

810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) 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 billing for goods and services provided.

Notes:

1. Use this transaction set to transmit a public voucher from either a contractor or a Department of Defense (DoD) organization authorized to certify payment to a Federal Government activity responsible for making the payment.

2. Use a single occurrence of this transaction to invoice or provide adjustments for one or more deliveries or service performances, provided to the Federal Government on one or more shipments.

3. Use to transmit public voucher data only from one invoice preparing party to one invoice receiving party.

4. This Implementation Convention is based on converting the Standard Form (SF) 1034A Public Voucher to EDI.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
5	010	ST	Transaction Set Header	M	1		
6	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	100		
9	040	CUR	Currency	O	1		
12	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
Not Used	060	PER	Administrative Communications Contact	O	3		
						200	
14	070	N1	Name	O	1		
18	080	N2	Additional Name Information	O	2		
19	090	N3	Address Information	O	2		
20	100	N4	Geographic Location	O	1		
21	110	REF	Reference Identification	O	12		
23	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		

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26	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1
29	140	DTM	Date/Time Reference	O	10
Not Used	150	FOB	F.O.B. Related Instructions	O	1
Not Used	160	PID	Product/Item Description	O	200
31	170	MEA	Measurements	O	40
Not Used	180	PWK	Paperwork	O	25
Not Used	190	PKG	Marking, Packaging, Loading	O	25
Not Used	200	L7	Tariff Reference	O	1
Not Used	212	BAL	Balance Detail	O	>1
Not Used	213	INC	Installment Information	O	1
Not Used	214	PAM	Period Amount	O	>1
LOOP ID - LM					10
Not Used	220	LM	Code Source Information	O	1
Not Used	230	LQ	Industry Code	M	100
LOOP ID - N9					1
Not Used	240	N9	Reference Identification	O	1
Not Used	250	MSG	Message Text	M	10
LOOP ID - V1					>1
Not Used	260	V1	Vessel Identification	O	1
Not Used	270	R4	Port or Terminal	O	>1
Not Used	280	DTM	Date/Time Reference	O	>1
LOOP ID - FA1					>1
33	290	FA1	Type of Financial Accounting Data	O	1
34	300	FA2	Accounting Data	M	>1

Detail:

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LOOP ID - IT1						200000	
36	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
Not Used	015	QTY	Quantity	O	5		n1
Not Used	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
41	040	TXI	Tax Information	O	10		
43	050	CTP	Pricing Information	O	25		
46	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
LOOP ID - PID						1000	
49	060	PID	Product/Item Description	O	1		
Not Used	070	MEA	Measurements	O	10		
Not Used	080	PWK	Paperwork	O	25		
Not Used	090	PKG	Marking, Packaging, Loading	O	25		
Not Used	100	PO4	Item Physical Details	O	1		
51	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		

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54	120	REF	Reference Identification	O	>1
Not Used	125	YNQ	Yes/No Question	O	10
Not Used	130	PER	Administrative Communications Contact	O	5
Not Used	140	SDQ	Destination Quantity	O	500
56	150	DTM	Date/Time Reference	O	10
Not Used	160	CAD	Carrier Detail	O	>1
Not Used	170	L7	Tariff Reference	O	>1
Not Used	175	SR	Requested Service Schedule	O	1
LOOP ID - SAC					25
58	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1
61	190	TXI	Tax Information	O	10
LOOP ID - SLN					1000
63	200	SLN	Subline Item Detail	O	1
Not Used	205	DTM	Date/Time Reference	O	1
68	210	REF	Reference Identification	O	>1
70	220	PID	Product/Item Description	O	1000
Not Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25
Not Used	235	TC2	Commodity	O	2
72	237	TXI	Tax Information	O	10
LOOP ID - N1					200
74	240	N1	Name	O	1
76	250	N2	Additional Name Information	O	2
77	260	N3	Address Information	O	2
78	270	N4	Geographic Location	O	1
Not Used	280	REF	Reference Identification	O	12
Not Used	290	PER	Administrative Communications Contact	O	3
Not Used	295	DMG	Demographic Information	O	1
LOOP ID - LM					10
Not Used	300	LM	Code Source Information	O	1
Not Used	310	LQ	Industry Code	M	100
LOOP ID - V1					>1
Not Used	320	V1	Vessel Identification	O	1
Not Used	330	R4	Port or Terminal	O	>1
Not Used	340	DTM	Date/Time Reference	O	>1
LOOP ID - FA1					>1
79	350	FA1	Type of Financial Accounting Data	O	1
80	360	FA2	Accounting Data	M	>1

Summary:

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82	010	TDS	Total Monetary Value Summary	M	1		
83	020	TXI	Tax Information	O	10		

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Not Used	030	CAD	Carrier Detail	O	1	
Not Used	035	AMT	Monetary Amount	O	>1	
						25
LOOP ID - SAC						
85	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
88	050	TXI	Tax Information	O	10	
						>1
LOOP ID - ISS						
Not Used	060	ISS	Invoice Shipment Summary	O	1	
Not Used	065	PID	Product/Item Description	O	1	
90	070	CTT	Transaction Totals	O	1	n2
91	080	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.
2. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		Transaction Set Identifier Code	M ID 3/3
				Code uniquely identifying a Transaction Set	
				810 Invoice	
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	
				<i>Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.</i>	

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes:

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments: 1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	BIG01	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			<i>Use to identify the date the transaction set was created. In the context of a public voucher, this date will represent the date of the voucher.</i>	
Must Use	BIG02	76	Invoice Number	M AN 1/22
			Identifying number assigned by issuer	
			<i>Use to uniquely identify the public voucher transaction to an issuer. The public voucher number may not be duplicated by an issuer in an original transaction (BIG08, code 00) within a 12 month period. Same number can be used if issuing an amended invoice (BIG08 is code 01, 05, or 07).</i>	
	BIG03	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
			<i>Cite the date of the award instrument in BIG04.</i>	
Must Use	BIG04	324	Purchase Order Number	O AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			<i>Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration (GSA) Schedules and all other basic contracts), Basic Purchasing Agreement (BPA) number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number (PIIN) for DoD or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in BIG05. This number shall be transmitted without dashes.</i>	

