST Special Publication 881-59

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003040 Transaction Set 850 Purchase Order (Revision 1)

Implementation Convention

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[1]At Boulder, CO 80303.
[2]Some elements at Boulder, CO.

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

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Reports on Information Technology

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

850 Purchase Order

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. Use this transaction set to issue procurement instruments to include Purchase/Delivery Orders and contracts for federal government purchases.

2. Use, if applicable, segments in Table 1 when the order contains one line item or multiple line items and the data to all the line items. Use the corresponding segments in Table 2 when the order contains multiple line items and the data varies among the line items.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BEG	Beginning Segment for Purchase Order	M	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	25		
	110	CSH	Header Sale Condition	O	5		
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	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		
Not Used	230	TDI	Carrier Details (Quantity and Weight)	O	2		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	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		
Not Used	280	CTB	Restrictions/ Conditions	O	5		
Not Used	285	TXI	Tax Information	O	>1		
			LOOP ID - N9			1000	
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
	310	N1	Name	O	1		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	1		
Not Used	345	NX2	Real Estate Property ID Component	O	3		
	350	REF	Reference Numbers	O	12		
	360	PER	Administrative Communications Contact	O	3		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	200		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
Must Use	010	PO1	Baseline Item Data	M	1		n2
Not Used	018	SI	Service Characteristic Identification	O	5		
Not Used	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
	040	CTP	Pricing Information	O	25		
	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
	070	PWK	Paperwork	O	25		
	090	PO4	Item Physical Details	O	1		
	100	REF	Reference Numbers	O	12		
	110	PER	Administrative Communications Contact	O	3		
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	140	IT8	Conditions of Sale	O	1		
	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
	160	DIS	Discount Detail	O	20		
Not Used	165	INC	Installment Information	O	1		
Not Used	170	TAX	Tax Reference	O	>1		
	180	FOB	F.O.B. Related Instructions	O	1		

	190	SDQ	Destination Quantity	O	500		
Not Used	200	IT3	Additional Item Data	O	5		
	210	DTM	Date/Time Reference	O	10		
	220	LDT	Lead Time	O	12		
	230	SCH	Line Item Schedule	O	200		n3
Not Used	235	TC2	Commodity	O	2		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	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		
	290	AMT	Monetary Amount	O	1		n4
Not Used	295	TXI	Tax Information	O	>1		
			LOOP ID - PKG			200	
	300	PKG	Marking, Packaging, Loading	O	1		
Not Used	310	MEA	Measurements	O	>1		
			LOOP ID - N9			1000	
	330	N9	Reference Number	O	1		
Not Used	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		
Not Used	385	NX2	Real Estate Property ID Component	O	3		
	390	REF	Reference Numbers	O	12		
	400	PER	Administrative Communications Contact	O	3		
Not Used	410	FOB	F.O.B. Related Instructions	O	1		
	415	SCH	Line Item Schedule	O	200		
Not Used	420	TD1	Carrier Details (Quantity and Weight)	O	2		
	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	440	TD3	Carrier Details (Equipment)	O	12		
Not Used	450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	460	PKG	Marking, Packaging, Loading	O	200		
			LOOP ID - SLN			1000	
Not Used	470	SLN	Subline Item Detail	O	1		
Not Used	480	SI	Service Characteristic Identification	O	5		
Not Used	490	PID	Product/Item Description	O	1000		
Not Used	500	PO3	Additional Item Detail	O	104		
Not Used	505	TC2	Commodity	O	2		
Not Used	510	SAC	Service, Promotion, Allowance, or Charge Information	O	10		
Not Used	520	DTM	Date/Time/Period	O	10		
Not Used	522	CTP	Pricing Information	O	25		
Not Used	524	PO4	Item Physical Details	O	1		
			LOOP ID - N1			10	

	Not Used	530	N1	Name	O	1		
	Not Used	540	N2	Additional Name Information	O	2		
	Not Used	550	N3	Address Information	O	2		
	Not Used	560	N4	Geographic Location	O	1		
	Not Used	570	NX2	Real Estate Property ID Component	O	3		
	Not Used	580	REF	Reference Numbers	O	12		
	Not Used	590	PER	Administrative Communications Contact	O	3		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n5
	020	AMT	Monetary Amount	O	1		n6
Must Use	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. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
5. 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.
6. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment:	**ST** Transaction Set Header
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			850 X12.1 Purchase Order		
Must Use	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		
			Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.		

	Segment:	**BEG** Beginning Segment for Purchase Order
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	*A request has been submitted to ASC X12 to add data elements to the BEG segment that will carry the contract type (in terms of its pricing arrangement, e.g., Firm Fixed Price, Cost Plus Award Fee, etc.), security classification, and type of product or service code. We expect those data elements to be available for use in ASC X12 Version/Release 3050.*

<div align="center">Data Element Summary</div>

	Ref. Des.	Data Element	Name		Attributes
Must Use	BEG01	353	**Transaction Set Purpose Code**		**M ID 2/2**
			Code identifying purpose of transaction set		
			00	Original	
				Use to indicate an original procurement instrument. This code is used only after the contractor has agreed to all terms and conditions to be contained in the procurement instrument transmitted.	
			07	Duplicate	
				Use to indicate the re-transmission of a previously transmitted procurement instrument.	
			22	Information Copy	
				Use to indicate that this is an information copy of an original procurement instrument. This information copy is sent to addresses other than the selling party, e.g., the Contract Administration Office.	
Must Use	BEG02	92	**Purchase Order Type Code**		**M ID 2/2**
			Code specifying the type of Purchase Order		
			Use to identify the type of procurement instrument represented by this transaction set.		
			LS	Lease	
			NE	New Order	
				Use to indicate a Purchase Order. A request has been submitted to ASC X12 to add a code for Purchase Order. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.	
			RL	Release or Delivery Order	
				An order for goods and services placed against a pre-existing contract or blanket order	
				Use to indicate releases, calls, or delivery orders against existing indefinite procurement instruments.	
			RT	Rental	
			ZZ	Mutually Defined	
				Use to indicate that a type of procurement instrument other than a lease, purchase order or delivery order is	

being issued. When used, use the following NTE segment to explain the type of procurement instrument being issued. A request has been submitted to ASC X12 to add codes for Agreement, Blanket Purchase Agreement, Contract, Basic Agreement, Basic Ordering Agreement, Grant, Indefinite Delivery Indefinite Quantity (IDIQ), Indefinite Delivery Definite Quantity (IDDQ), Requirements, Task Order, and Letter Contract. We expect these codes will be available for use in ASC X12 Version/Release 3050. Do not use for releases or delivery orders. When applicable, use code RL.

Must Use   **BEG03**   324   **Purchase Order Number**   M   AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

Use to identify the procurement instrument identification number (PIIN) not the order against a basic procurement instrument, e.g., delivery order, release, or call. For purchase orders, cite the order number. For delivery orders, cite the basic procurement instrument identification number (e.g., the contract or schedule number) and cite the delivery order or call number in BEG04. Federal numbers will not exceed 15 characters in length in order to comply with Federal Procurement Data System requirements.

       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

Use to identify the delivery order, call or release number, (e.g., the Supplemental PIIN) against the basic procurement instrument cited in BEG03.

Must Use   **BEG05**   323   **Purchase Order Date**   M   DT 6/6

Date assigned by the purchaser to Purchase Order

When BEG04 is used, cite the date of the delivery order, call or release. When BEG04 is not used, cite the date of the procurement instrument in BEG03.

Not Used   **BEG06**   367   **Contract Number**   O   AN 1/30

Contract number

       BEG07   587   **Acknowledgment Type**   O   ID 2/2

Code specifying the type of acknowledgment

         AC   Acknowledge - With Detail and Change

Use to indicate acknowledgment of this 850 is required using the available segments in the 855 and retransmitting the same data in the corresponding segments in the 850. Changes are permitted.

         AD   Acknowledge - With Detail, No Change

Use to indicate acknowledgment of this 850 is required using the available segments in the 855 and retransmitting the same data in the corresponding segments in the 850 without change.

         AK   Acknowledge - No Detail or Change

Use to indicate acknowledgment by acceptance or rejection of this 850 is required.

Not Used   **BEG08**   1019   **Invoice Type Code**   O   ID 3/3

Code defining the method by which invoices are to be processed

Segment:	**NTE** Note/Special Instruction
Position:	030
Loop:	
Level:	Heading
Usage:	Floating
Max Use:	100
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:	
Semantic Notes:	
Comments:	1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	*1. Must use when BEG02 is code ZZ, to identify the type of procurement instrument being issued.*
	2. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
NTE01	363	Note Reference Code	O	ID 3/3
		Code identifying the functional area or purpose for which the note applies		
		Use any code.		
		Refer to 003040 Data Element Dictionary for acceptable code values.		
Must Use NTE02	3	Free Form Message	M	AN 1/60
		Free-form text		

	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
	Syntax Notes:	1 If CUR08 is present, then CUR07 is required.
		2 If CUR09 is present, then CUR07 is required.
		3 If CUR11 is present, then CUR10 is required.
		4 If CUR12 is present, then CUR10 is required.
		5 If CUR14 is present, then CUR13 is required.
		6 If CUR15 is present, then CUR13 is required.
		7 If CUR17 is present, then CUR16 is required.
		8 If CUR18 is present, then CUR16 is required.
		9 If CUR20 is present, then CUR19 is required.
		10 If CUR21 is present, then CUR19 is required.
	Semantic Notes:	
	Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.
	Notes:	*Use to identify the currency in which payment will be made if in other than U.S. Dollars.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR01	98	**Entity Identifier Code**	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			PR Payer		
			Use to indicate the paying office.		
Must Use	CUR02	100	**Currency Code**	M	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
			Use the appropriate code to specify the currency that will be used to make payment.		
Not Used	CUR03	280	**Exchange Rate**	O	R 4/6
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
Not Used	CUR04	98	**Entity Identifier Code**	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
Not Used	CUR05	100	**Currency Code**	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
Not Used	CUR06	669	**Currency Market/Exchange Code**	O	ID 3/3
			Code identifying the market upon which the currency exchange rate is based		
Not Used	CUR07	374	**Date/Time Qualifier**	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR08	373	**Date**	O	DT 6/6
			Date (YYMMDD)		
Not Used	CUR09	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)		
Not Used	CUR10	374	**Date/Time Qualifier**	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR11	373	**Date**	O	DT 6/6
			Date (YYMMDD)		

Not Used	CUR12	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)

Not Used	CUR13	374	Date/Time Qualifier	X	ID 3/3

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

Not Used	CUR14	373	Date	O	DT 6/6

Date (YYMMDD)

Not Used	CUR15	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)

Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3

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

Not Used	CUR17	373	Date	O	DT 6/6

Date (YYMMDD)

Not Used	CUR18	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)

Not Used	CUR19	374	Date/Time Qualifier	X	ID 3/3

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

Not Used	CUR20	373	Date	O	DT 6/6

Date (YYMMDD)

Not Used	CUR21	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)

	Segment:	**REF** Reference Numbers
	Position:	050
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	12
	Purpose:	To specify identifying numbers.
	Syntax Notes:	1 At least one of REF02 or REF03 is required.
	Semantic Notes:	
	Comments:	
	Notes:	*1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. When the reference numbers vary by line item, use the 2/REF/100 segment.*

2. A request has been submitted to ASC X12 to increase the maximum use of this segment to greater than 1. If approved, the use will be increased in ASC X12 Version/Release 3050. Until approved, there can be no more than 12 iterations of the REF segment at this point in the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

A request has been submitted to ASC X12 for a code to specify Type of Science and for Catalog number (for Research and Development work). If approved, these codes will be available for use in ASC X12 Version/Release 3050.

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
	Use to indicate that the order involves a foreign military sale.
73	Statement of Work (SOW)
	Description of a product or service to be procured under a contract; statement of requirements
	Use to indicate the statement of work (SOW) number or a number within the statement of work where additional information can be found regarding the line item. If the SOW is a part of the order, the PWK segment can be used to indicate how it is being transmitted to the selling party if not otherwise included in the transaction set.
97	Package Number
	A serial number indicating unit shipped
AH	Agreement Number
	Use to indicate a Union Agreement number.
AT	Appropriation Number
	Use to indicate accounting appropriation data. Cite the data as a literal string in REF03.
AU	Authorization to Meet Competition No.

	Use, as applicable, to cite the statutory authority for using other than full and open competition.
BB	Authorization Number
	Proves that permission was obtained to provide a service
	Use to indicate the statutory authorization under which this order is negotiated.
BM	Bill of Lading Number
	Use to indicate a government bill of lading (GBL).
BV	Purchase Order Line Item Identifier (Buyer)
C7	Contract Line Item Number
CH	Customer catalog number
	Use to indicate the Catalog of Federal Domestic Assistance where the funding source for a research effort can be found. A request has been submitted to ASC X12 to add a code for the generic term Catalog. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.
CR	Customer Reference Number
	Use to indicate the internal number the contractor assigned to the buying party.
DG	Drawing Number
DS	Defense Priorities Allocation System (DPAS) Priority Rating
E4	Charge Card Number
	Use to indicate the government credit card under which payment for this instrument will be accomplished. When used, provide the credit card expiration date in the 1/DTM/150 segment citing code 036 in DTM01.
IJ	Standard Industry Classification (SIC) Code
	Use to indicate the Standard Industrial Classification (SIC) Code applicable to this order.
IL	Internal Order Number
	Use to indicate the requisition number (e.g., the MILSTRIP/FEDSTRIP document number).
IX	Item Number
	Use to indicate a Federal Supply Class (FSC) special item number.
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
	Use to indicate the surveillance criticality designator that will be applicable to the order.
K6	Purchase Description
K7	Paragraph Number
	Use to indicate a particular paragraph or section in the order that contains applicable information.
KS	Solicitation
	A discreet number assigned by the purchasing activity to differentiate between different solicitations

	Use to indicate the solicitation number that resulted in this procurement instrument. If applicable, concatenate the LAST amendment number with the solicitation number.
LT	Lot Number
P4	Project Code
	Use to indicate the project number applicable to this order.
PH	Priority Rating
	Use to indicate the MILSTRIP/FEDSTRIP priority.
PR	Price Quote Number
	Use to indicate the contractor's bid, quote or proposal number.
QC	Product Specification Document Number
	Model designation of replacement component
RQ	Purchase Requisition No.
	Use, as appropriate, to indicate an internal number such as a purchase request or purchase request order number. When citing a purchase request number, concatenate its line number with the purchase request number if it is necessary to transmit both numbers.
RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number
	Use to indicate a specification other than a MILSPEC. When used, identify the specification in REF03.
TG	Transportation Control Number (TCN)
TH	Transportation Account Code (TAC)
TN	Transaction Reference Number
	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.
TP	Test Specification Number
W2	Weapon System Number
	Identifies a weapon system
W6	Federal Supply Schedule Number
	Identifies an item with a two-digit group number, two-digit part number, and one-character section letter
XC	Cargo Control Number
	Use to indicate the 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
ZF	Contractor Establishment Code (CEC)
	Goverment identifier to designate a contractor; it is nine characters, eight numeric and a final alpha
ZZ	Mutually Defined
	Use to indicate another type of reference number. When used, identify the nature of the number in REF03. Examples of the numbers that can be

included here (for which data maintenance has been submitted to ASC X12) are: Military Standard Number, Technical Document Number, Technical Order Number, Related Contract Line Item Number, and Standard Number. If approved, the codes will be available for use in ASC X12 Version/Release 3050.

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 reference number has an associated revision number, suffix or extension, concatenate the reference and revision/suffix/extension number and carry the resultant number 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 the number cited in REF02. Use of free-form text is discouraged.