	BIG05	328	Release Number	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
			<i>Use to indicate the requisition number, release, call, or delivery order against a basic award instrument. This can be the Supplemental Procurement Instrument Identification Number (SPIIN) for DoD. Associated date will appear in 1/DTM/140 code 373.</i>	
	BIG06	327	Change Order Sequence Number	O AN 1/8
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
			<i>Use, as applicable, to identify a modification number to the instrument in BIG05. If BIG05 is blank, use the PIIN in BIG04.</i>	
Must Use	BIG07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			CV Cost Voucher	
				A regular of normal invoice in which the demand for payment is made incurred costs
				<i>Use to indicate a Public Voucher.</i>
			RA Request for Credit	
				<i>Use to indicate a credit public voucher.</i>
Must Use	BIG08	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
				<i>Use to indicate the initial submission of an original public voucher or a replacement public voucher for one that was cancelled but which has a new number assigned.</i>
			01 Cancellation	
				<i>Use to indicate the cancellation of a previously submitted public voucher.</i>
			05 Replace	
				<i>Use to indicate a replacement public voucher using the same public voucher number as a previously submitted public voucher. When used, the replacement public voucher will overwrite the original public voucher in the receiving data base.</i>
			07 Duplicate	
				<i>Use to indicate a duplicate submission.</i>
	BIG09	306	Action Code	O ID 1/2
			Code indicating type of action	
			51 Complete	
			59 Partial Release	
			A1 Certified in total	

810V - Invoice (Public Voucher)

AR Advanced Payment

F Final

Use to indicate the final invoice. Do not use for partial invoices.

PJ Progress Payment

PV Provisional Payment

Not Used BIG10

76

Invoice Number

O AN 1/22

Identifying number assigned by issuer

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

Semantic Notes:

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

Notes: 1. *Use this 1/CUR/040 segment to identify the currency in which payment is requested if in other than US dollars.*

2. *When requesting payment in other than US dollars, cite code 7E in CUR01 and the requested payment currency in CUR02. No exchange rate is required for the payment currency.*

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	CUR01	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		7E Party Authorized to Definitize Contract Action	
			<i>Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.</i>
		BY Buying Party (Purchaser)	
			<i>Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.</i>
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 in which payment is requested.

Not Used	CUR03	280	Exchange Rate	<input type="radio"/> R 4/10
			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	<input type="radio"/> ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
Not Used	CUR05	100	Currency Code	<input type="radio"/> ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
Not Used	CUR06	669	Currency Market/Exchange Code	<input type="radio"/> ID 3/3
			Code identifying the market upon which the currency exchange rate is based	
Not Used	CUR07	374	Date/Time Qualifier	<input checked="" type="checkbox"/> ID 3/3
			Code specifying type of date or time, or both date and time	
Not Used	CUR08	373	Date	<input type="radio"/> DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR09	337	Time	<input type="radio"/> 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	<input checked="" type="checkbox"/> ID 3/3
			Code specifying type of date or time, or both date and time	
Not Used	CUR11	373	Date	<input checked="" type="checkbox"/> DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR12	337	Time	<input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> ID 3/3
			Code specifying type of date or time, or both date and time	
Not Used	CUR14	373	Date	<input checked="" type="checkbox"/> DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR15	337	Time	<input checked="" type="checkbox"/> 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	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	CUR18	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	CUR19	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR20	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	CUR21	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:
Notes: *Use this I/REF/050 segment to identify reference numbers that apply to the entire transaction.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		<ol style="list-style-type: none"> 1. Use, as applicable, to identify the shipment number, replacement shipment number and final shipment indicator. 2. Use, as applicable, to identify additional reference numbers such as the customer reference number, etc., applicable to the cited party. 	
		72	Schedule Reference Number Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks
		FS	Final Sequence Number <i>Use to indicate the suffix letter associated with a final shipment number for contract payments (use the letter "Z" to indicate final shipment). When used for Grant payment requests use the suffix letter of "F" to denote final payment request.</i>
		IK	Invoice Number Manufacturer's invoice number for vehicle/component <i>Use to indicate the vendor's internal invoice number.</i>
		K5	Task Order
		SI	Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment

Use to identify the shipment number.

W1	Disposal Turn-In Document Number Identifies material submitted for reutilization and marketing
ZZ	Mutually Defined

Use to indicate Advance, Reimbursement or Both.

	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **N1** Name
Position: 070
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 and N103/4 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a contractor can be identified by a DUNS number, it is not necessary to transmit the contractor's full address since the relationship between the DUNS number and the contractor's address can be established by accessing a data base in which the information is stored, having been put there at the time the contractor electronically registered as a federal government trading partner.*
 2. *At least 3 iterations of this 1/N1/070 loop are required using codes PE and BT and either PO or PR.*
 3. *Use to identify a ship-to addressee when the invoice contains multiple line items and the address is applicable to all line items. Use the 2/N1/240 loop when the invoice or the ship-to address varies among the line items.*
 4. *Use the 1/N1/070 loop to identify organizations or people that apply to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/240 loop.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BT Bill-to-Party	<i>Use to indicate the bill-to-office. This will be used to indicate the buying organization.</i>
		BY Buying Party (Purchaser)	
		C4 Contract Administration Office	Established at either a contractor facility or in a

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

Use to indicate the contract administration officer.

II	Issuer of Invoice <i>Use to indicate the sender of the invoice in Defense Fuels Supply Center (DFSC) transactions.</i>
KX	Free on Board Point <i>Use to indicate the FOB site.</i>
PE	Payee <i>Use to indicate the party submitting the invoice.</i>
PO	Party to Receive Invoice for Goods or Services <i>Use to indicate the agency, organization, or activity that is to receive the electronic invoice. Use to indicate the Defense Contract Audit Agency (DCAA).</i>
PR	Payer <i>Use to indicate the paying officer. Use to indicate Defense Finance and Accounting Service (DFAS).</i>
RE	Party to receive commercial invoice remittance <i>Use to indicate the remittance if other than the issuer of the invoice for Defense Fuels Supply Center (DFSC) transactions.</i>
RI	Remit To <i>Use to indicate a specific remit-to address when multiple remit-to addresses were provided as a part of the trading partner registration process. Do not use when only a single remit-to address was provided as a part of the registration process or when vendor has not registered.</i>
SE	Selling Party <i>Use to indicate the selling party for Defense Fuel Supply Center (DFSC) transactions.</i>
SF	Ship From <i>Use to indicate the shipped from address.</i>
ST	Ship To <i>Use to indicate the address to which an item must be shipped. If the ship-to address is a Fleet Post Office (FPO) or Army Post Office (APO), cite the FPO or APO zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco)</i>

				<i>in N406.</i>
		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 <i>Use to indicate a location where a service, e.g., data entry, was performed.</i>
	N102	93	Name	X AN 1/60
			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
				<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases.</i>
		1	D-U-N-S Number, Dun & Bradstreet	<i>Use in all transmissions to identify the DUNS number of the invoicing party (N101 is code PE). Use in other iterations of the NI loop with the appropriate N101 codes to identify Government activities or other contractor locations.</i>
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	<i>Use to indicate the parties when DUNS+4 is appropriate.</i>
		10	Department of Defense Activity Address Code (DODAAC)	<i>Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.</i>
		21	Health Industry Number (HIN)	
		33	Commercial and Government Entity (CAGE)	<i>Use to indicate vendors with CAGE codes.</i>
		91	Assigned by Seller or Seller's Agent	<i>Use to indicate unique identification established by the seller.</i>
		92	Assigned by Buyer or Buyer's Agent	<i>Use to indicate unique identification established by the buyer.</i>
		A2	Military Assistance Program Address Code (MAPAC)	Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

				<i>Use to indicate a MAPAC address.</i>	
			FA	Facility Identification	
				<i>Use to identify the vendor facility that cannot be identified by either a DODAAC, CAGE, or DUNS number.</i>	
			FI	Federal Taxpayer's Identification Number	
			ZZ	Mutually Defined	
Must Use	N104	67	Identification Code		X AN 2/80
			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 2/3
			Code identifying an organizational entity, a physical location, property or an individual		

Segment: **N2** Additional Name Information
Position: 080
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:

Data Element Summary

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

Segment: **N3** Address Information
Position: 090
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: **N4 Geographic Location**
Position: 100
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 U.S. or Canada.

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
N401	19 City Name Free-form text for city name	O AN 2/30
N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26 Country Code Code identifying the country <i>An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	O ID 2/3
N405	309 Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).</i>	X ID 1/2
N406	310 Location Identifier Code which identifies a specific location <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

Segment: **REF** Reference Identification

Position: 110
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.

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

Comments:

Notes: *This 1/REF/110 segment can be used to identify numbers that apply to either the cited party or all of the line items. When the reference number does not apply to a cited party, or varies by line item, use the 2/REF/120 segment.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		<i>Use, as applicable, to identify additional reference numbers such as the customer reference number, etc., applicable to the cited party.</i>	
		11 Account Number	
		Number identifies a telecommunications industry account	
		<i>Use to indicate the payee's account number. Use in conjunction with the 1/N1 loop when N101 is code PE.</i>	
		BL Government Bill of Lading	
		<i>Use to indicate the Government Bill of Lading number. Use in conjunction with the 1/N1 loop when N101 is code ST or SF.</i>	
		SY Social Security Number	
		TJ Federal Taxpayer's Identification Number	
		TN Transaction Reference Number	
	REF02	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	REF03	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040 Reference Identifier	O
		To identify one or more reference numbers or identification numbers as	

			specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **PER Administrative Communications Contact**
Position: 120
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.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *This segment is required if 1/N101/070 is code PE and the point of contact has changed since registration.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		AC	Administrative Contracting Officer
		CE	Certifier
		<i>Use to identify the DFAS certifying officer in the DFAS 1/N1 loop when N101 is code PR.</i>	
		IC	Information Contact
		<i>Use to indicate the communication number to be contacted with questions arising from the submission of this invoice. Use only when the contact differs from one provided as a part of the registration process.</i>	
	PER02	93	Name O AN 1/60
		Free-form name	
		<i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name.</i>	
	PER03	365	Communication Number Qualifier X ID 2/2
		Code identifying the type of communication number	
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		FT	Federal Telecommunications System (FTS)

Use to indicate the Federal Switching Network (FSN).

FX Facsimile
 IT International Telephone
 TE Telephone

Use to indicate a commercial telephone number. Include the area code.

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 telephone number, PER05/06 can be used to cite a FAX 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 code IT or TE.

FT Federal Telecommunications System (FTS)

Use to indicate the FSN.

FX Facsimile

IT International Telephone

TE Telephone

Use to indicate a commercial telephone number. Include the area code.

PER06 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

PER07 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

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

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 PER05 is used citing code IT or TE.

FT Federal Telecommunications System (FTS)

Use to indicate the FSN.

FX Facsimile

IT International Telephone

TE Telephone

Use to indicate a commercial telephone number.

Include the area code.

	PER08	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER09	443	Contact Inquiry Reference	O AN 1/20
			Additional reference number or description to clarify a contact number	

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

Position: 130

Loop:

Level: Heading

Usage: Optional

Max Use: >1

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/110 segment.*
2. *Discount terms must be the same as identified in the applicable award instrument unless the contractor is offering better discount terms.*
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.*
3. *Use only when a discount is applicable. Do not transmit this segment when a discount is not applicable*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
ITD01	336 Terms Type Code	O ID 2/2
	Code identifying type of payment terms	
	03 Fixed Date	
	04 Deferred or Installment	
	05 Discount Not Applicable	
	08 Basic Discount Offered	
	09 Proximo	
	16 Prompt Payment Act	
	21 Fast Pay	
	Code indicating that an invoice is subject to accelerated payment	
	<i>Use to indicate FAST PAY procedures are applicable only when that procedure has been authorized in the contract or order for which this</i>	

				<i>invoice is being submitted.</i>	
		22	Cash Discount Terms Apply		
			Contract terms specify that a cash discount is applicable		
		23	Payment Due Upon Receipt of Invoice		
		PP	Prepayment		
ITD02	333	Terms Basis Date Code		O	ID 1/2
		Code identifying the beginning of the terms period			
		<i>Use any code.</i>			
		Refer to 004010 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			
		<i>The amount shown is a percent, e.g., two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.</i>			
ITD04	370	Terms Discount Due Date		X	DT 8/8
		Date payment is due if discount is to be earned expressed in format CCYYMMDD			
		<i>Use to indicate the date for the discount when ITD01 is code 03.</i>			
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			
Not Used	ITD06	446	Terms Net Due Date	O	DT 8/8
			Date when total invoice amount becomes due expressed in format CCYYMMDD		
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			
		<i>Use, if needed, to prevent differences that can result from rounding off methods.</i>			
ITD09	388	Terms Deferred Due Date		O	DT 8/8
		Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD			
ITD10	389	Deferred Amount Due		X	N2 1/10
		Deferred amount due for payment			
Not Used	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			
Not Used	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 1/2
			Code identifying type of payment procedures	
Not Used	ITD15	954	Percent	O R 1/10
			Percentage expressed as a decimal	

Segment: **DTM** Date/Time Reference
Position: 140
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 DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

- Notes:**
1. Use this 1/DTM/140 segment to specify dates if they apply to all of the line items in the invoice. When the dates vary by line item, use the 2/DTM/150 segment.
 2. Use two iterations of the segment when a range of dates (expressed as period start - period end) is required.