2) When REF01 is code AT, cite the accounting appropriation as a literal string in this data element.

	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
	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.
	Semantic Notes:	
	Comments:	
	Notes:	*1. Use to identify a contract when that party is not to be associated with an address. When an address is also required, use the 1/PER/360 segment.*

2. A request has been submitted to ASC X12 to add data element 443, Contact Inquiry Reference, at PER07. This data element will permit citing the title of the party identified in PER02. If approved, this data element will be available for use in ASC X12 Version/Release 3050.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	**Contact Function Code**		M ID 2/2

Code identifying the major duty or responsibility of the person or group named

HM	Hazardous Material Contact	
NT	Notification Contact	

Use to indicate the party to be contacted for shipping instructions. Use only when LDT01 in the 1/LDT/160 segment cites code AI.

RE	Receiving Contact

Use to indicate the party to be contacted to schedule a shipment. Use only when LDT01 in the 1/LDT/160 segment cites code AI.

ZZ	Mutually Defined

Use to indicate an Advisor (the individual who will work with the contractor on a research effort). A request as been submitted to ASC X12 to add a code for ADVISOR. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

	PER02	93	**Name**		O AN 1/35

Free-form name

Cite the last name first, followed by the first name. Do not truncate the last name if the whole name is longer than 35 characters. Instead, truncate or use the initial of the first name.

	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	

Include the country code.

		TE	Telephone		

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

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

Use to specify a second communication number for the party cited in PER02. For example, if PER03/04 cites the commercial telephone number, then PER05/06 can be used to cite an electronic mail number.

		AU	Defense Switched Network

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

		EM	Electronic Mail
		EX	Telephone Extension

Use only if PER03 is used citing either code AU or TE.

		FX	Facsimile
		IT	International Telephone

Include the country code.

		TE	Telephone

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

PER06	364	Communication Number		X	AN 1/80

Complete communications number including country or area code when applicable

Segment:	**FOB** F.O.B. Related Instructions
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying the title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	*1. Use this 1/FOB/080 segment if the FOB point and the acceptance location apply to all of the line items. When the FOB point or acceptance location vary by line item, use the 2/FOB/180 segment.*
	2. This segment is not necessary when the order is for a service.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	FOB01	146	**Shipment Method of Payment**		M ID 2/2
			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) *Use to indicate that the FOB point is origin.*	
			PE	Prepaid and Summary Bill	
				Use to indicate that transportation costs are authorized to be prepaid and added to the invoice.	
			PP	Prepaid (by Seller)	
				Use to indicate that the FOB point is destination.	
	FOB02	309	**Location Qualifier**		X ID 1/2
			Code identifying type of location		
			1. Use to identify the FOB point.		
			2. A request has been submitted to ASC X12 to add codes for Port of Embarkation, Port of Loading, and Government Furnished Property FOB Point. We expect these codes will be available for use in ASC X12 Version/Release 3050.		
			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 a Freight Forwarder.*	
			OR	Origin (Shipping Point)	

| | | | ZZ | Mutually Defined | | |

Use to indicate that the FOB point is neither origin nor destination. When used, cite the actual FOB point in FOB03. If the actual FOB point is an address or geographical location, use in conjunction with one iteration of the appropriate N1 loop, using code KX in N101.

| | FOB03 | 352 | Description | | O | AN 1/80 |

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

Use to identify the FOB point only when FOB02 is code ZZ. If necessary, use one iteration of the N1 loop, using code KX in N101, to specify the address of the FOB point. Use is discouraged.

| Not Used | FOB04 | 334 | Transportation Terms Qualifier Code | | O | ID 2/2 |

Code identifying the source of the transportation terms

| Not Used | FOB05 | 335 | Transportation Terms Code | | X | ID 3/3 |

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

| | FOB06 | 309 | Location Qualifier | | X | ID 1/2 |

Code identifying type of location

Use to identify the acceptance point.

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

Use to indicate that the acceptance point is neither origin nor destination. When used, cite the actual acceptance point in FOB07. If the actual acceptance point is an address or geographic location, use in conjunction with one iteration of the N1 loop, using code ZZ in N101.

| | FOB07 | 352 | Description | | O | AN 1/80 |

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

Use to identify the acceptance point when FOB06 is code ZZ. If necessary, use one iteration of the N1 loop, using code ZZ in N101, to specify the address of the acceptance point. Use is discouraged.

| Not Used | FOB08 | 54 | Risk of Loss Qualifier | | O | ID 2/2 |

Code specifying where responsibility for risk of loss passes

| Not Used | FOB09 | 352 | Description | | X | AN 1/80 |

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

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
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 CSH04 is the account number to which the purchase amount is to be charged.
	2 CSH06 identifies the source of the code value in CSH07.
	3 CSH09 is the percent of the Set-Aside.
Comments:	
Notes:	*Use this 1/CSH/110 segment to specify special services or conditions applicable to all of the liue items in the order. When the special services or conditions vary by line item, use the 2/IT8/140 segment.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
CSH01	563	**Sales Requirement Code**	O	ID 1/2

Code to identify a specific requirement or agreement of sale

P2	Ship As Soon As Possible
P4	Do Not Preship
SC	Ship Complete

Use to indicate partial shipments will not be accepted.

SV	Ship Per Release

Use to indicate that the ordered item(s) are to be shipped in place.

CSH02	564	**Do-Not-Exceed Action Code**	O	ID 1/1

Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)

Use any code.

Refer to 003040 Data Element Dictionary for acceptable code values.

CSH03	565	**Do-Not-Exceed Amount**	X	N2 2/9

Maximum monetary amount value which the order must not exceed.

Use to indicate a maximum price that if the vendor would exceed, the order need not be filled.

Not Used	CSH04	508	**Account Number**	O AN 1/35

Account number assigned

Not Used	CSH05	596	**Required Invoice Date**	O DT 6/6

Date specified by the sender to be shown on the invoice.

CSH06	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values

AX	ANSI Accredited Standards Committee, X12

Use this code to comply with the syntax of the CSH segment.

CSH07	560	**Special Services Code**	X	ID 2/10

Code identifying the special service

Use to identify the inspection location as either at origiu or at destination. Data element 560 does not appear in Table 2 of this transaction set. Therefore, if the inspection location varies by line item, code L1 in N101 of the 2/N1/350 loop must be used for this purpose.

| | | | IM | | Inspect at Destination | | |
| | | | IO | | Inspect at Origin | | |

Not Used	CSH08	566	**Product/Service Substitution Code**	O	**ID 1/2**
			Code indicating product or service substitution conditions		
Not Used	CSH09	954	**Percent**	O	**R 1/10**
			Percentage expressed as a decimal		

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	120
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
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. SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to service, promotion, allowance or charge. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
4. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
5. 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.

Notes: *Use the 1/SAC/120 segment to identify charges that apply to all of the line items. If the charges vary by line item, use the 2/SAC/130 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	SAC01	248	Allowance or Charge Indicator	M	ID 1/1

Code which indicates an allowance or charge for the service specified

A		Allowance
C		Charge
N		No Allowance or Charge

	Ref. Des.	Data Element	Name		Attributes
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID 4/4

Code identifying the service, promotion, allowance, or charge

Use any code.

Refer to 003040 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2

Code identifying the agency assigning the code values

	Ref. Des.	Data Element	Name		Attributes
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

	Ref. Des.	Data Element	Name		Attributes
	SAC05	610	Amount	O	N2 1/15

Monetary amount

| Not Used | SAC06 | 378 | **Allowance/ Charge Percent Qualifier** | X | ID 1/1 |

Code indicating on what basis allowance or charge percent is calculated

| Not Used | SAC07 | 332 | **Allowance or Charge Percent** | X | R 1/6 |

Allowance or charge expressed as a percent.

| Not Used | SAC08 | 359 | **Allowance or Charge Rate** | O | R 1/9 |

Allowance or Charge Rate per Unit

| | 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

A conversion table may be required to convert agency codes to codes used by ASC X12.

Refer to 003040 Data Element Dictionary for acceptable code values.

| | SAC10 | 339 | **Allowance or Charge Quantity** | X | R 1/10 |

Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity

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.

| | SAC11 | 339 | **Allowance or Charge Quantity** | O | R 1/10 |

Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity

| Not Used | SAC12 | 331 | **Allowance or Charge Method of Handling Code** | O | ID 2/2 |

Code indicating method of handling for an allowance or charge

| Not Used | 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.

| Not Used | SAC14 | 770 | **Option Number** | O | AN 1/20 |

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

| Not Used | 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
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.
Notes:	*1. Use this 1/ITD/130 segment when the discount terms apply to all of the line items. If the discount terms vary by line item, use the 2/ITD/150 segment.*
	2. Payment method was provided at time of registration. Changes to that data must be made by submitting a registration data change using the 838 transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ITD01	336	**Terms Type Code**	O	ID 2/2
		Code identifying type of payment terms		
		21 Fast Pay		
		Code indicating that an invoice is subject to accelerated payment		
		Use to indicate FAST PAY procedures are applicable.		
ITD02	333	**Terms Basis Date Code**	O	ID 1/2
		Code identifying the beginning of the terms period		
		Use the same code as the one indicated in ITD02 of the Contract Solicitation Response (843 transaction set).		
		Refer to 003040 Data Element Dictionary for acceptable code values.		
ITD03	338	**Terms Discount Percent**	O	R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
ITD04	370	**Terms Discount Due Date**	X	DT 6/6
		Date payment is due if discount is to be earned		
ITD05	351	**Terms Discount Days Due**	X	N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned		
ITD06	446	**Terms Net Due Date**	O	DT 6/6
		Date when total invoice amount becomes due		
ITD07	386	**Terms Net Days**	O	N0 1/3
		Number of days until total invoice amount is due (discount not applicable)		
ITD08	362	**Terms Discount Amount**	O	N2 1/10
		Total amount of terms discount		
		Use, if needed, to prevent differences that can result from rounding off methods.		
ITD09	388	**Terms Deferred Due Date**	O	DT 6/6
		Date deferred payment or percent of invoice payable is due		
ITD10	389	**Deferred Amount Due**	X	N2 1/10

			Deferred amount due for payment		
	ITD11	342	**Percent of Invoice Payable**	X	R 1/5
			Amount of invoice payable expressed in percent		
Not Used	ITD12	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
	ITD13	765	**Day of Month**	X	N0 1/2
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
Not Used	ITD14	107	**Payment Method Code**	O	ID 1/1
			Code identifying type of payment procedures		
	ITD15	954	**Percent**	O	R 1/10
			Percentage expressed as a decimal		

Segment:	**DTM** Date/Time Reference
Position:	150
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/DTM/150 segment to specify a required delivery date when it is expressed as an actual date. If the delivery schedule is expressed as a set number time period after the occurrence of some event, use the 1/LDT/160 segment. If the 1/LDT/160 segment is used, do not use this segment.*
	2. Use this 1/DTM/150 segment to specify dates (e.g., quote date, transaction set date) if they apply to all of the line items in the order. When the dates vary by line item, use the 2/DTM/210 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3

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

002	Delivery Requested	
	Use when an unpriced order is issued. The date cited in DTM02 is assumed to be an estimated date.	
036	Expiration	
	Date coverage expires	
	Use to indicate the expiration date of the government credit card identified in the 1/REF/050 segment.	
037	Ship Not Before	
063	Do Not Deliver After	
064	Do Not Deliver Before	
065	1st Schedule Delivery	
066	1st Schedule Ship	
077	Requested for Delivery (Week of)	
	When this code is used, cite the beginning date of the week.	
106	Required By	
	Use when delivery is due exactly on the specified date.	
150	Service Period Start	
	Use to specify the performance commencement date for a line item that is ordering a service.	
151	Service Period End	
	Use to specify the performance completion date for a line item that is ordering a service.	
174	Month Ending	
	When used, cite the last date of the applicable month.	
276	Contract Start	
	The start date for a contract	
279	Contract Completion	

| | | | The finish date for a contract | | |
| | 368 | | Submittal | | |

Date an item was submitted to a customer

When the 1/REF/050 segment contains code TN in REF01, use to specify the date of the reference transaction set.

| | 373 | | Order Start | | |

Use to indicate the start of a period of performance.

| | 374 | | Order End | | |

Point after which data can no longer be used (or becomes invalid for use)

Use to indicate the end of a period of performance.

| | 994 | | Quote | | |

The date on which a (price) quote was rendered

When REF01 is code PR, use to indicate the date of the bid, quote or proposal.

| | 996 | | Required Delivery | | |

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

Use to indicate that delivery is required 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)
Specify time only in the HHMM format.

| **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.

	CD	Central Daylight Time
	CS	Central Standard Time
	CT	Central Time
	ED	Eastern Daylight Time
	ES	Eastern Standard Time
	ET	Eastern Time
	GM	Greenwich Mean Time
	LT	Local Time
	MD	Mountain Daylight Time
	MS	Mountain Standard Time
	MT	Mountain Time
	PD	Pacific Daylight Time
	PS	Pacific Standard 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

Use only when the date cannot be expressed in YYMMDD format. In that case, use any code and carry the date and/or time in DTM07.

Refer to 003040 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

When delivery is specified as a range of time for a given date, e.g., use code RTM in DTM06 to qualify a range of times for a delivery on March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

			Segment:	**LDT** Lead Time		

Segment:	**LDT** Lead Time
Position:	160
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	1 LDT04 is the effective date of lead time information.
Comments:	1 LDT02 is the quantity of unit of time periods.
Notes:	*1. Use this 1/LDT/160 segment when the required delivery schedule is expressed as a specified time period from a stated event. The 1/DTM/150 segment is used when the required delivery date is an actual date. If the DTM segment is used to provide a date, this segment is not used.*
	2. Use this 1/LDT/160 segment if the delivery schedule applies to all of the line items. If the delivery schedule varies by line item, use the 2/LDT/220 segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	LDT01	345	**Lead Time Code**		M	ID 2/2
			Code indicating the time range			
			A request has been submitted to ASC X12 to add code AY - From Date of Award to Date of Delivery. We expect this code will be available for use in ASC X12 Version/Release 3050.			
			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		
				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 contract communications number in the 1/PER/060 segment.		
			AZ	From Date of Receipt of Item to Date of Approval of Item		
Must Use	LDT02	380	**Quantity**		M	R 1/15
			Numeric value of quantity			
Must Use	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		
				Use to indicate a flexible time period, e.g., X number of days or less.		
			MO	Month		
			QY	Quarter of a Year		
			SA	Semiannual		
			WK	Weeks		
	LDT04	373	**Date**		O	DT 6/6
			Date (YYMMDD)			

Use to cite a date relevant to lead time code, for example, the start 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	
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.	
Notes:	*1. Use to provide a brief description of the supplies or services being ordered.*	
	2. Use is discouraged. Whenever possible, items should be described by successive iterations of 235/234 pairs in the PO1 segment or by a reference number. Use coded data whenever possible.	
	3. Use this 1/PID/190 segment to provide an overall description of the order that applies to all the 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.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type** Code indicating the format of a description	M	ID 1/1
			F Free-form		
Not Used	PID02	750	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic	O	ID 2/3
Not Used	PID03	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	X	ID 2/2
Not Used	PID04	751	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic	X	AN 1/12
	PID05	352	**Description** A free-form description to clarify the related data elements and their content	X	AN 1/80
Not Used	PID06	752	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	PID07	822	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier	O	AN 1/15
Not Used	PID08	1073	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response	O	ID 1/1

Segment:	**MEA** Measurements	
Position:	200	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	40	
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)	
Syntax Notes:	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA03 is present, then MEA04 is required.
	3	If MEA05 is present, then MEA04 is required.
	4	If MEA06 is present, then MEA04 is required.
	5	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	6	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.

Notes: *1. Use the 1/MEA/200 segment to provide measurements that apply to all of the line items. If measurements vary by line item, use the 2/MEA/049 segment.*

2. This segment can be used to provide any measurement applicable to the order including the variations in quantity; warranty periods; and for a requirements or indefinite quantity procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the maximum obligations of the government and contractor.

<div align="center">

Data Element Summary

</div>

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

Code identifying the broad category to which a measurement applies

Use any code.

BT	Batch Limits	

Limits set on test results from all product made for one unit or period of production

Use to indicate the limits of the government's obligation to order under a requirements or indefinite quantity procurement instrument. Do not use for a purchase order or delivery order.

CT	Counts	

Use to indicate variations in quantity when expressed as a discrete quantity. Use MEA05/06 to provide the quantity over and under.

DE	Defects	

Use to indicate a warranty period.

LT	Lot Limits	

Limits set on test results from all product contained in a single shipment (which may involve any multiple or fraction of transportation carrier units) to one customer

Use to indicate the limits of the contractor's obligation to deliver under a requirements or indefinite quantity procurement instrument. Do not use for a purchase order or delivery order.

PM	Permitted	

The condition or activity approved by the appropriate regulatory agency

Use to indicate that measurement values are applicable to the minimum and maximum quantity or dollar value permitted per order against an indefinite instrument. Use MEA05/06 to cite the minimum and maximum.

RG   Regulatory Limit

Use to specify the maximum the government may order from a requirements or indefinite quantity procurement instrument in a specified time period. A request has been submitted to ASC X12 to add a code for Order Limits. We expect this code to be available for use in ASC X12 Version/Release 3050. In the meantime, use this code. Do not use for purchase order or delivery order.

MEA02	738	**Measurement Qualifier**	O	**ID 1/3**

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

Use any code but the listed codes are preferred.

MX   Maximum

Use when MEA01 is either code BT or LT, use to indicate the maximum limit of the government's obligation to order or the contractor's obligation to deliver under a requirements or an indefinite quantity contract. When MEA01 is code RG, use to indicate the maximum amount that can be ordered from a requirements or indefinite quantity contract in a specified period of time.

PO   Percent of Order (-, +)

Expression of allowable variance of order expressed either as absolute (for example 92% to 110%) or relative percent (for example - 8% to + 10%)

Use to indicate the percent variation in quantity permitted for the line items. Use MEA05/06 to indicate the percent over and under.

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 MEA04-1.

MEA03	739	**Measurement Value**	X	**R 1/10**

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)

This composite data element can be used to specify the maximum amount that may be ordered during a specified period of time from a requirements or indefinite quantity contract. For example: if the maximum that can be ordered in a quarter is 10,000 each, then MEA01 would cite code RG, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-1 would cite code EA, and MEA04-4 would cite Q1.

Must Use	C00101	355	**Unit or Basis for Measurement Code**	M **ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. A conversion table may be required to convert agency codes to codes used

Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00103	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. A conversion table may be required to convert agency codes to codes used by ASC X12.
Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	C00105	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R 1/10

The value specifying the minimum of the measurement range

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.

2. When MEA01 is code PM, use to indicate the minimum quantity or dollar value for an order that can be placed against a requirements or indefinite quantity instrument.

	MEA06	741	**Range Maximum**	X	R 1/10

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 PM, use to indicate the maximum quantity or dollar value for an order that can be placed against a requirements or indefinite quantity instrument.

Not Used	MEA07	935	**Measurement Significance Code**	O	**ID 2/2**
			Code used to benchmark, qualify or further define a measurement value		
Not Used	MEA08	936	**Measurement Attribute Code**	X	**ID 2/2**
			Code used to express an attribute response when a numeric measurement value cannot be determined		
Not Used	MEA09	752	**Surface/Layer/Position Code**	O	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		
Not Used	MEA10	1373	**Measurement Method or Device**	O	**ID 2/4**
			The method or device used to record the measurement		

			Segment:	**PWK** Paperwork

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
Syntax Notes: 1   If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments: 1   PWK05 and PWK06 may be used to identify the addressee by a code number.
2   PWK07 may be used to indicate special information to be shown on the specified report.
3   PWK08 may be used to indicate action pertaining to a report.
Notes: *1. Use, as applicable, to indicate how technical documentation, drawings or specifications are being provided by the buying party or required by the buying party or required to be provided by the contractor and how that paperwork will be provided.*

2. Use this 1/PWK/210 segment when the information applies to all the line items. If the information varies by line item, use the 2/PWK/070 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PWK01	755	Report Type Code	M ID 2/2

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

A request has been submitted to ASC X12 to add codes for: Certified Cost and Price Data, Wage Determination, Union Agreement, Attachment, and Contract Security Classification Specification. We expect these codes to be available for use in ASC X12 Version/Release 3050.

23   Contractual Plan

Use to indicate a proposal. A request has been submitted to ASC X12 to add a code for Proposal. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

25   Purchase Plan

Use to indicate a make or buy plan.

35   Subcontractor Plan

C1   Cost Data Summary

Use to indicate cost and price data must be provided.

CP   Certificate of Compliance (Material Certification)

Use to indicate a Certificate of Conformance. When used, PWK04 should cite code PC.

CX   Cost/Schedule Status Report (C/SSR)

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 |

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

SN   Shipping Notice

SP   Specification

US   "BUY AMERICA" Certification of Compliance

PWK02   **756**   **Report Transmission Code**   **O**   **ID 2/2**

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

While any code can be used, Code EL is preferred when the indicated paperwork can be provided electronically using one of the ASC X12 transaction sets specifically designed for the purpose.

BM   By Mail

EL   Electronically Only

FX   By Fax

WS   With Shipment (With Package)

PWK03   **757**   **Report Copies Needed**   **O**   **N0 1/2**

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

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

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

1. Use to indicate the recipient of the paperwork if there is only one recipient and provide the address, if necessary, in the N1 loop. If there is more than one recipient, identify all recipients and their addresses in the N1 loop.

2. A request has been submitted to ASC X12 to add codes for Contracting Officer Representative, and Party to Receive Proposal. We expect these codes will be available for use in ASC X12 Version/Release 3050.

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		
		KF	Audit Office		
			The office performing the audit		
		KG	Project Manager		
			The address of the person responsible for the management of a designated project		
		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		

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

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

	1	D-U-N-S Number, Dun & Bradstreet
	10	Department of Defense Activity Address Code (DODAAC)
		Includes Civilian Agency Activity Address Code.
	33	Commercial and Government Entity (CAGE)

PWK06   67   **Identification Code**   X   AN 2/17

Code identifying a party or other code

PWK07   352   **Description**   O   AN 1/80

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

Use only if necessary to provide additional information or instructions related to a specified paperwork item. Use is discouraged.

PWK08   C002   **Actions Indicated**   O

Actions to be performed on the piece of paperwork identified

Must Use   **C00201**   704   **Paperwork/Report Action Code**   M   ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

	2	Report to be Filed

Use to indicate that the specified paperwork is required to be provided by the contractor.

	3	Complete

Use the information provided, add additional required data, distribute as indicated

Use to indicate that the specified paperwork is being provided by the buying activity in a separate medium or transaction set, but is a part of the order. Data maintenance has been submitted to ASC X12 asking for a code for Provided. If approved, that code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

Not Used   **C00202**   704   **Paperwork/Report Action Code**   O   ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   **C00203**   704   **Paperwork/Report Action Code**   O   ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	C00204	704	Paperwork/Report Action Code	O	ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	C00205	704	Paperwork/Report Action Code	O	ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Segment: # PKG Marking, Packaging, Loading

Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	1 At least one of PKG04 PKG05 or PKG06 is required.
	2 If PKG04 is present, then PKG01 is required.
	3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2 If PKG01 = ``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).
Notes:	*1. Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. When the packaging requirements vary by line item, use the 2/PKG/300 segment.*
	2. A request has been submitted to ASC X12 to add MIL-STD 2073-2C codes to ASC X12 standards. If approved, those codes will be available for use in ASC X12 Version/Release 3050 and they will be carried in PKG02/03/04. Until those codes are available, packaging information can be transmitted as a MIL-STD 2073-2C code string (as is currently done in a paper instrument) in PKG05. If additional packaging information is required to be provided to prospective bidders the N9 loop (code K7) can be used.
	3. Do not use when standard commercial packaging is acceptable.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
PKG01	349	Item Description Type	X	ID 1/1
		Code indicating the format of a description		
		F Free-form		
		Use when the packaging information is provided in free-form text.		
PKG02	753	Packaging Characteristic Code	O	ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described		
		A request has been submitted to ASC X12 to add MIL-STD 2073-2C packaging characteristic codes, e.g., CD - Cleaning/Drying Procedures, CT - Cushioning Thickness, etc. We expect those codes to be available in ASC X12 Version/Release 3050. In the meantime, use code 65 when providing MIL-STD 2073-2C code string in PKG05.		
		65 Core Characteristics		
		Use to indicate MIL-STD 2073-2C packaging codes. Cite the code string in PKG05.		
PKG03	559	Agency Qualifier Code	X	ID 2/2
		Code identifying the agency assigning the code values		
		DD Department of Defense		
		Responsible for Military Specification		
		GS General Services Administration (GSA)		

			ZZ	Mutually Defined		

Use to indicate an 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.

Not Used	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

	PKG05	352	Description	X	AN 1/80

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

Use to identify a string of MIL-STD 2073-2C packaging codes or to provide packaging information in free-form text. The MIL-STD 2073-2C code string uses a positional and sequential system. Coded data must appear in the sequence and the number of positions specified in Appendix F of MIL-STD 2073-1. Zeros shall be inserted in the code string for data that is not being provided. A comma (,) will be used as a delimiter between the data in the code string. Use of this data element is discouraged.

Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2

Code identifying loading or unloading a shipment

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	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, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*1. Use this 1/TD5/240 segment to specify the transportation method that is applicable to all of the line items. If the transportation method varies by line item, use the 2/TD5/250 segment.*
	2. Use the 1/TD5/390 when the transportation method code is the same for all the line items but is dependent upon the citing of a named party.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Not Used	TD501	133	**Routing Sequence Code**		O	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement			
	TD502	66	**Identification Code Qualifier**		X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			10	Department of Defense Activity Address Code (DODAAC)		
				When TD504 is code PL, use code 10 to indicate the number in TD503 is the DoDAAC of the pipeline.		
	TD503	67	**Identification Code**		X	AN 2/17
			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. A conversion table may be required to convert agency codes to codes used by ASC X12.			
			D	Parcel Post		
				Use to indicate the U.S. Postal Service and not a private carrier.		
Not Used	TD505	387	**Routing**		X	AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity			
Not Used	TD506	368	**Shipment/Order Status Code**		X	ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction			
Not Used	TD507	309	**Location Qualifier**		O	ID 1/2

			Code identifying type of location		
Not Used	TD508	310	**Location Identifier** Code which identifies a specific location	X	**AN 1/30**
Not Used	TD509	731	**Transit Direction Code** The point of origin and point of direction	O	**ID 2/2**
Not Used	TD510	732	**Transit Time Direction Qualifier** Code specifying the value of time used to measure the transit time	O	**ID 2/2**
Not Used	TD511	733	**Transit Time** The numeric amount of transit time	X	**R 1/4**
Not Used	TD512	284	**Service Level Code** Code defining service	X	**ID 2/2**

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

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

Position: 260
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:
1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.
Semantic Notes:
Comments:
Notes: *Use this 1/TD4/260 segment to provide hazardous material information that applies to all the line items. If the hazardous material varies by line items, use the 2/TD4/270 segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD401	152	**Special Handling Code**	X	ID 2/3

Code specifying special transportation handling instructions

HM	Endorsed as Hazardous Material
NC	Notify Consignee Before Delivery

Ref.	Data			
TD402	208	**Hazardous Material Code Qualifier**	X	ID 1/1

Code which qualifies the Hazardous Material Class Code (209)

A request for the following codes has been submitted to ASC X12: Storage Compatibility Group and Hazard Class or Division. We expect these codes to be available in ASC X12 Version/Release 3050.

D	Hazardous Materials ID, DOT

Ref.	Data			
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

Use is discouraged.

	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
	Syntax Notes:	

Semantic Notes:
1. 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.
2. 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:

Notes:

1. Use this 1/MAN/270 segment when marks and numbers apply to all of the line items. Use the 2/MAN/280 segment when the marks and numbers vary by line item.

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

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	MAN01	88	**Marks and Numbers Qualifier**		M ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			S	Entire Shipment	
			Use to indicate that the marks and numbers are applicable to all line items in the order.		
Must Use	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**		O ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			S	Entire Shipment	
			Use to indicate that the marks and numbers are applicable to all line items in the order.		
	MAN05	87	**Marks and Numbers**		O 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:			**N9** Reference Number	
Position:			290	
Loop:			N9 Optional	
Level:			Heading	
Usage:			Optional	
Max Use:			1	
Purpose:			To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:			1 At least one of N902 or N903 is required.	
			2 If N906 is present, then N905 is required.	
Semantic Notes:			1 N906 reflects the time zone which the time reflects.	
Comments:				
Notes:			*1. Use the 1/N9/290 segment to specify clauses, special instructions or other references which are applicable to all of the line items. Use the 2/N9/330 segment to specify similar information applicable to a line item.*	
			2. When an alternate section is relevant for a cited clause, concatenate the alpha/numeric alternate cite with the clause number in N902.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	

A request has been submitted to ASC X12 to add codes for Circular number, which will be used to specify an OMB Circular number, Special Instruction, and Federal Information Resources Management Regulation. We expect these codes to be available for use in ASC X12 Version/Release 3050.

73	Statement of Work (SOW)	
	Description of a product or service to be procured under a contract; statement of requirements	
CJ	Clause Number	

Use to indicate a purchasing activity generated clause or special provision not found in the FAR, DFARS, Agency acquisition regulation supplement, or FIRMR. Identify the source of the clause in N903.

DD	Document Identification Code	

Use to identify a Department of Labor wage determination.

DF	Defense Federal Acquisition Regulations (DFAR)	

Use to indicate a clause found in the DFARS.

DX	Department/Agency Number	

Use to indicate an agency clause and specify the agency in N903.

FA	Federal Acquisition Regulations (FAR)	
GS	General Services Administration Regulations (GSAR)	
K7	Paragraph Number	

Use to identify information for contractors, e.g., packaging information. 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. The 2/REF/100 segment can then be used to cite the reference when it is applicable to a line item.

KY — Site Specific Procedures, Terms, and Conditions

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

KZ — Master Solicitation Procedures, Terms, and Conditions

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

Use, if applicable, to indicate the master solicitation that contains applicable terms and conditions.

VB — Department of Veterans Affairs Acquisition Regulations (VAAR)

ZZ — Mutually Defined

Use to identify any other reference that cannot use a specific qualifier code. Indicate in N903 the source of the reference and use the following MSG segment for text, if necessary.

	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

Use is discouraged.

	N904	373	**Date**	O	DT 6/6

Date (YYMMDD)

Use to indicate the date of a clause, wage determination, or other reference. When the date is used it will be in YYMMDD format so a clause date should always end with the numeric 01 indicating the first day of the month. This rule is necessary to comply with ASC X12 syntax.