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		011 Shipped	
		035 Delivered	
		186 Invoice Period Start	
		When the billing period covered by an invoice begins	
		187 Invoice Period End	
		When the billing period covered by an invoice ends	
		193 Period Start	
		<i>Use to indicate the performance commencement date for a line item that is ordering a service.</i>	
		194 Period End	
		<i>Use to indicate the performance completion date for a line item that is ordering a service.</i>	
		373 Order Start	
		<i>Use to indicate the requisition date.</i>	
		458 Certification	
		Date of a document attesting to a fact	
		<i>Use to indicate the date of certification.</i>	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	

Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			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	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **MEA** Measurements
Position: 170
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 MEA05 is present, then MEA04 is required.
- 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

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

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

Notes: *Use this segment to indicate the weight of the invoiced shipment. Use in conjunction with the 1/N1 loop when N101 is code ST or SF.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Not Used	MEA01	737	Measurement Reference ID Code	O ID 2/2
			Code identifying the broad category to which a measurement applies	
	MEA02	738	Measurement Qualifier	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
		WT	Weight	
	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	
Not Used	MEA04	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Not Used	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	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	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	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X R 1/20
Not Used	MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X R 1/20
Not Used	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value	O ID 2/2
Not Used	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	X ID 2/2
Not Used	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	MEA10	1373	Measurement Method or Device The method or device used to record the measurement	O ID 2/4

Segment: **FA1** Type of Financial Accounting Data
Position: 290
Loop: FA1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

- Semantic Notes:**
- 1 FA101 Identifies the organization controlling the assignment of financial accounting information.
 - 2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:

Data Element Summary

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

Segment: **FA2 Accounting Data**
Position: 300
Loop: FA1 Optional
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use this segment to identify the various components of the line of accounting.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		18 Funds Appropriation	
			Coding to track the source of funds (such as various government agencies)
			<i>Use to indicate the basic appropriation number (department code through appropriation limit). Example: 171797981810040</i>
		A1 Department Indicator	
		A2 Transfer from Department	
		A3 Fiscal Year Indicator	
		A4 Basic Symbol Number	
		A5 Sub-class	
		A6 Sub-Account Symbol	
		B1 Budget Activity Number	
		B2 Budget Sub-activity Number	
		C1 Program Element	
		C2 Project Task or Budget Subline	
		C3 Budget Restriction	
		D1 Defense Agency Allocation Recipient	
		D2 Defense Agency Sub-allocation Recipient	
		D3 Component Allocation Recipient	
		D4 Component Sub-allocation Recipient	
		D5 Allotment Recipient	
		D6 Sub-allotment Recipient	
		D7 Work Center Recipient	
		E1 Major Reimbursement Source Code	
		E2 Detail Reimbursement Source Code	

- E3 Customer Indicator
- F1 Object Class
- F2 Object Sub-class
- F3 Government or Public Sector Identifier
- F4 Country Code
- G1 Program or Planning Code
- G2 Special Interest Code or Special Program Cost Code
- H1 Cost Code
- H2 Labor Type Code
- H3 Cost Allocation Code
- H4 Classification Code
- I1 Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
- J1 Document or Record Reference Number
- K6 Accounting Classification Reference Code
- L1 Accounting Installation Number

Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Authority (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

- N1 Transaction Type
- P1 Disbursing Station Number
- P2 International Balance of Payments (IBOP) Code
- ZZ Mutually Defined

Use to indicate the balance of the financial accounting data which should include the Accountable Station Number identified by the use of code L1 in another iteration of this segment.

Must Use FA202 1195 Financial Information Code M AN 1/80
 Code representing financial accounting information

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

- Syntax Notes:**
- 1 If any of IT102 IT103 or IT104 is present, then all are required.
 - 2 If either IT106 or IT107 is present, then the other is required.
 - 3 If either IT108 or IT109 is present, then the other is required.
 - 4 If either IT110 or IT111 is present, then the other is required.
 - 5 If either IT112 or IT113 is present, then the other is required.
 - 6 If either IT114 or IT115 is present, then the other is required.
 - 7 If either IT116 or IT117 is present, then the other is required.
 - 8 If either IT118 or IT119 is present, then the other is required.
 - 9 If either IT120 or IT121 is present, then the other is required.
 - 10 If either IT122 or IT123 is present, then the other is required.
 - 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

- Comments:**
- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 - 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

- Notes:**
1. *Use multiple iterations of this 2/IT1/010 loop to provide invoice data for each specific line item and another IT1 loop for accounting appropriation data.*
 2. *Contract Reserve and Adjustments for the line item will be identified in the 2/SAC/180 loops. Major Cost Elements of the line item will be identified in the 2/SLN/200 loops.*
 3. *Accounting appropriation data will be for the total transaction. The accounting appropriation loop of IT1 will be for voucher total distributed by appropriation or ACRN.*
 4. *Use iterations of this segment to identify appropriation data when its IT1 loop has the literal word "ACRN" or cites the actual CLIN/SLIN/ELIN in IT101. Place the appropriation value in SLN06, the ACRN or appropriation number in the 2/FA1/350 loop.*
 5. *Use 235/234 pairs to describe the item being invoiced.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
IT101	350 Assigned Identification	O AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

1. Use to identify line item data by the CLIN, SUBCLIN, or ELIN or other number identifying the line item.

2. When used to indicate appropriation data, use term "ACRN".

IT102 358 Quantity Invoiced X R 1/10

Number of units invoiced (supplier units)

1. When loop used to identify a line number data, cite the quantity invoiced.

2. When loop used to indicate appropriation data, do not use this data element.

IT103 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. When loop used to identify line item data, identify the unit of issue for the quantity listed in IT102.

2. Use any appropriate code, but it must be the same unit of measure as cited in the applicable award instrument.

3. Use code 10, Group, to indicate a service product.

4. When loop used to indicate appropriation data, do not use this data element.

Refer to 004010 Data Element Dictionary for acceptable code values.

IT104 212 Unit Price X R 1/17

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

1. When loop used to identify line item data, cite the contract or order unit price.

2. When loop used to indicate appropriation data, do not use this data element.

Not Used IT105 639 Basis of Unit Price Code O ID 2/2

Code identifying the type of unit price for an item

IT106 235 Product/Service ID Qualifier X ID 2/2

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

1. Use only codes that were contained in the contract or order. For example, if the item being invoiced was ordered by its National Stock Number (NSN) (code FS), use code FS followed by the National Stock Number of the item. Descriptions should be kept to a minimum essential to identify the item for payment purposes. While any code may be used, listed codes are preferred.