Not Used	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)

Not Used	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

Segment:	**MSG** Message Text			

Segment: **MSG** Message Text

Position: 300
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1   MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *1. Use this segment to carry the title and full text, if required, a special instruction, or other information associated with the number cited in N902.*

2. Use of this segment is discouraged.

Data Element Summary

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

Segment:	**N1** Name
Position:	310
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Notes:

1. Whenever possible, address information should be transmitted using code values contained in a combination of the N101, N103/04 data elements. Use N102 and the N2-N4 segments only when it is necessary to transmit the full address. For example, if a vendor can be identified by a DUNS number, it is not necessary to transmit the vendor's full address since the relationship between the DUNS number and the vendor's address can be established by accessing a data base in which the information is stored, having been put there at the time the vendor electronically registered as a federal government trading partner.

2. Use the 1/N1/310 loop to identify organizations or people that apply to all of the line items, or are not applicable at the line item level (e.g., ordering party, etc.). When the addresses vary by line item, use the 2/N1/350 loop.

3. At least 3 iterations of this segment are required using codes BY, PO and SE.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

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

A request has been submitted to ASC X12 to add additional codes for Contracting Officer Representative, Party Authorized to Definitize Contract Action, Government Furnished Property FOB Point, Party to Receive Proposal, and Transportation Office. We expect these codes will be available for use in ASC X12 Version/Release 3050.

28	Subcontractor
31	Postal Mailing Address

Use only when an actual mailing address is required, and 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 N2 segment, if necessary.

54	Order Writer

Individual who receives the product from the customer and prepares the repair order describing work to be performed

Use to indicate activities authorized to place orders against basic contracts, e.g., requirements, indefinite quantity, BPAs, BOAs, etc. Do not use for purchase orders or delivery orders.

88	Approver

Manufacturer's representative approving claim for payment

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

AE	Additional Delivery Address	

Use to indicate a shipment in-place location.

AG	Agent/Agency
BT	Bill-to-Party

Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the vendor receiving the order or other party receiving the order or a copy of the order, needs to receive this information.

BY	Buying Party (Purchaser)

Use to indicate the purchasing office or activity.

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

CP	Party to Receive Cert. of Compliance

Use to indicate the party to receive a Certificate of Conformance.

IC	Intermediate Consignee

Use to indicate a freight forwarder.

KE	Place of Performance

Use to specify a manufacturing facility other than the contractor's facility.

KX	Free on Board Point

Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination.

KY	Technical Office

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

L1	Inspection Location

Place where the item was viewed or inspected

Use to indicate the inspection location when it has to be described as a specific address rather than a location such as origin or destination.

MF	Manufacturer of Goods
MP	Manufacturing Plant

Use to indicate that the manufacturing facility is different from the contractor or contractor's mailing address.

OB	Ordered By

Use to identify the activity placing an order against a basic contract.

OH	Other Departments	

Use to indicate the Hazardous Materials Office. A request has been submitted to ASC X12 to add a code for this location. If approved it will be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

OI	Outside Inspection Agency	

Use to indicate the inspection agency is other than the Contract Administration Office.

PK	Party to Receive Copy	

Use this code to indicate the party receiving a solicitation. A request has been submitted to ASC X12 to add a code for this purpose. We expect it to be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

PL	Party to Receive Purchase Order	

Use to indicate entities other than the contractor that are to receive copies of the order.

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.

PZ	Party to Receive Equipment	

Name a party to receive the transfer of equipment

Use to indicate the requesting agency/activity. A request has been submitted to ASC X12 to add a code for Requester. We expect this code will be available for use in ASC X12 Version/Release 3060. In the meantime, use this code.

RC	Receiving Location	

Use to indicate a location where the material will be both inspected and accepted. A request has been submitted to ASC X12 to add a code for Inspection and Acceptance. We expect this code to be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

RI	Remit To	

Use to indicate the address to which payment should be sent if it is different from the contractor's mailing address, e.g., a bank, financial office location, etc.

SE	Selling Party	
SK	Secondary Location Address (SLA)	

Identifies a physical address location in which a telecommunications circuit terminates; this address is in addition to a main service address

Use to indicate a preliminary inspection location for a first article. A request has been submitted to ASC X12 to add a code for Preliminary Inspection Location. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

ST	Ship To	

Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, identify the FPO or APO in the N4 segment using

			N401 and N403.		
		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 a location where a service, e.g., grass cutting, will be performed.

		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

		ZZ	Mutually Defined

Use to identify the acceptance location when it cannot be described using a point such as origin or destination. Data maintenance has been submitted to ASC X12 asking for a code for Acceptance Point. If approved, the code will be available in ASC X12 Version/Release 3050.

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)

1. Use, when applicable, to identify the named party.

2. A request has been submitted to ASC X12 to add a code for Contractor Establishment Code. We expect this code to be available for use in the ASC X12 Version/Release 3050.

3. While Federal EDI will use the DUNS number, other numbers may be required for a period of transition in order to cross-reference existing data bases with new procurement actions.

		1	D-U-N-S Number, Dun & Bradstreet

Use of the DUNS or DUNS+4 is preferred over any other coded number to identify a named party.

		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Use of the DUNS or DUNS+4 is preferred over any other coded number to identify a named party.

		10	Department of Defense Activity Address Code (DODAAC)

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

		33	Commercial and Government Entity (CAGE)

Use to indicate vendors with CAGE codes.

		A2	Military Assistance Program Address Code (MAPAC)

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Use to indicate a MAPAC address.

		FA	Facility Identification

Use to indicate a vendor facility that cannot be identified by either a CAGE code or a DUNS number.

	N104	67	**Identification Code**	X	AN 2/17
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	**Entity Identifier Code**	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		

Segment: **N2** Additional Name Information

Position: 320
Loop: N1　　Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary

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

Segment: **N3** Address Information

Position:	330
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the party can be identified by a code value in N101/03/04.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	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 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Notes:
1. This segment is not necessary when the party can be identified by a code value in N101/03/04.

2. When identifying an APO/FPO, N401 carries the APO/FPO city name and N403 carries the ZIP code of the city.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
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 3/9
		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		
		A conversion table may be required to convert agency codes to ASC X12 codes.		
Not Used	N405	309	**Location Qualifier**	X ID 1/2
		Code identifying type of location		
Not Used	N406	310	**Location Identifier**	O AN 1/30
		Code which identifies a specific location		

Segment:	**REF** Reference Numbers
Position:	350
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. This 1/REF/350 segment can be used to establish distribution lists for named parties when applicable. Use of distribution lists reduces the need to repeat addresses in table 2.*
	2. Use this segment also to provide reference numbers associated with a delivery, i.e., when N101 is code ST.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	Reference Number Qualifier	M	ID 2/2

Code qualifying the Reference Number.

9B   Repriced Line Item Reference Number

1. Use to indicate a special price authorization number.

2. When used, code 1A may be used in PER01 in the 1/PER/360 segment and code SPC should be used in CTP02 in the 2/CTP/040 segment within the PO1 loop of the line items that are authorized a special price.

BM   Bill of Lading Number

Use to indicate a government bill of lading (GBL).

KC   Exhibit Distribution List

Qualifies a list of addressees to which the distribution of a cited contract exhibit must be made
Use to indicate a CDRL distribution list. Cite the distribution list number in REF02.

KK   Delivery Reference

Use to indicate a delivery (i.e., shipment) distribution list when there are multiple ship-to addresses but the list is the same for all line items. Cite the distribution list number in REF02.

	Ref. Des.	Data Element	Name	Attributes	
	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.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	REF03	352	Description	X	AN 1/80

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

PER Administrative Communications Contact

Segment:	
Position:	360
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/PER/360 segment to identify contacts not associated with an address.*

2. A request has been submitted to ASC X12 to add data element 443, Contact Inquiry Reference, at PER07. This data element will permit citing the title of the party identified in PER02. If approved, this data element will be available for use in ASC X12 Version/Release 3050.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	Contact Function Code	M ID 2/2

Code identifying the major duty or responsibility of the person or group named

Use to identify individuals who can be contacted regarding the order.

1A	Review/Repricing Contact

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

2. When used, the 1/REF/350 segment may be used to provide a special price authorization number by citing code 9B in REF01 and the 2/CTP/040 segment in the PO1 loop of the line items authorized the special price should be used citing code SPC in CTP02.

BD	Buyer Name or Department
CN	General Contact

When N101 is code ST, use to indicate the accepting official at destination.

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

PD	Project Director

Use to indicate the Investigator, i.e., the principal party working on a research effort. A request has been submitted to ASC X12 to add a code for Investigator (for research and development work). We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

RP	Responsible Person

When N101 is code C4, use to indicate the accepting official at origin.

		SU	Supplier Contact		

Use to indicate the selling party's point of contact.

PER02	93	Name		O	AN 1/35

Free-form name

Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.

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
		TE	Telephone

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

PER04	364	Communication Number		X	AN 1/80

Complete communications number including country or area code when applicable

When PER03 is code TE, include the area code.

PER05	365	Communication Number Qualifier		X	ID 2/2

Code identifying the type of communication number

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

		AU	Defense Switched Network

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

		EM	Electronic Mail
		EX	Telephone Extension

Use only if PER03 is used citing either code AU or TE.

		FX	Facsimile
		IT	International Telephone

Include the country code.

		TE	Telephone

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

PER06	364	Communication Number		X	AN 1/80

Complete communications number including country or area code when applicable

When PER05 is code TE, include the area code.

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

Position:	390
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	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, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*Use this 1/TD5/390 segment when the shipment method is applicable to a named entity and is the same for all the line items that will be shipped to that named entity. If the shipment method for the named entity varies by line item, use the 2/TD5/430 segment.*

<center>Data Element Summary</center>

	Ref. Des.	Data Element	Name	Attributes	
Not Used	TD501	133	**Routing Sequence Code**	O	**ID 1/2**
			Code describing the relationship of a carrier to a specific shipment movement		
	TD502	66	**Identification Code Qualifier**	X	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			10 Department of Defense Activity Address Code (DODAAC)		
			When TD504 is code PL, use code 10 to identify the number in TD503 as the DoDAAC of the pipeline.		
	TD503	67	**Identification Code**	X	**AN 2/17**
			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. A conversion table may be required to convert agency codes to codes used by ASC X12.		
			D Parcel Post		
			Use to indicate the U.S. Postal Service and not a private carrier.		
Not Used	TD505	387	**Routing**	X	**AN 1/35**
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
Not Used	TD506	368	**Shipment/Order Status Code**	X	**ID 2/2**
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
Not Used	TD507	309	**Location Qualifier**	O	**ID 1/2**
			Code identifying type of location		
Not Used	TD508	310	**Location Identifier**	X	**AN 1/30**
			Code which identifies a specific location		
Not Used	TD509	731	**Transit Direction Code**	O	**ID 2/2**

The point of origin and point of direction

Not Used	TD510	732	**Transit Time Direction Qualifier**	O	ID 2/2
			Code specifying the value of time used to measure the transit time		
Not Used	TD511	733	**Transit Time**	X	R 1/4
			The numeric amount of transit time		
Not Used	TD512	284	**Service Level Code**	X	ID 2/2
			Code defining service		

Segment:	**PO1** Baseline Item Data	
Position:	010	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify basic and most frequently used line item data	
Syntax Notes:	1 If PO103 is present, then PO102 is required.	
	2 If PO105 is present, then PO104 is required.	
	3 If PO106 is present, then PO107 is required.	
	4 If PO108 is present, then PO109 is required.	
	5 If PO110 is present, then PO111 is required.	
	6 If PO112 is present, then PO113 is required.	
	7 If PO114 is present, then PO115 is required.	
	8 If PO116 is present, then PO117 is required.	
	9 If PO118 is present, then PO119 is required.	
	10 If PO120 is present, then PO121 is required.	
	11 If PO122 is present, then PO123 is required.	
	12 If PO124 is present, then PO125 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.	
Notes:	*Use the 2/PO1/010 loop to specify all information related to a CLIN, SUBCLIN or ELIN. Each iteration of the PO1 loop will carry all the information related to the CLIN, SUBCLIN or ELIN cited in PO101.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO101	350	**Assigned Identification**	O AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set	
		Use to identify the CLIN, SUBCLIN or ELIN or other number identifying the line item.	
PO102	330	**Quantity Ordered**	X R 1/9
		Quantity ordered	
		1. Use to specify the quantity of the item being ordered. Step ladder quantities and related prices will be cited in the 2/CTP/040 segment.	
		2. Do not use this data element when quantities are specified at the SUBCLIN level.	
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. A conversion table may be required to convert agency codes to codes used by ASC X12.	
		SX Shipment	
		Use this code when PO101 is a line item for prepaid transportation charges. Use the 2/SAC/130 segment when no prepaid and add.	
PO104	212	**Unit Price**	X R 1/14
		Price per unit of product, service, commodity, etc.	

| PO105 | 639 | **Basis of Unit Price Code** | O | ID 2/2 |

Code identifying the type of unit price for an item

Use any code.

> TB   To be negotiated.
>
> *Use to indicate the cost of the item cited in PO101 is included in the cost of another, related item. For example, if this line item is for data or documentation, it might be "not separately priced." The cost of the data or documentation in that case could be included in the cost of the item itself. Data maintenance has been submitted to ASC X12 asking for a code value indicating Not Separately Priced. If approved, that code will be available for use in ASC X12 Version/Release 3050. Until a new code is approved, use this code.*

| PO106 | 235 | **Product/Service ID Qualifier** | O | 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. For example, PO106 will contain a qualifier code and PO107 will contain information related to the qualifying code. So, if PO106 is code FS then PO107 would carry the National Stock Number.

2. Any code can be used but listed codes are preferred.

3. Use as many codes as necessary to describe the ordered item. There is no need to use all the codes or even all of the applicable codes. Select from the code list the minimum set of codes and code values necessary to describe the item.

4. Data maintenance has been submitted to ASC X12 for the following additional codes: Exhibit Identifier, Data Category Code, Replacement National Stock Number, Item Type Number, Time Compliant Technical Order, Cognizance Symbol, Material Control code, Special Material Identification code, Item Management code, Shelf-Life code, and Shelf-Life Action code. If approved, these codes will be available for use in ASC X12 Version/Release 3050.

> A8   Exhibit Line Item Number
>
> The line item of a document referenced in and appended to a procurement instrument which establishes a delivery requirement
>
> AK   Refined Product Code
>
> CG   Commodity Grouping
>
> *Use to indicate a commodity code.*
>
> CH   Country of Origin Code
>
> CL   Color
>
> CN   Commodity Name
>
> F7   End-Item Description
>
> Item identifier describes an end-item associated with the use of the required material
>
> *Use to identify the end item, if applicable, to which the ordered item applies.*
>
> F8   Next Higher Used Assembly
>
> Item identifier describes the next higher assembly

associated with the use of the required material
Use to identify, if applicable, the next higher assembly to which the ordered item applies.

FS	National Stock Number	

The NSN shall be transmitted as a continuous set of numbers, and without the dashes.

FT   Federal Supply Classification

See Code Source 27 for the FSCs associated with this code.

KA   Engineering Data List

Use, if applicable, to indicate the list that contains the technical information related to the line item cited in PO101.

KB   Data Category Code

When PO101 is a CLIN or a SUBCLIN related to an exhibit, use to specify the data category of a CDRL.

LT   Lot Number

MF   Manufacturer

Use to identify a manufacturer (by name) who does not have a CAGE code. Use code ZB for a CAGE code.

MG   Manufacturer's Part Number

Use to specify the manufacturer's part number assigned to the ordered item.

MN   Model Number

MS   Military Specification (MILSPEC) Number

N1   National Drug Code in 4-4-2 Format

4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size

N2   National Drug Code in 5-3-2 Format

5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size

N3   National Drug Code in 5-4-1 Format

5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size

N4   National Drug Code in 5-4-2 Format

5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size

ND   National Drug Code (NDC)

PD   Part Number Description

Use to provide a text description of an item.