2. IT106 through IT125 are used in pairs. For Example, IT106 will contain a qualifier code and IT107 will contain information related to the qualifying code. So, if IT106 is code FS then IT107 would carry the National Stock Number.

A8 Exhibit Line Item Number

AK Refined Product Code

Use to indicate a petroleum product type.

CH Country of Origin Code

CG Commodity Grouping Code

Use to indicate a commodity code.

CL Color

CN Commodity Name

FS National Stock Number

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

FT Federal Supply Classification (FSC)

See Code Source 27 in the ASC X12 standards for the FSC codes.

IN Buyer's Item Number

KA Engineering Data List

KB Data Category Code

KF Item Type Number

LT Lot Number

MF Manufacturer

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

MG Manufacturer's Part Number

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

MM Motor Equipment Manufacturing Association (MEMA) Product Type Code

This code will be deleted unless a business case for its retention is provided.

MN Model Number

NI National Drug Code in 4-4-2 Format

N2 National Drug Code in 5-3-2 Format

N3 National Drug Code in 5-4-1 Format

N4 National Drug Code in 5-4-2 Format

ND National Drug Code (NDC)

PD Part Number Description

Use to indicate a clear text description of an item.

PU Part Reference Number

RC Returnable Container No.

SN Serial Number

SV Service Rendered

Use to indicate a clear text description of a service being invoiced.

SW *Stock Number*
Use to indicate a local stock number.

SZ *Vendor Alphanumeric Size Code (NRMA)*

TP *Product Type Code*
Use to indicate a specific product type. Do not use for petroleum products; use code AK.

UD *U.P.C./EAN Consumer Package Code*

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

UN *U.P.C. Case Code Number*

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

ZB *Commercial and Government Entity (CAGE)*
Use, as applicable, to indicate a CAGE code when not otherwise a part of a cited manufacturer's part number.

Refer to 004010 Data Element Dictionary for acceptable code values.

	IT107	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	IT108	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	IT109	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	IT110	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	IT111	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	IT112	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	IT113	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	IT114	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	IT115	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	IT116	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	IT117	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	IT118	235	Product/Service ID Qualifier	X	ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT119	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT120	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT121	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT122	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT123	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT124	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT125	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	

Segment: **TXI** Tax Information

Position: 040

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: *Use this 2/TXI/040 segment only if taxes apply to a line item.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			<i>Use any code. Cited codes are preferred.</i>	
			<i>CA City Tax</i>	
			<i>FI FICA Tax</i>	
			<i>FD Federal Tax</i>	
			<i>FT Federal Excise Tax</i>	
			<i>GR Gross Receipts Tax</i>	
			<i>LO Local Tax (Not Sales Tax)</i>	
			<i>LS State and Local Sales Tax</i>	
			<i>TX All Taxes</i>	
			<i>ZZ Mutually defined</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
Not Used	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	

Not Used	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
		A	Add	
			<i>Use to indicate the tax amount is to be added to the invoice unit price.</i>	
		I	Included	
			<i>Use to indicate the tax amount is already included in the invoice unit price.</i>	
	TXI08	828	Dollar Basis For Percent	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
Not Used	TXI10	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

- Segment:** **CTP Pricing Information**
- Position:** 050
- Loop:** IT1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 25
- Purpose:** To specify pricing information
- Syntax Notes:**
- 1 If either CTP04 or CTP05 is present, then the other is required.
 - 2 If CTP06 is present, then CTP07 is required.
 - 3 If CTP09 is present, then CTP02 is required.
 - 4 If CTP10 is present, then CTP02 is required.
 - 5 If CTP11 is present, then CTP03 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:** *Use this segment to identify the total target or estimated cost of the line item.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
CTP01	687	Class of Trade Code	O ID 2/2
		Code indicating class of trade	
		CO Contractor	
CTP02	236	Price Identifier Code	X ID 3/3
		Code identifying pricing specification	
		CON Contract Price	
CTP03	212	Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	
		<i>Use to indicate the total dollars of the target/estimated cost of this line item (IT101).</i>	
Not Used	CTP04	380 Quantity	X R 1/15
		Numeric value of quantity	
Not Used	CTP05	C001 Composite Unit of Measure	X
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Not Used	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	
Not Used	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
Not Used	C00103	649 Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier	O ID 3/3
Not Used	CTP07	649	Multiplier Value to be used as a multiplier to obtain a new value	X R 1/10
Not Used	CTP08	782	Monetary Amount Monetary amount	O R 1/18
Not Used	CTP09	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O ID 2/2
Not Used	CTP10	499	Condition Value Identifies rate restrictions or provisions	O AN 1/10
Not Used	CTP11	289	Multiple Price Quantity Quantity of units for a given price, e.g., 3 for \$10.00	O N0 1/2

Segment: **PAM** Period Amount

Position: 055

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To indicate a quantity, and/or amount for an identified period

Syntax Notes:

- 1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
- 2 At least one of PAM02 PAM05 or PAM14 is required.
- 3 If either PAM04 or PAM05 is present, then the other is required.
- 4 If either PAM06 or PAM07 is present, then the other is required.
- 5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
- 6 If PAM07 is present, then PAM06 is required.
- 7 If PAM08 is present, then PAM07 is required.
- 8 If PAM09 is present, then PAM07 is required.
- 9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
- 10 If PAM11 is present, then PAM10 is required.
- 11 If either PAM13 or PAM14 is present, then the other is required.

Semantic Notes:

- 1 PAM10, PAM11, or PAM12 are used when two dates are required.
- 2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

Comments:

Notes: *Use this segment to identify the fees associated with this line item. Use one iteration of the segment for each type of fee.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	PAM01	673 Quantity Qualifier	X ID 2/2
		Code specifying the type of quantity	
Not Used	PAM02	380 Quantity	X R 1/15
		Numeric value of quantity	
Not Used	PAM03	C001 Composite Unit of Measure	X
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Not Used	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	
Not Used	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
Not Used	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355 Unit or Basis for Measurement Code	O ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	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	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	PAM04	522	Amount Qualifier Code Code to qualify amount	X ID 1/3
<i>Use to identify the fees associated with this loop's line item.</i>				
		FA	Coordination Fee <i>Use to indicate any other fees.</i>	
		FB	Calculation Fee <i>Use to indicate the target fee.</i>	
		FE	Fee <i>Use to indicate the fixed fee.</i>	
		FF	Application Fee <i>Use to indicate the award fee.</i>	
		NF	Monthly Net Fee Position (Excess/Deficit) <i>Use to indicate the incentive fee.</i>	
	PAM05	782	Monetary Amount	X R 1/18

Monetary amount

Use to identify the fee amount.