PI   Purchaser's Item Code

Use to provide a text description of an item that has no other assigned identification number.

PN   Company Part Number

PU   Part Reference Number

Often on a part or subassembly drawing there is a reference number shown that is not a part number but may refer to a set of notes for use in fabrication, assembly, or in repairing the item; it may refer to a physical location within the product, such as location of a particular part on a truck engine, or to a reference to a circuit location on an electronic assembly

Use to indicate a part number assigned by an industry (not tied to a specific manufacturer). Do not use for

			National Drug Codes.		
		PW	Part Drawing		
		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 an REF segment using qualifier code RS.

| | | SH | Service Requested | | |

A numeric or alphanumeric code from a list of services available to the customer

| | | SN | Serial Number | | |

Use to identify, if applicable, the serial number of the item cited in PO101. For example, if the solicitation is for the repair of a serial numbered aircraft engine.

| | | SR | Substitute Product Number | | |
| | | SV | Service Rendered | | |

Use to specify 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 the item being ordered.

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

A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit

| | | VP | Vendor's (Seller's) Part Number | | |

Use to identify a part number assigned by a selling party other than the manufacturer.

| | | ZB | Commercial and Government Entity (CAGE) Code | | |

A code that identifies a commercial contrator authorized to do business with the U.S. government
Use to identify a manufacturer.

PO107	234	**Product/Service ID**	X	**AN 1/30**
		Identifying number for a product or service		
PO108	**235**	**Product/Service ID Qualifier**	O	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.		
PO109	**234**	**Product/Service ID**	X	**AN 1/30**
		Identifying number for a product or service		
PO110	**235**	**Product/Service ID Qualifier**	O	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.		
PO111	**234**	**Product/Service ID**	X	**AN 1/30**
		Identifying number for a product or service		
PO112	**235**	**Product/Service ID Qualifier**	O	**ID 2/2**
		Code identifying the type/source of the descriptive number used in		

Product/Service ID (234)
Refer to 003040 Data Element Dictionary for acceptable code values.

PO113	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

PO114	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 003040 Data Element Dictionary for acceptable code values.

PO115	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

PO116	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 003040 Data Element Dictionary for acceptable code values.

PO117	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

PO118	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 003040 Data Element Dictionary for acceptable code values.

PO119	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

PO120	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 003040 Data Element Dictionary for acceptable code values.

PO121	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

PO122	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 003040 Data Element Dictionary for acceptable code values.

PO123	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

PO124	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 003040 Data Element Dictionary for acceptable code values.

PO125	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PO301	371	**Change Reason Code**	M ID 2/2
			Code specifying the reason for price or quantity change	
			AQ Alternate Quantity and Unit of Measure	
			Use to indicate that an item has an alternate quantity and unit of measurement with both being applicable to the solicited item. For example, the requirement might be for 10 sheets of steel of a certain dimension. Another way of describing the item could be in terms of its weight, such as 10,000 pounds of steel. This issue is related to the difference in order and billing units of measurement.	
			EV Estimated Quantity	
			Use to indicate the estimated quantity for a requirements or indefinite quantity instrument.	
Not Used	PO302	373	**Date** Date (YYMMDD)	O DT 6/6
Not Used	PO303	236	**Price Identifier Code** Code identifying pricing specification	X ID 3/3
Not Used	PO304	212	**Unit Price** Price per unit of product, service, commodity, etc.	O R 1/14
Not Used	PO305	639	**Basis of Unit Price Code** Code identifying the type of unit price for an item	X ID 2/2
Must Use	PO306	380	**Quantity** Numeric value of quantity	M R 1/15
Must Use	PO307	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
			1. Use any code.	
			2. A conversion table may be required to convert agency codes used by ASC X12.	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
Not Used	PO308	352	**Description** A free-form description to clarify the related data elements and their content	O AN 1/80

	Segment:	**CTP** Pricing Information
	Position:	040
	Loop:	PO1 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	25
	Purpose:	To specify pricing information

Syntax Notes:
1. If CTP04 is present, then CTP05 is required.
2. If CTP06 is present, then CTP07 is required.
3. If CTP09 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.

Notes:

1. Use this 2/CTP/040 segment to specify prices for step-ladder quautities of the line item cited in PO101 for a basic procurement instrument, e.g., a requirements or indefinite quantity contract.

2. Example of step-ladder pricing for ranges 1-10, 11-20, 21-30, 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

3. A request has been submitted to ASC X12 asking that the maximum use of this segment be increased from 25 to greater than 1 and to add data element 499, Condition Code, in order to specify a packaging level, protection level or delivery zone. If approved, these changes will be available for use in ASC X12 Version/Release 3050.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	CTP01	687	**Class of Trade Code**	O ID 2/2
			Code indicating class of trade	
	CTP02	236	**Price Identifier Code**	X ID 3/3
			Code identifying pricing specification	

1. Use to indicate the type of prices included in the order.

2. Data maintenance has been submitted to ASC X12 asking for the addition of codes for: packaging protection levels and packing levels. If approved, these codes will be available for use in ASC X12 Version/Release 3050.

ALT   Alternate Price

Use to indicate a lease-to-purchase price. Data maintenance has been submitted to ASC X12.

GOV   Government Price

Use to indicate the sale price to the government.

ICL   Unit Price Through Quantity

When specifying prices for different quantities, use to indicate the end of a quantity range.

MAX   Maximum Order Quantity Price

When specifying prices for different quantities, use to indicate the quantity above which the price will not

	PBQ		Unit Price Beginning Quantity		

When specifying prices for different quantities, use to indicate the beginning of a quantity range.

	SPC		Special Price		

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

2. When used, identify the authorizing party either in the 1/PER/360 or 2/PER/110 segment citing code 1A in PER01 and provide a special price authorization number either in the 1/REF/350 or 2/REF/100 segment citing code 9B in REF01.

3. DO NOT use CTP03 when this code is used.

	CTP03	212	**Unit Price**	O	R 1/14
			Price per unit of product, service, commodity, etc.		
	CTP04	380	**Quantity**	O	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 codes used by ASC X12.

Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	CTP06	648	**Price Multiplier Qualifier**	O	ID 3/3
			Code indicating the type of price multiplier		
Not Used	CTP07	649	**Multiplier**	X	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	CTP08	782	**Monetary Amount**	O	R 1/15
			Monetary amount		
Not Used	CTP09	639	**Basis of Unit Price Code**	O	ID 2/2
			Code identifying the type of unit price for an item		

Segment:	**MEA** Measurements
Position:	049
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2 If MEA03 is present, then MEA04 is required.
	3 If MEA05 is present, then MEA04 is required.
	4 If MEA06 is present, then MEA04 is required.
	5 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	6 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.
Notes:	*1. Use the 2/MEA/049 segment when measurements vary by line item. When measurements apply to all of the line items, use the 1/MEA/200 segment.*
	2. This segment can be used to provide any measurement applicable to the order including the variations in quantity; warranty periods; and for a requirements or indefinite quantity procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the maximum obligations of the government and contractor.

Data Element Summary

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

Code identifying the broad category to which a measurement applies

Use any code. Listed codes are preferred.

BT	Batch Limits

Limits set on test results from all product made for one unit or period of production

Use to indicate the limits of the government's obligation to order under requirements or indefinite quantity procurement instrument. Do not use for a purchase order or delivery order.

CT	Counts

Use to indicate variations in quantity when expressed as a discrete quantity. Use MEA05/06 to provide the quantity over and under.

DE	Defects

Use to indicate a warranty period.

LT	Lot Limits

Limits set on test results from all product contained in a single shipment (which may involve any multiple or fraction of transportation carrier units) to one customer

Use to indicate the limits of the contractor's obligation to deliver under a requirements or indefinite quantity procurement instrument. Do not use for a purchase order or delivery order.

PM	Permitted

The condition or activity approved by the appropriate
regulatory agency

*Use to indicate that measurement values are
applicable to the minimum and maximum quantity or
dollar value permitted per order against an indefinite
instrument. Use MEA05/06 to cite the minimum and
maximum.*

RG   Regulatory Limit

*Use to specify the maximum the government may
order from a requirements or indefinite quantity
procurement instrument in a specified time period. A
request has been submitted to ASC X12 to add a code
for Order Limits. We expect this code to be available
for use in ASC X12 Version/Release 3050. In the
meantime, use this code. Do not use for purchase
order or delivery order.*

MEA02   **738**   **Measurement Qualifier**   O   ID 1/3

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

*Use any code. Listed codes are to be used in accordance with their
accompanying notes.*

MX   Maximum

*Use when MEA01 is either code BT or LT, use to
indicate the maximum limit of the government's
obligation to order or the contractor's obligation to
deliver under a requirements or an indefinite quantity
contract. When MEA01 is code RG, use to indicate
the maximum amount that can be ordered from a
requirements or indefinite quantity contract in a
specified period of time.*

PO   Percent of Order (-, +)

Expression of allowable variance of order expressed
either as absolute (for example 92% to 110%) or
relative percent (for example - 8% to + 10%)

*Use to indicate the percent variation in quantity
permitted for the line items. Use MEA05/06 to
indicate the percent over and under.*

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 MEA04-1.*

MEA03   **739**   **Measurement Value**   X   R 1/10

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)

*This composite data element can be used to specify the maximum amount
that may be ordered during a specified period of time from a requirements or
indefinite quantity contract. For example: if the maximum that can be
ordered in a quarter is 10,000 each, then MEA01 would cite code RG,
MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-1 would cite
code EA, and MEA04-4 would cite Q1.*

Must Use   **C00101**   **355**   **Unit or Basis for Measurement Code**   M   ID 2/2

Code specifying the units in which a value is being expressed, or manner in
which a measurement has been taken

1. Use any code.

Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00103	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	C00105	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R 1/10

The value specifying the minimum of the measurement range

	MEA06	741	**Range Maximum**	X	R 1/10

The value specifying the maximum of the measurement range

Not Used	MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

| Not Used | MEA08 | 936 | Measurement Attribute Code | X | ID 2/2 |

Code used to express an attribute response when a numeric measurement value cannot be determined

| Not Used | MEA09 | 752 | Surface/Layer/Position Code | O | ID 2/2 |

Code indicating the product surface, layer or position that is being described

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

The method or device used to record the measurement

Segment:	**PID** Product/Item Description				

Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	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.
Notes:	*Use the 2/PID/050 segment when the information applies to a specific line item. Use the 1/PID/190 segment when the information applies to all the line items. Use is discouraged.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			F Free-form		
Not Used	PID02	750	**Product/Process Characteristic Code**	O	ID 2/3
			Code identifying the general class of a product or process characteristic		
Not Used	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	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, if necessary, to provide a brief description of the line item being ordered.		
Not Used	PID06	752	**Surface/Layer/Position Code**	O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
Not Used	PID07	822	**Source Subqualifier**	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	PID08	1073	**Yes/No Condition or Response Code**	O	ID 1/1
			Code indicating a Yes or No condition or response		

Segment:	**PWK** Paperwork		
Position:	070		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	25		
Purpose:	To identify the type and transmission of paperwork or supporting information		
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.		
Semantic Notes:			
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.		
	2 PWK07 may be used to indicate special information to be shown on the specified report.		
	3 PWK08 may be used to indicate action pertaining to a report.		

Notes: *1. Use to indicate how technical documentation, drawings or specifications, etc., applicable to a specific line item, are being provided by the buying party or required to be provided by the selling party. The segment also indicates how the paperwork is to be provided.*

2. Use the 2/PWK/070 segment to provide paperwork information that applies to a line item. If the paperwork information applies to all of the line items, use the 1/PWK/210 segment.

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Data Element Summary

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	Ref. Des.	Data Element	Name	Attributes
Must Use	PWK01	755	**Report Type Code**	M ID 2/2

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

A request has been submitted to ASC X12 to add codes for: Certified Cost and Price Data, Wage Determination, Union Agreement, Attachment, and Contract Security Classification Specification. We expect these codes to be available for use in ASC X12 Version/Release 3050.

C1	Cost Data Summary
	Use to indicate that the cost and price data is required.
CP	Certificate of Compliance (Material Certification)
	Use to indicate a Certificate of Conformance. When used, PWK04 should cite code PC.
CX	Cost/Schedule Status Report (C/SSR)
	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

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

KA   Contract Data Requirements List (CDRL)

Use to indicate that additional information will be provided relative to a CDRL being transmitted in this order.

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

SD   Support Data for a Request for Quote

Use to indicate that supporting technical documentation is either being provided by the buying party or required of the selling party.

US   "BUY AMERICA" Certification of Compliance

PWK02   756   Report Transmission Code   O   ID 2/2

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

While any 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.

BM   By Mail

EL   Electronically Only

FX   By Fax

WS   With Shipment (With Package)

PWK03   757   Report Copies Needed   O   N0 1/2

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

PWK04   98   Entity Identifier Code   O   ID 2/2

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

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

KF   Audit Office

The office performing the audit

			KG		Project Manager

KG   Project Manager

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

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

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

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

Use to indicate the recipient of the paperwork if there is only one recipient and provide the address, if necessary, in the N1 loop. If there is more than one recipient, identify all recipients and their addresses in the N1 loop.

1   D-U-N-S Number, Dun & Bradstreet

10   Department of Defense Activity Address Code (DODAAC)

33   Commercial and Government Entity (CAGE)

PWK06   **67**   **Identification Code**   **X**   **AN 2/17**

Code identifying a party or other code

PWK07   **352**   **Description**   **O**   **AN 1/80**

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

Use only if necessary to provide additional information or instructions related to a specific paperwork item. Use is discouraged.

PWK08   **C002**   **Actions Indicated**   **O**

Actions to be performed on the piece of paperwork identified

Must Use   **C00201**   **704**   **Paperwork/Report Action Code**   **M**   **ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

2   Report to be Filed

Use to indicate the identified paperwork is required to be provided by the contractor.

3   Complete

Use the information provided, add additional required data, distribute as indicated

Use to indicate the specified paperwork will be provided by the buying activity. A request has been submitted to ASC X12 to add a code for Provided. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

Not Used   **C00202**   **704**   **Paperwork/Report Action Code**   **O**   **ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   **C00203**   **704**   **Paperwork/Report Action Code**   **O**   **ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   **C00204**   **704**   **Paperwork/Report Action Code**   **O**   **ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   **C00205**   **704**   **Paperwork/Report Action Code**   **O**   **ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Segment:	**PO4** Item Physical Details			
Position:	090			
Loop:	PO1 Mandatory			
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item			
Syntax Notes:	1 If PO402 is present, then PO403 is required.			
	2 If PO405 is present, then PO406 is required.			
	3 If PO406 is present, then PO407 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.			

Notes:
1. Use this segment to specify the dimensions of the unit or intermediate container. In ASC X12 Version/Release 3050, this segment will be used to specify the number of items in a unit container, the number of unit containers in an intermediate container and the gross weight and cube of these containers. Until then, that information is contained in the MIL-STD 2073-2C code string at either the header or detail level.

2. A request has been submitted to ASC X12 to increase the maximum use of this segment to greater than one in order to pass dimensions of both a unit and intermediate container. If approved, this increase will be available in ASC X12 Version/Release 3050. In the meantime, dimensions of either a unit of intermediate container can be provided.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	PO401	356	**Pack**	O	N0 1/6
			Number of inner pack units per outer pack unit		
Not Used	PO402	357	**Size**	O	R 1/8
			Size of supplier units in pack		
Not Used	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		
	PO404	103	**Packaging Code**	O	AN 5/5
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material		

Use the appropriate 3 character part 1 code (PKG or UNT) and to comply with the X12 min/max attributes of this data element, use part 2 code 04. Part 2 code 04 should not be processed by the receiving application.

       PKG   Package

Use to indicate an intermediate container. A request has been submitted to ASC X12 to add a code for Intermediate container. If approved, this code will be available in ASC X12 Version/Release 3050. In the meantime, use this code.

			UNT	Unit		

Use to indicate a unit container.

04   As Specified by the DOT

Use this part 2 code with part 1 code PKG or UNT to comply with the X12 min/max attributes of this data element.

Not Used	PO405	187	**Weight Qualifier**	O	ID 1/2

Code defining the type of weight

Not Used	PO406	384	**Gross Weight per Pack**	X	R 1/9

Numeric value of gross weight per pack

Not Used	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

Not Used	PO408	385	**Gross Volume per Pack**	X	R 1/9

Numeric value of gross volume per pack

Not Used	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

	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

Use to indicate the interior depth of a container.

	PO413	355	**Unit or Basis for Measurement Code**	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. A conversion table may be required to convert agency codes to codes used by ASC X12.

Refer to 003040 Data Element Dictionary for acceptable code values.

Segment: # REF Reference Numbers

Position:	100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*Use this 2/REF/100 segment to identify reference numbers that vary by line item. When the reference numbers apply to all the line items in the order, use the 1/REF/050 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

Use any code. Listed codes are preferred.

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
*Use to indicate that the item is being solicited as part
of a foreign military sale.*

73   Statement of Work (SOW)

Description of a product or service to be procured under
a contract; statement of requirements
*Use to indicate the statement of work (SOW) number
or a number within the statement of work where
additional information can be found regarding the
line item. If the SOW is a part of the order, the PWK
segment can be used to indicate how it is being
transmitted to the selling party if not otherwise
included in the transaction set.*

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

9B   Repriced Line Item Reference Number

*1. Use to indicate a special price authorization
number.*

*2.   When used, code 1A should be used in PER01 in
the 2/PER/110 segment and code SPC should be used*

	in CTP02 in the 2/CTP/040 segment.
AH	Agreement Number
	Use to indicate a Union Agreement number.
AT	Appropriation Number
	Use to indicate accounting appropriation data. Cite the data as a literal string in REF03.
BL	Government Bill of Lading
BV	Purchase Order Line Item Identifier (Buyer)
C7	Contract Line Item Number
CT	Contract Number
DG	Drawing Number
EV	Receiver Identification Number
	A unique number identifying the organization/site location designated to receive the current transmitted transaction set
	Use to indicate the office or other symbol of the requiring office responsible for ensuring the adequacy of the technical data.
IJ	Standard Industry Classification (SIC) Code
	Use to identify the SIC code of the cited line item.
IL	Internal Order Number
	Use to indicate the requisition number (e.g., the MILSTRIP/FEDSTRIP document number).
IX	Item Number
	Use to indicate a Federal Supply Class (FSC) special item number.
K0	Approval Code
	Use to indicate the approval code on a CDRL. Codes associated with code K0 are found in code source 329.
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
	Use to indicate the surveillance criticality designator applicable to the line item.
K6	Purchase Description
K7	Paragraph Number
	Use to indicate a particular paragraph or section in an order that contains information applicable to a line item.
KC	Exhibit Distribution List
	Qualifies a list of addressees to which the distribution of a cited contract exhibit must be made
	Use to indicate an exhibit distribution list to which data items on the CDRL are to be delivered.
KK	Delivery Reference
	Use to indicate a Ship-To address list.
KS	Solicitation
	A discreet number assigned by the purchasing activity to differentiate between different solicitations
	Use to cite the solicitation number from which this line item was awarded.

KV	Distribution Statement Code	

Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.

LT	Lot Number
P4	Project Code

Use to indicate the project number applicable to this line item.

PH	Priority Rating

Use to indicate the MILSTRIP/FEDSTRIP priority rating.

PR	Price Quote Number
QC	Product Specification Document Number
	Model designation of replacement component
RQ	Purchase Requisition No.

Use, as appropriate, to indicate an internal number such as a purchase request or purchase request order number. When citing a purchase request number, concatenate its line item number with the purchase request number if it is necessary to transmit both numbers.

RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number

Use to indicate a specification other than a MILSPEC.

TG	Transportation Control Number (TCN)
TH	Transportation Account Code (TAC)
TN	Transaction Reference Number

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.

TP	Test Specification Number
W2	Weapon System Number
	Identifies a weapon system
XC	Cargo Control Number

Use to indicate the 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
ZF	Contractor Establishment Code (CEC)
	Goverment identifier to designate a contractor; it is nine characters, eight numeric and a final alpha
ZZ	Mutually Defined

Use to indicate another type of reference number. When used, identify the nature of the number in REF03. Examples of the numbers that can be included here (for which data maintenance has been requested from ASC X12) is: DD Form 250 Requirement Code, Military Standard Number, Technical Document Number, Technical Order

Number, Related Contract Line Item Number and Standard Number. If approved, these codes will be available in ASC X12 Version/Release 3050.

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 reference number has an associated revision number, suffix or extension, concatenate the reference and revision/suffix/extension number and carry the resultant number 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 the cited reference number.

2. Use is discouraged.

Segment:	**PER** Administrative Communications Contact

Position:	110
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/PER/360 segment to identify contacts not associated with an address.*
	2. A request has been submitted to ASC X12 to add data element 443, Contact Inquiry Reference, at PER07. This data element will permit citing the title of the party identified in PER02. If approved, this data element will be available for use in ASC X12 Version/Release 3050.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	Contact Function Code	M	ID 2/2

Code identifying the major duty or responsibility of the person or group named

    1A   Review/Repricing Contact

1. Use to indicate an individual who authorized a one time special price for the line item in this PO1 loop, e.g., a spot pricing reduction from an existing contract or catalog price. In this instance, PER02 MUST be used.

2. When used, cite a special price authorization number in the 2/REF/100 segment citing code 9B in REF01 and use the 2/CTP/040 segment citing code SPC in CTP02.

    AU   Report Authorizer

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

    NT   Notification Contact

Use to indicate the party to be contacted for shipping instructions. Use only when LDT01 in the 220 segment cites code AI.

    PI   Preparer

A firm, organization, or individual who determines the tax liability from information supplied by the taxpayer
Use to indicate the preparer of the Contract Data Requirements List.

    RE   Receiving Contact

Use to indicate the party to be contacted to schedule a shipment. Use only when LDT01 in the 2/LDT/220 segment cites code AI.

	PER02	93	Name	O	AN 1/35

Free-form name

Cite the last name first, followed by the first name. Do not truncate the last name if the whole name is longer than 35 characters. Instead, truncate or use the initial of the first name.

	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
		Include the country code.
TE		Telephone

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

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

AU		Defense Switched Network
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM		Electronic Mail
EX		Telephone Extension
		Use only if PER03 is used citing either code AU or TE.
FX		Facsimile
IT		International Telephone
		Include the country code.
TE		Telephone
		Use to indicate the commercial telephone number of the named party.

PER06   **364**   **Communication Number**   **X**   **AN 1/80**

Complete communications number including country or area code when applicable

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

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

Position: 130
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
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   SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to service, promotion, allowance or charge.
    SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
4   SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
5   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.

Notes: *Use the 2/SAC/130 segment to identify charges that apply to a line item. If the charges apply to all of the line items, use the 1/SAC/120 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator**	M	**ID 1/1**

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge
N	No Allowance or Charge

	Ref. Des.	Data Element	Name		Attributes
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	**ID 4/4**

Code identifying the service, promotion, allowance, or charge

Use any code.

Refer to 003040 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
Not Used	SAC03	559	**Agency Qualifier Code**	X	**ID 2/2**

Code identifying the agency assigning the code values

	Ref. Des.	Data Element	Name		Attributes
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	**AN 1/10**

Agency maintained code identifying the service, promotion, allowance, or charge

	Ref. Des.	Data Element	Name		Attributes
	SAC05	610	**Amount**	O	**N2 1/15**

			Monetary amount		
Not Used	SAC06	378	**Allowance/ Charge Percent Qualifier** Code indicating on what basis allowance or charge percent is calculated	X	ID 1/1
Not Used	SAC07	332	**Allowance or Charge Percent** Allowance or charge expressed as a percent.	X	R 1/6
Not Used	SAC08	359	**Allowance or Charge Rate** Allowance or Charge Rate per Unit	O	R 1/9
	SAC09	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 *A conversion table may be required to convert agency codes used by ASC X12.* Refer to 003040 Data Element Dictionary for acceptable code values.	X	ID 2/2
	SAC10	339	**Allowance or Charge Quantity** Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity *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.*	X	R 1/10
	SAC11	339	**Allowance or Charge Quantity** Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity	O	R 1/10
Not Used	SAC12	331	**Allowance or Charge Method of Handling Code** Code indicating method of handling for an allowance or charge	O	ID 2/2
Not Used	SAC13	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
Not Used	SAC14	770	**Option Number** A unique number identifying available promotion or allowance options when more than one is offered	O	AN 1/20
Not Used	SAC15	352	**Description** A free-form description to clarify the related data elements and their content	O	AN 1/80

Segment:	**IT8** Conditions of Sale
Position:	140
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify general conditions or requirements and to detail conditions for substitution of alternate products
Syntax Notes:	1 At least one of IT801 IT802 IT803 IT805 or IT807 is required.
	2 If IT808 is present, then IT809 is required.
	3 If IT810 is present, then IT811 is required.
	4 If IT812 is present, then IT813 is required.
	5 If IT814 is present, then IT815 is required.
	6 If IT816 is present, then IT817 is required.
	7 If IT818 is present, then IT819 is required.
	8 If IT820 is present, then IT821 is required.
	9 If IT822 is present, then IT823 is required.
	10 If IT824 is present, then IT825 is required.
	11 If IT826 is present, then IT827 is required.
Semantic Notes:	1 IT804 is the account number to which the purchase amount is to be charged.
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.
Notes:	*Use the 2/IT8/140 segment to specify special services/conditions that vary by line item. Use the 1/CSH/110 segment when the special services/conditions apply to all the line items.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IT801	563	Sales Requirement Code	X ID 1/2

Code to identify a specific requirement or agreement of sale

Data maintenance has been sent to ASC X12 asking for the addition of codes for: Restricted to Historically Black Colleges and Universities or Minority Institutions, Restricted to Educational Institutions, Restricted to Industrial Preparedness Program Participants, Restricted to Qualified Bidders List, Restricted to Qualified Manufacturers List, Restricted to Qualified Products List (QPL) Products, Restricted to U.S. and Canadian Sources, Other Unlisted Sales Condition, Unrestricted Procurement, and Restricted to Young Investigator Program. If approved, those codes will be available for use in ASC X12 Version/Release 3050.

P2	Ship As Soon As Possible
P4	Do Not Preship
SC	Ship Complete
	Use to indicate partial shipments will not be accepted.
SV	Ship Per Release
	Use to indicate that the line item is to be shipped in place.

Ref. Des.	Data Element	Name	Attributes
IT802	564	Do-Not-Exceed Action Code	X ID 1/1

Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)

Use any code.

Refer to 003040 Data Element Dictionary for acceptable code values.

	IT803	565	**Do-Not-Exceed Amount**	X	N2 2/9

Maximum monetary amount value which the order must not exceed.

Use to indicate a maximum amount to be paid, that if the vendor cannot sell for that price, the order need not be filled.

Not Used	IT804	508	**Account Number**	O	AN 1/35

Account number assigned

Not Used	IT805	596	**Required Invoice Date**	X	DT 6/6

Date specified by the sender to be shown on the invoice.

Not Used	IT806	559	**Agency Qualifier Code**	O	ID 2/2

Code identifying the agency assigning the code values

Not Used	IT807	566	**Product/Service Substitution Code**	X	ID 1/2

Code indicating product or service substitution conditions

Not Used	IT808	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT809	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT810	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT811	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT812	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT813	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT814	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT815	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT816	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT817	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT818	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT819	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT820	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT821	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT822	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT823	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

Not Used	IT824	235	**Product/Service ID Qualifier**	O	ID 2/2

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

Not Used	IT825	234	**Product/Service ID**	X	AN 1/30

Identifying number for a product or service

| Not Used | IT826 | 235 | **Product/Service ID Qualifier** | O | ID 2/2 |

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

| Not Used | IT827 | 234 | **Product/Service ID** | X | AN 1/30 |

Identifying number for a product or service

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

Position:	150
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify terms of sale
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.
Notes:	*Use this 2/ITD/150 segment when the discount terms vary by line item. If the discount applies to all of the line items, use the 1/ITD/130 segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ITD01	336	Terms Type Code	O	ID 2/2

Code identifying type of payment terms

	21	Fast Pay

Code indicating that an invoice is subject to accelerated payment

Use to indicate FAST PAY procedures are applicable.

Ref. Des.	Data Element	Name	Attributes	
ITD02	333	Terms Basis Date Code	O	ID 1/2

Code identifying the beginning of the terms period

Use the same code as the one indicated in ITD02 of the Contract Solicitation Response, 843 transaction set.

Refer to 003040 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes	
ITD03	338	Terms Discount Percent	O	R 1/6

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

ITD04	370	Terms Discount Due Date	X	DT 6/6

Date payment is due if discount is to be earned

ITD05	351	Terms Discount Days Due	X	N0 1/3

Number of days in the terms discount period by which payment is due if terms discount is earned

ITD06	446	Terms Net Due Date	O	DT 6/6

Date when total invoice amount becomes due

ITD07	386	Terms Net Days	O	N0 1/3

Number of days until total invoice amount is due (discount not applicable)

ITD08	362	Terms Discount Amount	O	N2 1/10

Total amount of terms discount

Use, if needed, to prevent differences that can result from rounding off methods.

ITD09	388	Terms Deferred Due Date	O	DT 6/6

Date deferred payment or percent of invoice payable is due

ITD10	389	Deferred Amount Due	X	N2 1/10

Deferred amount due for payment

ITD11	342	Percent of Invoice Payable	X	R 1/5

Amount of invoice payable expressed in percent

| Not Used | ITD12 | 352 | **Description** | | O | AN 1/80 |

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

| | ITD13 | 765 | **Day of Month** | | X | N0 1/2 |

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

| Not Used | ITD14 | 107 | **Payment Method Code** | | O | ID 1/1 |

Code identifying type of payment procedures

| | ITD15 | 954 | **Percent** | | O | R 1/10 |

Percentage expressed as a decimal

Segment: # DIS Discount Detail

Position: 160
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the exact type and terms of various discount information
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use this segment to identify promotional quantity or volume discount information applicable to the line item.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DIS01	653	Discount Terms Type Code	M ID 3/3

Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.
Use the same code as provided in the Contract Solicitation Response, 843 transaction set.
Refer to 003040 Data Element Dictionary for acceptable code values.

Must Use	DIS02	654	Discount Base Qualifier	M ID 2/2

Code to define unit of discount, i.e., dollars, cases, alternate products, etc.
Use the same code as provided in the Contract Solicitation Response, 843 transaction set.
Refer to 003040 Data Element Dictionary for acceptable code values.

Must Use	DIS03	655	Discount Base Value	M R 1/10

A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount

Must Use	DIS04	656	Discount Control Limit Qualifier	M ID 2/3

Code to define the units of the limits for determining discount
Use the same code as provided in the Contract Solicitation Response, 843 transaction set.
Refer to 003040 Data Element Dictionary for acceptable code values.

Must Use	DIS05	657	Discount Control Limit	M N0 1/10

Amount or time minimum for application of the discount.

	DIS06	658	Upper Discount Control Limit	O N0 1/10

Amount or time maximum for application of the discount.