Not Used	PAM06	344	Unit of Time Period or Interval	X	ID 2/2
			Code indicating the time period or interval		
Not Used	PAM07	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	PAM08	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	PAM09	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	PAM10	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	PAM11	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	PAM12	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)		
	PAM13	1004	Percent Qualifier	X	ID 1/2
			Code to qualify percent		
		05	Target Fee or Profit		
			The negotiated contract fee or profit applicable to one defined contract effort		
			<i>Use to indicate the fee percentage for this line item.</i>		
	PAM14	954	Percent	X	R 1/10
			Percentage expressed as a decimal		
Not Used	PAM15	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		

Segment: **PID** Product/Item Description

Position: 060

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 PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

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

Notes: *The use of this segment is discouraged. Use only for a clear text description when the product/service identification in 235/234 pairs in the IT1 segment is insufficient to describe the item or service being invoiced. Do not use when codes in IT106/07 can be used to describe the item or service being invoiced.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
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

Use to identify the item description or job description.

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	
Not Used	PID09	819	Language Code	O ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

- Segment:** **ITD** Terms of Sale/Deferred Terms of Sale
- Position:** 110
- Loop:** IT1 Optional
- 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:**
1. *Use this 2/ITD/110 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.*
 2. *Discount terms must be the same as identified in the applicable award instrument unless the contractor is offering better discount terms.*
 3. *Use only when a discount is applicable. Do not transmit this segment when a discount is not applicable.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Type Code</u>	
ITD01	336	Terms Type Code	O ID 2/2
		Code identifying type of payment terms	
		04	Deferred or Installment
		05	Discount Not Applicable
		08	Basic Discount Offered
		09	Proximo
		16	Prompt Payment Act
		21	Fast Pay
			Code indicating that an invoice is subject to accelerated payment
			<i>Use to indicate FAST PAY procedures are applicable only when that procedure has been authorized in the contract or order for which this invoice is being submitted.</i>
		22	Cash Discount Terms Apply
			Contract terms specify that a cash discount is applicable
		23	Payment Due Upon Receipt of Invoice

			PP	Prepayment	
	ITD02	333		Terms Basis Date Code	O ID 1/2
				Code identifying the beginning of the terms period	
				<i>Use any code.</i>	
				Refer to 004010 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	
				<i>The amount shown is a percent, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.</i>	
Not Used	ITD04	370		Terms Discount Due Date	X DT 8/8
				Date payment is due if discount is to be earned expressed in format CCYYMMDD	
	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	
Not Used	ITD06	446		Terms Net Due Date	O DT 8/8
				Date when total invoice amount becomes due expressed in format CCYYMMDD	
	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	
				<i>Use, if needed, to prevent differences that can result from rounding off methods.</i>	
	ITD09	388		Terms Deferred Due Date	O DT 8/8
				Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD	
	ITD10	389		Deferred Amount Due	X N2 1/10
				Deferred amount due for payment	
Not Used	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	
Not Used	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 1/2
				Code identifying type of payment procedures	
Not Used	ITD15	954		Percent	O R 1/10
				Percentage expressed as a decimal	

Segment: **REF** Reference Identification

Position: 120

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.

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

Comments:

Notes: *Use this 2/REF/120 segment to identify reference numbers that vary by line item. When the reference numbers apply to all the line items in the invoice, use the 1/REF/110 segment.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

Use any code. The following codes are preferred.

- 11 Account number**
Number identifies a telecommunications industry account.
- 12 Billing Account**
Account number under which the billing is rendered.
- 14 Master Account Number**
Account number used to represent individual billing accounts which have been consolidated and/or summarized.
- 55 Sequence Number**
Use to indicate a suffix number associated with a final shipment number (i.e., when transmitting the letter Z to indicate a final shipment). (Applicable to DoD invoices only.)
- AW Air Waybill Number**
- BL Government Bill of Lading**
Use to indicate the government bill of lading number.
- C7 Contract Line Item Number**
- CA Cost Allocation Reference**
- DO Delivery Number Order**
- FS Final Sequence Number**
Use, as applicable, to indicate the suffix number of a replacement shipment associated with a shipment number (i.e., when transmitting the letter A to indicate the first replacement shipment).
- K5 Task Order**

MG *Meter Number*
OQ *Order Number*
Use to indicate the Call number.
RB *Rate Code Number*
RQ *Purchase Requisition Number*
Use to indicate the purchase requisition number which is in the 14/15 position MILSTRIP requisition number (or other 14/15 position document number of non-MILSTRIP items) associated to the current line item.
SI *Shippers Identifying Number for Shipment (SID)*
A unique number (to the shipper) assigned by the shipper to identify the shipment. Use to indicate the vendor shipping number.
TN *Transaction reference Number*
W6 *Federal Supply Schedule Number*

Refer to 004010 Data Element Dictionary for acceptable code values.

	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **DTM** Date/Time Reference

Position: 150

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *1. Use two iterations of the segment when a range of dates (expressed as period start - period end) is required.*

2. Use this 2/DTM/150 segment to specify the dates of the line item data for the public voucher. When the dates for all items are the same, use the 1/DTM/140 segment.

Data Element Summary

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

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

011	Shipped	<i>Use to indicate the date the goods were shipped.</i>
035	Delivered	<i>Use to indicate single date of delivery of a line item.</i>
050	Received	<i>Use to indicate date invoice was received for Prompt Pay Act (PPA) purposes.</i>
186	Invoice Period Start	When the billing period covered by an invoice begins
187	Invoice Period End	When the billing period covered by an invoice ends
193	Period Start	<i>Use to indicate the performance commencement date for a line item that is ordering a service. Use for line item when delivery of a line item is greater than one day.</i>
194	Period End	<i>Use to indicate the performance completion date for a line item that is ordering a service. Use for line item when delivery of a line item is greater</i>

				<i>than one day.</i>
		373	Order Start	
				<i>Use to indicate the requisition date.</i>
		458	Certification	
			Date of a document attesting to a fact	
				<i>Use to indicate the date of certification.</i>
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			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	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment:	SAC Service, Promotion, Allowance, or Charge Information
Position:	180
Loop:	SAC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	<ol style="list-style-type: none"> 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. 8 If SAC16 is present, then SAC15 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required. 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence. 3 SAC08 is the allowance or charge rate per unit. 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge. 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used. 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion. 7 SAC16 is used to identify the language being used in SAC15.
Comments:	<ol style="list-style-type: none"> 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02. 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.
Notes:	<ol style="list-style-type: none"> 1. <i>Use this 2/SAC/180 segment to identify charges that apply to a line item. If the charges apply to all of the line items, use the 3/SAC/040 segment.</i> 2. <i>Use to identify the Contract Reserve and Adjustments of the item defined in IT1. Use SAC01 to identify if the amount in the withhold or reserve is subtracted from the invoice total (Code A - Allowance) or if the amount is to be added to the invoice total (Code C - Charge). Use SAC02 code ZZZZ and write the type of reserve or adjustment in the SAC15. Use SAC05 to identify the dollar amount. The cumulative amount of the Contract Reserve and Adjustments will appear in 2/TX1/190.</i>

Data Element Summary				
	Ref.	Data	Name	Attributes
	Des.	Element		
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	
			<i>Use to indicate amount in SAC05 is subtracted from the invoice total.</i>	
			C Charge	
			<i>Use to indicate the amount in SAC05 is to be added to the invoice total.</i>	
			N No Allowance or Charge	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			<i>Use any code in the 004010 Data Element Dictionary except codes that refer to taxes.</i>	
			<i>F460 Postage</i>	
			<i>F650 Preparation</i>	
			<i>Use to indicate packing, crating and handling.</i>	
			<i>I170 Trade Discount</i>	
			<i>I260 Transportation Direct Billing</i>	
			<i>ZZZZ Mutually Defined</i>	
			<i>Use to indicate the amount cited in SAC05 is to be applied to the Contract Reserves and Adjustments identified in SAC15.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SAC03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
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	
	SAC05	610	Amount	O N2 1/15
			Monetary amount	
			<i>Use to identify the amount of the allowance or charge.</i>	
	SAC06	378	Allowance/Charge Percent Qualifier	X ID 1/1
			Code indicating on what basis allowance or charge percent is calculated	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	SAC07	332	Percent	X R 1/6
			Percent expressed as a percent	
			<i>The amount shown is a percentage, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write as .025.</i>	

	SAC08	118	Rate	O R 1/9
			Rate expressed in the standard monetary denomination for the currency specified	
			<i>Use to identify the allowance or charge rate per unit.</i>	
	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	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	SAC10	380	Quantity	X R 1/15
			Numeric value of quantity	
			<i>Use to identify the quantity to which the amount cited in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>	
	SAC11	380	Quantity	O R 1/15
			Numeric value of quantity	
			<i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>	
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 Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification 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	
	SAC15	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. Use only when additional clarification of SAC02 is required.</i>	
			<i>2. When SAC02 is code ZZZZ, identify the Contract Reserve and Adjustments items against which the amount cited in SAC05 is to be applied.</i>	
Not Used	SAC16	819	Language Code	O ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

Segment: **TXI** Tax Information

Position: 190
Loop: SAC Optional
Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: *Use this 2/TXI/190 segment only if taxes apply to the cited charge amounts, or use to indicate the cumulative totals of the Contract Reserve and Adjustment item. (Use TX101 code ZZ and TX102 for the cumulative amount).*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TXI01	963 Tax Type Code	M ID 2/2
		Code specifying the type of tax	
		<i>Use any code. Cited codes are preferred.</i>	
		<i>CA City Tax</i>	
		<i>FI FICA Tax</i>	
		<i>FD Federal Tax</i>	
		<i>FT Federal Excise Tax</i>	
		<i>GR Gross Receipts Tax</i>	
		<i>LO Local Tax (Not Sales Tax)</i>	
		<i>LS State and Local Sales Tax</i>	
		<i>TX All Taxes</i>	
		<i>ZZ Mutually defined</i>	
		<i>Use to indicate cumulative totals of the Contract Reserve and Adjustment item.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI02	782 Monetary Amount	X R 1/18
		Monetary amount	
		<i>Use to indicate the tax amount or cumulative totals of the line item.</i>	
	TXI03	954 Percent	X R 1/10
		Percentage expressed as a decimal	
		<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	

Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	X	ID 2/2
			Code identifying the source of the data used in tax jurisdiction code		
Not Used	TXI05	956	Tax Jurisdiction Code	X	AN 1/10
			Code identifying the taxing jurisdiction		
Not Used	TXI06	441	Tax Exempt Code	X	ID 1/1
			Code identifying exemption status from sales and use tax		
	TXI07	662	Relationship Code	O	ID 1/1
			Code indicating the relationship between entities		
			A Add		
					<i>Use to indicate the tax amount is to be added to the charge amount being invoiced.</i>
			I Included		
					<i>Use to indicate the tax amount is already included in the charge amount being invoiced.</i>
	TXI08	828	Dollar Basis For Percent	O	R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax		
Not Used	TXI09	325	Tax Identification Number	O	AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number		
Not Used	TXI10	350	Assigned Identification	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		

Segment: **SLN** Subline Item Detail

Position: 200

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

- Syntax Notes:**
- 1 If either SLN04 or SLN05 is present, then the other is required.
 - 2 If SLN07 is present, then SLN06 is required.
 - 3 If SLN08 is present, then SLN06 is required.
 - 4 If either SLN09 or SLN10 is present, then the other is required.
 - 5 If either SLN11 or SLN12 is present, then the other is required.
 - 6 If either SLN13 or SLN14 is present, then the other is required.
 - 7 If either SLN15 or SLN16 is present, then the other is required.
 - 8 If either SLN17 or SLN18 is present, then the other is required.
 - 9 If either SLN19 or SLN20 is present, then the other is required.
 - 10 If either SLN21 or SLN22 is present, then the other is required.
 - 11 If either SLN23 or SLN24 is present, then the other is required.
 - 12 If either SLN25 or SLN26 is present, then the other is required.
 - 13 If either SLN27 or SLN28 is present, then the other is required.

- Semantic Notes:**
- 1 SLN01 is the identifying number for the subline item.
 - 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
 - 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
 - 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
- Comments:**
- 1 See the Data Element Dictionary for a complete list of IDs.
 - 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
 - 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: *1. Use to identify the portion of the invoice which is attributed to Government Furnished Material.*

2. Use an iteration of this segment to identify each Major Cost Element of the line item identified in IT1. The name of the specific cost element will be written in DE234 in SLN10 with appropriate code in SLN09. The value of the cost element will be in SLN06. The cumulative total of the cost element will appear in 2/TXI/237 of this SLN loop.