Segment:	**FOB** F.O.B. Related Instructions
Position:	180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying the title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	*1. Use this 2/FOB/180 segment to identify the FOB point and acceptance location when they vary by line item. If the FOB point and acceptance location apply to all the line items, use the 1/FOB/080 segment.*
	2. Do not use when the line item is for a service.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M ID 2/2

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)
Use to indicate that the FOB point is origin.

PE	Prepaid and Summary Bill	

Use to indicate that the shipping costs are authorized to be prepaid and added to an invoice.

PP	Prepaid (by Seller)	

Use to indicate that the FOB point is destination.

	FOB02	309	**Location Qualifier**	X ID 1/2

Code identifying type of location

1. Use to identify the FOB point.

2. A request has been submitted to ASC X12 to add codes for Port of Embarkation, Port of Loading, and Government Furnished Property FOB Point. We expect these codes will be available for use in ASC X12 Version/Release 3050.

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 a freight forwarder.

OR	Origin (Shipping Point)	
ZZ	Mutually Defined	

	FOB03	352	**Description**		O	AN 1/80

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

Use to identify the FOB point only when FOB02 is code ZZ. If necessary, use one iteration of the N1 loop, using code KX in N101, to specify the address of the FOB point. Use is discouraged.

Not Used	FOB04	334	**Transportation Terms Qualifier Code**		O	ID 2/2

Code identifying the source of the transportation terms

Not Used	FOB05	335	**Transportation Terms Code**		X	ID 3/3

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

	FOB06	309	**Location Qualifier**		X	ID 1/2

Code identifying type of location

Use to identify the acceptance point.

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

Use to identify the acceptance point when it is neither origin nor destination. When used, cite the actual acceptance point in FOB07. If the actual acceptance point is an address or geographic location, use in conjunction with the appropriate N1 loop, using code ZZ in N101.

	FOB07	352	**Description**		O	AN 1/80

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

Use to identify the acceptance point when FOB06 is code ZZ. If necessary, use one iteration of the N1 loop, using code ZZ in N101, to specify the address of the acceptance point. Use is discouraged.

Not Used	FOB08	54	**Risk of Loss Qualifier**		O	ID 2/2

Code specifying where responsibility for risk of loss passes

Not Used	FOB09	352	**Description**		X	AN 1/80

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

Segment:	**SDQ** Destination Quantity
Position:	190
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	500
Purpose:	To specify destination and quantity detail

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

Notes: *Use this 2/SDQ/190 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 CAGE code, a DUNS number, a DoDAAC or a MAPAC.*

<div align="center">Data Element Summary</div>

	Ref. Des.	Data Element	Name		Attributes
Must Use	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 any code.		
			2. A conversion table may be required to convert agency codes to codes used by ASC X12.		
			Refer to 003040 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)		
			1	D-U-N-S Number, Dun & Bradstreet	
				Use of the DUNS or DUNS+4 is preferred over any other coded number to identify a named party.	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
				Use of the DUNS or DUNS+4 is preferred over any other coded number to identify a named party.	
			10	Department of Defense Activity Address Code (DODAAC)	
				Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.	
			33	Commercial and Government Entity (CAGE)	
				Use to indicate vendors with CAGE codes.	
			A2	Military Assistance Program Address Code (MAPAC)	
				Contained in the Military Assistance Program Address	

Use to indicate a MAPAC address.

Must Use	SDQ03	67	**Identification Code**	M	**AN 2/17**
			Code identifying a party or other code		
Must Use	SDQ04	380	**Quantity**	M	**R 1/15**
			Numeric value of quantity		
	SDQ05	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ06	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ07	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ08	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ09	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ10	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ11	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ12	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ13	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ14	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ15	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ16	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ17	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ18	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ19	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ20	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ21	67	**Identification Code**	O	**AN 2/17**
			Code identifying a party or other code		
	SDQ22	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SDQ23	310	**Location Identifier**	O	**AN 1/30**
			Code which identifies a specific location		

	Segment:	**DTM** Date/Time Reference

Position:	210
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 2/DTM/210 segment to specify a required delivery date when it is expressed as an actual date. If the required delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/220 segment.*
	2 Use this 2/DTM/210 segment to specify dates that apply to a line item. Use the 1/DTM/150 segment to specify date that apply to all of the line items.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3

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

002	Delivery Requested
	Use when an unpriced order is issued. The date cited in DTM02 is assumed to be the estimated date when delivery is desired.
037	Ship Not Before
063	Do Not Deliver After
064	Do Not Deliver Before
065	1st Schedule Delivery
066	1st Schedule Ship
077	Requested for Delivery (Week of)
	When this code is used, cite the beginning date of the week.
106	Required By
	Use to indicate delivery is due exactly on the specified date.
150	Service Period Start
	Use to specify the performance commencement date for a line item that is ordering a service.
151	Service Period End
	Use to specify the performance completion date for a line item that is ordering a service.
174	Month Ending
	When this code is used, cite the last date of the month.
275	Approved
	Date report was approved by contractor representative
	Use to indicate the approval date of a Contract Data Requirements List (CDRL).
368	Submittal
	Date an item was submitted to a customer
	When the 2/REF/100 segment cites code TN in REF01, use to specify the date of the referenced

			transaction set.		
	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 (CDRL).		
	600		As Of		
			Use to indicate the "as of" date for the submission of data.		
	601		First Submission		
			Use to indicate the date of the first submission of a data item specified by Contract Data Requirements List (CDRL).		
	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 (CDRL).		
	994		Quote		
			The date on which a (price) quote was rendered		
			When REF01 is code PR, use to indicate the date of the bid, quote, or proposal.		
	996		Required Delivery		
			A date on which or before, ordered goods or services must be delivered		
			Use to indicate that delivery is required 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)

	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 Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	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

Use only when the date cannot be expressed in YYMMDD format. In that case, use any code and carry the date and/or time in DTM07.
Refer to 003040 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

When delivery is specified as a range of time for a given date, e.g., use code RTM in DTM06 to qualify a range of times for a delivery on March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

			Segment:	**LDT** Lead Time

Segment: **LDT** Lead Time
Position: 220
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1   LDT04 is the effective date of lead time information.
Comments: 1   LDT02 is the quantity of unit of time periods.
Notes: *1. Use this 2/LDT/220 segment when the delivery schedule is expressed as a set time period after the occurrence of some event and varies by line item. If the delivery schedule applies to all of the items, use the 1/LDT/160 segment.*

2. A request has been submitted to ASC X12 to move this segment to a new location and create a loop that includes the QTY and MSG segments and an embedded LM/LQ loop. This loop will provide the capability of specifying multiple delivery schedules (e.g., commence delivery X days after receipt of the order, deliver a specified quantity for a given time period, change the quantity and/or time period for the delivery, etc.) for an individual line item and also provide the frequency of delivery for a data item on a Contract Data Requirements List. If approved this loop will be available for use in ASC X12 Version/Release 3050. Until then, the LDT segment can only specify a single delivery schedule for a specified quantity which must be carried as a separate SUBCLIN.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	Lead Time Code	M ID 2/2

Code indicating the time range

A request has been submitted to ASC X12 to add the following codes: From Date of Latest Delivery to Final Delivery, From Date of Previous Delivery to Subsequent Delivery, From Date of Award to Date of Latest Delivery, From Date of Award to Date of Earliest Delivery, From Date of Award to Date of Completion, and From Date of Award to Date of Delivery. We expect these codes to be available in ASC X12 Version/Release 3050.

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

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.

AZ	From Date of Receipt of Item to Date of Approval of Item

Must Use	LDT02	380	Quantity	M R 1/15

Numeric value of quantity

Must Use	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		
			Use to indicate a flexible time period, e.g., X number of days or less.		
		MO	Month		
		QY	Quarter of a Year		
		SA	Semiannual		
		WK	Weeks		
LDT04	**373**	**Date**		**O**	**DT 6/6**
		Date (YYMMDD)			

SCH Line Item Schedule

Segment: SCH Line Item Schedule

Position:	230
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To specify the data for scheduling a specific line-item
Syntax Notes:	1 If SCH03 is present, then SCH04 is required.
	2 If SCH09 is present, then SCH08 is required.
Semantic Notes:	1 SCH12 is the schedule identification.
Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:	*1. Use this 2/SCH/230 segment to describe a partial delivery when it can be specified as an actual date.*
	2. If the ship-to addresses differ by line item, use the 2/SCH/415 segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	SCH01	380	**Quantity** Numeric value of quantity	M	R 1/15
Must Use	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 *1. Use any code.* *2. A conversion table may be required to convert agency codes to codes used by ASC X12.* Refer to 003040 Data Element Dictionary for acceptable code values.	M	ID 2/2
Not Used	SCH03	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	O	ID 2/2
Not Used	SCH04	93	**Name** Free-form name	X	AN 1/35
Must Use	SCH05	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	M	ID 3/3

002	Delivery Requested
	Use when an unpriced order is issued. The date cited in DTM02 is assumed to be the estimated date when delivery is desired.
037	Ship Not Before
063	Do Not Deliver After
064	Do Not Deliver Before
065	1st Schedule Delivery
066	1st Schedule Ship
077	Requested for Delivery (Week of)
	When this code is used, cite the beginning date of the week.
106	Required By
	Use to indicate delivery is due exactly on the specified date.
174	Month Ending
	When this code is used, cite the last date of the month.
996	Required Delivery
	A date on which or before, ordered goods or services

must be delivered

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

Must Use	SCH06	373	**Date**	M	**DT 6/6**

Date (YYMMDD)

Not Used	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)

	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 an unpriced order is issued. The date cited in DTM02 is assumed to be the estimated date when delivery is desired.

063   Do Not Deliver After

064   Do Not Deliver Before

065   1st Schedule Delivery

066   1st Schedule Ship

077   Requested for Delivery (Week of)

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

106   Required By

Use to indicate delivery is due exactly on the specified date.

174   Month Ending

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

996   Required Delivery

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

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

	SCH09	373	**Date**	O	**DT 6/6**

Date (YYMMDD)

Not Used	SCH10	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)

Not Used	SCH11	326	**Request Reference Number**	O	**AN 1/45**

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)

Not Used	SCH12	350	**Assigned Identification**	O	**AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

	Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
	Position:	250
	Loop:	PO1 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	12
	Purpose:	To specify the carrier and sequence of routing and provide transit time information
	Syntax Notes:	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, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
	Notes:	*1. Use this 2/TD5/250 segment to specify the transportation method that is applicable to a line item. Use the 1/TD5/240 segment if the transportation method applies to all of the items.*
		2. Use the 2/TD5/430 segment when the transportation method applies to a line item and is dependent upon the citing of a named party.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	TD501	133	**Routing Sequence Code**	O ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement	
	TD502	66	**Identification Code Qualifier**	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			10 Department of Defense Activity Address Code (DODAAC)	
			When TD504 is code PL, use code 10 to identify the number in TD503 as the DoDAAC of the pipeline.	
	TD503	67	**Identification Code**	X AN 2/17
			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. A conversion table may be required to convert agency codes to codes used by ASC X12.	
			3. Use code D - Parcel Post to indicate the U.S. Postal Service and not a private carrier.	
			D Parcel Post	
			Use to indicate the U.S. Postal Service and not a private carrier.	
Not Used	TD505	387	**Routing**	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	TD506	368	**Shipment/Order Status Code**	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	

Not Used	TD507	309	**Location Qualifier** Code identifying type of location	O	ID 1/2
Not Used	TD508	310	**Location Identifier** Code which identifies a specific location	X	AN 1/30
Not Used	TD509	731	**Transit Direction Code** The point of origin and point of direction	O	ID 2/2
Not Used	TD510	732	**Transit Time Direction Qualifier** Code specifying the value of time used to measure the transit time	O	ID 2/2
Not Used	TD511	733	**Transit Time** The numeric amount of transit time	X	R 1/4
Not Used	TD512	284	**Service Level Code** Code defining service	X	ID 2/2

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

Position:	270
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	
Notes:	*Use this 2/TD4/270 segment to provide hazardous material information that varies by line items. If the hazardous material information applies to all the line items, use the 1/TD4/260 segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD401	152	**Special Handling Code**	X	ID 2/3
		Code specifying special transportation handling instructions		
		HM Endorsed as Hazardous Material		
		NC Notify Consignee Before Delivery		
TD402	208	**Hazardous Material Code Qualifier**	X	ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)		
		A request for the following codes has been submitted to ASC X12: Storage Compatibility Group and Hazard Class or Division. We expect these codes to be available in ASC X12 Version/Release 3050.		
		D Hazardous Materials ID, DOT		
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		
		Use is discouraged.		

Segment:	**MAN** Marks and Numbers

Position: 280
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes:
Semantic Notes:

1. 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.
2. 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:
Notes:

1. Use this 2/MAN/280 segment to provide marks and numbers that vary by line item. If the marks and numbers apply to all of the line items, use the 1/MAN/270 segment.

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	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	
Must Use	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	O ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			L Line Item Only	
	MAN05	87	Marks and Numbers	O 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:	**AMT** Monetary Amount

Segment: **AMT** Monetary Amount
Position: 290
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use this segment to specify the total amount of the line item.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			1 Line Item Total	
Must Use	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	

Segment:	**PKG** Marking, Packaging, Loading
Position:	300
Loop:	PKG Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	1 At least one of PKG04 PKG05 or PKG06 is required.
	2 If PKG04 is present, then PKG01 is required.
	3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2 If PKG01 = ``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).
Notes:	*1. Use this 2/PKG/300 segment if the packaging information applies to a line item. If the packaging information applies to all the line items, use the 1/PKG/220 segment.*
	2. A request has been submitted to ASC X12 to add MIL-STD 2073-2C codes to ASC X12 standards. If approved, those codes will be available for use in ASC X12 Version/Release 3050 and they will be carried in PKG02/03/04. Until those codes are available, packaging information can be transmitted as a MIL-STD 2073-2C code string (as is currently done in a paper instrument) in PKG05. If additional packaging information is required to be provided to prospective bidders the N9 loop (code K7) can be used.
	3. Do not use when standard commercial packaging is acceptable.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	349	**Item Description Type**	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		Use when the packaging information is provided in free-form text.	
PKG02	753	**Packaging Characteristic Code**	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		A request has been submitted to ASC X12 to add MIL-STD 2073-2C packaging characteristic codes, e.g., CD - Cleaning/Drying Procedures, CT - Cushioning Thickness, etc. We expect those codes to be available in ASC X12 Version/Release 3050. In the meantime, use code 65 when providing MIL-STD 2073-2C code string in PKG05.	
		65 Core Characteristics	
		Use to indicate MIL-STD 2073-2C packaging codes. Cite the code string in PKG05.	
PKG03	559	**Agency Qualifier Code**	O ID 2/2
		Code identifying the agency assigning the code values	
		DD Department of Defense	
		Responsible for Military Specification	
		GS General Services Administration (GSA)	
		Responsible for Federal Specification	

			ZZ	Mutually Defined		

Use to indicate an 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.

Not Used	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

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

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

Use to identify a string of MIL-STD 2073-2C packaging codes or to provide packaging information in free-form text. The MIL-STD 2073-2C code string uses a positional and sequential system. Coded data must appear in the sequence and the number of positions specified in Appendix F of MIL-STD 2073-1. Zeros shall be inserted in the code string for data that is not being provided. A comma (,) will be used as a delimiter between the data in the code string. Use of this data element is discouraged.

Not Used	PKG06	400	**Unit Load Option Code**	X	**ID 2/2**

Code identifying loading or unloading a shipment

Segment:	**N9** Reference Number
Position:	330
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
Comments:	
Notes:	*1. Use the 2/N9/330 loop to specify clauses, special instructions, or other references which are applicable to a line item.*
	2. When an alternate section is relevant for a cited clause, concatenate the alpha/numeric alternate cite with the clause number in N902.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

A request has been submitted to ASC X12 to add codes for Circular number, which will be used to specify an OMB Circular number, Special Instruction, and Federal Information Resources Management Regulation. We expect these codes to be available for use in ASC X12 Version/Release 3050.

73	Statement of Work (SOW)
	Description of a product or service to be procured under a contract; statement of requirements
CJ	Clause Number

Use to indicate a purchasing activity generated clause or special provision not found in the FAR, DFARS, Agency acquisition regulation supplement, or FIRMR. Identify the source of the clause in N903.

DD	Document Identification Code

Use to indicate a Department of Labor wage determination.

DF	Defense Federal Acquisition Regulations (DFAR)

Use to indicate a clause found in the DFARS.

DX	Department/Agency Number

Use to indicate an agency clause and specify the agency in N903.

FA	Federal Acquisition Regulations (FAR)
GS	General Services Administration Regulations (GSAR)
K7	Paragraph Number

Use to identify information for contractors, e.g., packaging information. 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. The 2/REF/100 segment can then be used to cite the reference when it is applicable to a line item.

			KT	Request for Quotation Reference

A discrete number assigned for identification purposes
to a request for quotation

*Use to indicate another type of reference number
applicable to the solicitation. This number is not the
RFQ number (which is found in BQT02). Indicate the
source of the reference in N903 and provide, if
necessary, the text of the item in the following MSG
segment.*

| | | | KY | Site Specific Procedures, Terms, and Conditions |

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

| | | | KZ | Master Solicitation Procedures, Terms, and Conditions |

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

*Use, if applicable, to indicate the master solicitation
that contains applicable terms and conditions.*

| | | | VB | Department of Veterans Affairs Acquisition Regulations (VAAR) |
| | | | ZZ | Mutually Defined |

*Use to identify any other reference that cannot use a
specific qualifier code. Indicate in N903 the source of
the reference and use the following MSG segment for
text, if necessary.*

	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

Use is discouraged.

| | N904 | 373 | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

*Use to indicate the date of a clause, wage determination, or other reference.
When the date is used it will be in YYMMDD format so a clause date should
always end with the numeric 01 indicating the first day of the month. This
rule is necessary to comply with ASC X12 syntax.*

| Not Used | 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)

| Not Used | 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

		Segment:	**MSG** Message Text
		Position:	340
		Loop:	N9 Optional
		Level:	Detail
		Usage:	Optional
		Max Use:	1000
		Purpose:	To provide a free form format that would allow the transmission of text information.
		Syntax Notes:	
		Semantic Notes:	
		Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
		Notes:	*1. Use this segment to carry the title and full text, if required, a special instruction, or other information associated with the number cited in N902.*
			2. Use of this segment is discouraged.

Data Element Summary

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

Segment:	**N1** Name	
Position:	350	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:		*1. Whenever possible, address information should be transmitted using code values contained in a combination of the N101, N103/04 data elements. Use N102 and the N2-N4 segments only when it is necessary to transmit the full address. For example, if a vendor can be identified by a DUNS number, it is not necessary to transmit the vendor's full address since the relationship between the DUNS number and the vendor's address can be established by accessing a data base in which the information is stored, having been put there at the time the vendor electronically registered as a federal government trading partner.*

2. Use the 2/N1/350 loop to identify organizations or people that vary by line item. If the organizations or people apply to all of the line items, use the 1/N1/310 loop.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/2

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

A request has been submitted to ASC X12 to add additional codes for Contracting Officer Representative Party Authorized to Definitize Contract Action, Government Furnished Property FOB Point, Party to Receive Proposal, and Transportation Office. We expect these codes will be available for use in ASC X12 Version/Release 3050.

28	Subcontractor
31	Postal Mailing Address

Use only when an actual mailing address is required, and 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 N2 segment, if necessary.

61	Performed At

The facility where work was performed

Use to indicate a preliminary inspection location for a first article. A request has been submitted to ASC X12 to add a code for Preliminary Inspection Location. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

88	Approver

Manufacturer's representative approving claim for

payment

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

AE   Additional Delivery Address

Use to indicate a shipment in-place location.

BT   Bill-to-Party

Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the vendor receiving the order or other party receiving the order or a copy of the order, needs to receive this information.

BY   Buying Party (Purchaser)

Use to indicate the purchasing office or activity.

CP   Party to Receive Cert. of Compliance

Use to indicate the party to receive a Certificate of Conformance.

DZ   Delivery Zone

Area where the product was delivered

Use to indicate a geographic area to which deliveries are to be made under an indefinite delivery or requirements contract. Specify the zone in N104 (1,2,3,etc.) and identify the state or countries in the zone in N405/06. A separate SUBCLIN must be established for each item that will be delivered to a specific zone.

IC   Intermediate Consignee

Use to indicate a freight forwarder.

KE   Place of Performance

KX   Free on Board Point

Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination.

KY   Technical Office

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

L1   Inspection Location

Place where the item was viewed or inspected

Use to indicate the inspection location when it has to be described as a specific address rather than a location such as origin or destination.

MF   Manufacturer of Goods

MP   Manufacturing Plant

Use to indicate the manufacturing facility, if different from the contractor or contractor's mailing address.

OB   Ordered By

OH   Other Departments

Use to indicate the Hazardous Materials Office. A request has been submitted to ASC X12 to add a code for this location. If approved it will be available for use in ASC X12 Version/Release 3050. Until that

		time, use this code.
OI	Outside Inspection Agency	
		Use to indicate the inspecting 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 (CDRL).
PO	Party to Receive Invoice for Goods or Services	
		Use to indicate where the invoice should be mailed.
PZ	Party to Receive Equipment	
	Name a party to receive the transfer of equipment	
		Use to indicate the requesting agency/activity. A request has been submitted to ASC X12 to add a code for Requester. We expect this code will be available for use in ASC X12 Version/Release 3060. In the meantime, use this code.
RC	Receiving Location	
		Use to indicate a location where the material will be both inspected and accepted. A request has been submitted to ASC X12 to add a code for Inspection and Acceptance. We expect this code to be available for use in ASC X12 Version/Release 3050. Until that time, use this code.
SK	Secondary Location Address (SLA)	
	Identifies a physical address location in which a telecommunications circuit terminates; this address is in addition to a main service address	
		Use to indicate a preliminary inspection location for a first article. A request has been submitted to ASC X12 to add a code for Preliminary Inspection Location. We expect this code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.
ST	Ship To	
		Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, identify the FPO or APO in the N4 segment using N401 and N403.
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.
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	
ZZ	Mutually Defined	
		Use to identify the acceptance location when it cannot be described using a point such as origin or destination. Data maintenance has been submitted to

	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)

1. Use, when applicable, to identify the named party.

2. A request has been submitted to ASC X12 to add a code for Contractor Establishment Code. We expect this code to be available for use in the ASC X12 Version/Release 3050.

3. While Federal EDI will use the DUNS number, other numbers may be required for a period of transition in order to cross-reference existing data bases with new procurement actions.

    1   D-U-N-S Number, Dun & Bradstreet

Use of the DUNS or DUNS+4 is preferred over any other coded number to identify a named party.

    9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Use of the DUNS or DUNS+4 is preferred over any other coded number to identify a named party.

    10   Department of Defense Activity Address Code (DODAAC)

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

    33   Commercial and Government Entity (CAGE)

Use to indicate vendors with CAGE codes.

    A2   Military Assistance Program Address Code (MAPAC)

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Use to indicate a MAPAC address.

    FA   Facility Identification

Use to indicate a vendor facility that cannot be identified by either a CAGE code or a DUNS number.

    ZN   Zone

Use to identify a delivery zone when N101 is code DZ. Specify the zone in N104, e.g., 1, 2, 3, etc.

	N104	67	**Identification Code**	X	AN 2/17

Code identifying a party or other code

Not Used	N105	706	**Entity Relationship Code**	O	ID 2/2

Code describing entity relationship

Not Used	N106	98	**Entity Identifier Code**	O	ID 2/2

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

Segment:	**N2** Additional Name Information

Position:	360
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary

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

Segment:	**N3** Address Information
Position:	370
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	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 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*
	2. When identifying an APO/FPO, N401 carries the APO/FPO city name and N403 carries the ZIP code of the city.
	3. A request has been submitted to ASC X12 to increase the maximum use of this segment to greater than 1 to accommodate specifying multiple states or countries in a delivery zone. We expect this maximum use to be available in ASC X12 Version/Release 3050.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
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 3/9
		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		
		A conversion table may be required to convert agency codes to codes used by ASC X12.		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		CC Country		
		When N101 is code DZ, if applicable, use to indicate a country in the delivery zone.		
		SP State/Province		
		When N101 is code DZ, if applicable, use to indicate a state or province in the delivery zone.		
N406	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

Segment:	**REF** Reference Numbers
Position:	390
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*Use this segment to specify reference numbers associated with a delivery, i.e., when N101 is code ST.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	REF01	128	Reference Number Qualifier		M ID 2/2
			Code qualifying the Reference Number.		
			AX	Government Accounting Class Reference Number (ACRN)	
			IL	Internal Order Number	
				Use to indicate the requisition (MILSTRIP) document number.	
			TG	Transportation Control Number (TCN)	
	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.		
Not Used	REF03	352	Description		X AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment:	**PER** Administrative Communications Contact

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	M ID 2/2

Code identifying the major duty or responsibility of the person or group named

    CN   General Contact

            When N101 is code ST, use to indicate the accepting official at destination.

    RP   Responsible Person

            When N101 is code C4, use to indicate the accepting official at origin.

	PER02	93	**Name**	O AN 1/35

Free-form name

Cite the last name first, followed by the first name. Do not truncate the last name if the whole name is longer than 35 characters. Instead, truncate or use the initial of the first name.

	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

    TE   Telephone

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

	PER04	364	**Communication Number**	X AN 1/80

Complete communications number including country or area code when applicable

When PER03 is code TE, include the area code.

	PER05	365	**Communication Number Qualifier**	X ID 2/2

Code identifying the type of communication number

Use to specify a second communication number for the party cited PER02. For example, if PER03/04 cites the commercial telephone number, then PER05/06 can be used to cite an electronic mail number.

    AU   Defense Switched Network

            Department of Defense telecommunications system and successor of the Automatic Voice Network

		(AUTOVON)	
	EM	Electronic Mail	
	EX	Telephone Extension	

Use only if PER03 is used citing either code AU or TE.

	FX	Facsimile	
	IT	International Telephone	
	TE	Telephone	

PER06   **364**   **Communication Number**   **X**   **AN 1/80**

Complete communications number including country or area code when applicable

	Segment:	**SCH** Line Item Schedule
	Position:	415
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	200
	Purpose:	To specify the data for scheduling a specific line-item
	Syntax Notes:	1 If SCH03 is present, then SCH04 is required.
		2 If SCH09 is present, then SCH08 is required.
	Semantic Notes:	1 SCH12 is the schedule identification.
	Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.
	Notes:	*Use the 2/SCH/415 segment to describe a partial delivery when it can be specified as an actual date and the ship-to address differs by line item. If a single ship-to address was identified in the 1/N1/310 loop, use the 2/SCH/230 segment.*

<div align="center">Data Element Summary</div>

	Ref. Des.	Data Element	Name	Attributes
Must Use	SCH01	380	**Quantity** Numeric value of quantity	M R 1/15
Must Use	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 *1. Use any code.* *2. A conversion table may be required to convert agency codes to codes used by ASC X12.* Refer to 003040 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	SCH03	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	O ID 2/2
Not Used	SCH04	93	**Name** Free-form name	X AN 1/35
Must Use	SCH05	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	M ID 3/3

	002	Delivery Requested
		Use when an unpriced order is issued. Assumed to be an estimated date.
	037	Ship Not Before
	063	Do Not Deliver After
	064	Do Not Deliver Before
	065	1st Schedule Delivery
	066	1st Schedule Ship
	077	Requested for Delivery (Week of)
		When this code is used, cite the beginning date of the week.
	106	Required By
		Use to indicate delivery is due exactly on the specified date.
	174	Month Ending
		When this code is used, cite the last date of the month.
	996	Required Delivery
		A date on which or before, ordered goods or services must be delivered
		Use to indicate that delivery is required on or before

Must Use	SCH06	373	Date	M	DT 6/6

Date (YYMMDD)

Not Used	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)

	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 an unpriced order is issued. Assumed to be an estimated date.

		077	Requested for Delivery (Week of)

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

		106	Required By

Use to indicate delivery is due exactly on the specified date.

		174	Month Ending

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

		996	Required Delivery

A date on which or before, ordered goods or services must be delivered
Use to indicate that delivery is required on or before the specified date.

	SCH09	373	Date	O	DT 6/6

Date (YYMMDD)

Not Used	SCH10	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)

	SCH11	326	**Request Reference Number**	O	AN 1/45

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)
Use, as applicable, to cross-reference to cited line item, for example, to an RFQ or requisition number.

Not Used	SCH12	350	Assigned Identification	O	AN 1/11

Alphanumeric characters assigned for differentiation within a transaction set

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

Position:	430
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	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, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*Use the 2/TD5/430 segment when the transportation method is applicable to a named entity for a line item. If the transportation method is not dependent on the citing of a named party but varies by line item, use the 2/TD5/250 segment.*

<div align="center">Data Element Summary</div>

	Ref. Des.	Data Element	Name		Attributes	
Not Used	TD501	133	**Routing Sequence Code**		O	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement			
	TD502	66	**Identification Code Qualifier**		X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			10	Department of Defense Activity Address Code (DODAAC)		
				When TD504 is code PL, use code 10 to indicate the number in TD503 is the DoDAAC of the pipeline.		
	TD503	67	**Identification Code**		X	AN 2/17
			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. A conversion table may be required to convert agency codes to codes used by ASC X12.			
			3. Use code D to indicate the U.S. Postal Service and not a private carrier.			
			D	Parcel Post		
				Use to indicate the U.S. Postal Service and not a private carrier.		
Not Used	TD505	387	**Routing**		X	AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity			
Not Used	TD506	368	**Shipment/Order Status Code**		X	ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction			
Not Used	TD507	309	**Location Qualifier**		O	ID 1/2
			Code identifying type of location			
Not Used	TD508	310	**Location Identifier**		X	AN 1/30
			Code which identifies a specific location			

Not Used	TD509	731	**Transit Direction Code**	O	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	**Transit Time Direction Qualifier**	O	ID 2/2
			Code specifying the value of time used to measure the transit time		
Not Used	TD511	733	**Transit Time**	X	R 1/4
			The numeric amount of transit time		
Not Used	TD512	284	**Service Level Code**	X	ID 2/2
			Code defining service		

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
			Enter the total number of PO1 segments contained in this transaction set.		
	CTT02	347	**Hash Total**	O	R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
			Example:		
			-.0018 First occurrence of value being 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.		
			CTT02 is the sum of the value of quantities ordered (PO102) for each PO1 segment. Never use to carry an operational amount.		
Not Used	CTT03	81	**Weight**	O	R 1/10
			Numeric value of weight		
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	CTT05	183	**Volume**	O	R 1/8
			Value of volumetric measure		
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	CTT07	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	AMT01	522	**Amount Qualifier Code**	M	ID 1/2
			Code to qualify amount		
			TT Total Transaction Amount		
Must Use	AMT02	782	**Monetary Amount**	M	R 1/15
			Monetary amount		

			Segment:	**SE** Transaction Set Trailer

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).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Enter the same number cited in ST02.	

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