3. Use iterations of this segment to identify the Government Accounting Classification Reference Number (ACRN) and appropriation data when its IT1 loop has the literal word "ACRN" or cites the actual CLIN/SLIN/ELIN in IT101. Place the appropriation value in SLN06, the ACRN or appropriation number in

the 2/FAI/350 loop.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Use as a counter to identify each line item in the transaction.</i>	M AN 1/20
Not Used	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	SLN03	662	Relationship Code Code indicating the relationship between entities I Included	M ID 1/1
Must Use	SLN04	380	Quantity Numeric value of quantity <i>Use "I" unless SLN09 is code LA. Then enter the number of labor hours.</i>	X R 1/15
Must Use	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each HR Hours	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
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	
Must Use	SLN06	212	Unit Price	X R 1/17
			Price per unit of product, service, commodity, etc.	

Use of this data element is required. Enter the major cost element or the appropriation dollar value unless SLN09 is code LA. Then enter the hourly rate.

	SLN07	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SLN08	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
	SLN09	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

Use to indicate the major cost element categories. The special cost element categories will be written in SLN10.

- EI Expense Identifier
Use to indicate the general and administrative expenses (G&A).
- KB Data Category Code
Use to indicate the overhead expenses.
- KJ Material Control Code
Use to indicate the cost of material.
- LA Labor Group
Use to indicate labor costs mainly in Time and

Material or Labor Hour contracts. When this code is used, SLN04 would list the number of hours, SLN06 would list the hourly labor rate, and SLN10 would list the type of labor.

MO Movement Type Code

Use to indicate travel components.

PH Property and Casualty Service Code

Use to indicate the cost of facilities capital.

RS Set Number

Use to indicate the fee earned.

TP Product Type Code

Use to indicate all major cost elements not included in any other SLN09 code.

SLN10	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
		<i>Use to write the name of the major cost element.</i>	
SLN11	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN12	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN13	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN14	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN15	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN16	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN17	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN18	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN19	235	Product/Service ID Qualifier	X ID 2/2

		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN20	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN21	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN22	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN23	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN24	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN25	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN26	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
SLN27	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
SLN28	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	

Segment: **REF** **Reference Identification**
Position: 210
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		11	Account Number Number identifies a telecommunications industry account	
		12	Billing Account Account number under which billing is rendered	
		14	Master Account Number Account number used to represent individual billing accounts which have been consolidated and/or summarized	
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

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

- Segment:** **PID** **Product/Item Description**
- Position:** 220
- Loop:** SLN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1000
- Purpose:** To describe a product or process in coded or free-form format
- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
 - 2 At least one of PID04 or PID05 is required.
 - 3 If PID07 is present, then PID03 is required.
 - 4 If PID08 is present, then PID04 is required.
 - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
 - 2 PID04 should be used for industry-specific product description codes.
 - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
 - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
 - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
 - 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID02	750 Product/Process Characteristic Code	O ID 2/3
		Code identifying the general class of a product or process characteristic Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID03	559 Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID04	751 Product Description Code	X AN 1/12
		A code from an industry code list which provides specific data about a product characteristic	
	PID05	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
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	
Not Used	PID09	819	Language Code	O ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

Segment: **TXI** Tax Information

Position: 237

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: *Use this 2/TXI/237 segment only if taxes apply to the cited charge amount or use to indicate the cumulative totals of the Contract Reserve and Adjustment item. (Use TXI01 code ZZ and TXI02 for the cumulative amount.)*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	TXI01	963 Tax Type Code	M ID 2/2
		Code specifying the type of tax	
		<i>Use any code. Cited codes are preferred.</i>	
		CA City Tax	
		FI FICA Tax	
		FD Federal Tax	
		FT Federal Excise Tax	
		GR Gross Receipts Tax	
		LO Local Tax (Not Sales Tax)	
		LS State and Local Sales Tax	
		TX All Taxes	
		ZZ Mutually defined	
		<i>Use to indicate cumulative total of the Contract Reserve and Adjustment item.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI02	782 Monetary Amount	X R 1/18
		Monetary amount	
		<i>Use to indicate the tax amount or cumulative totals of the line item.</i>	
Not Used	TXI03	954 Percent	X R 1/10
		Percentage expressed as a decimal	
Not Used	TXI04	955 Tax Jurisdiction Code Qualifier	X ID 2/2
		Code identifying the source of the data used in tax jurisdiction code	

Not Used	TXI05	956	Tax Jurisdiction Code Code identifying the taxing jurisdiction	X AN 1/10
Not Used	TXI06	441	Tax Exempt Code Code identifying exemption status from sales and use tax	X ID 1/1
Not Used	TXI07	662	Relationship Code Code indicating the relationship between entities	O ID 1/1
Not Used	TXI08	828	Dollar Basis For Percent Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9
Not Used	TXI09	325	Tax Identification Number Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	O AN 1/20
Not Used	TXI10	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20

Segment: **N1** Name
Position: 240
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 and N103/4 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a contractor can be identified by a DUNS number, it is not necessary to transmit the contractor's full address since the relationship between the DUNS number and the contractor's address can be established by accessing a data base in which the information is stored, having been put there at the time the contractor electronically registered as a federal government trading partner.*
 2. *Use this 2/N1/240 loop to identify information pertaining to the line item. If the information applies to all of the line items, use the 1/N1/070 loop.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		SF Ship From	
		ST Ship To	
		<i>Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>	
		SV Service Performance Site	
		When services are contracted for, this describes the organization for whom or location address at which those services will be performed	
		<i>Use to indicate the location where a service was performed.</i>	

	N102	93	Name	X	AN 1/60
			Free-form name		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases.</i>		
			1		D-U-N-S Number, Dun & Bradstreet
			9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix
			10		Department of Defense Activity Address Code (DODAAC)
			33		Commercial and Government Entity (CAGE)
			A2		Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
			FA		Facility Identification <i>Use to identify the vendor's facility that cannot be identified by either DODAAC, CAGE, or DUNS number.</i>
			FI		Federal Taxpayer's Identification Number
			ZZ		Mutually Defined
Must Use	N104	67	Identification Code	X	AN 2/80
			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 2/3
			Code identifying an organizational entity, a physical location, property or an individual		

Segment: **N2** Additional Name Information
Position: 250
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:

Data Element Summary

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

Segment: **N3** Address Information
Position: 260
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: **N4 Geographic Location**
Position: 270
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
N401	19 City Name Free-form text for city name	O AN 2/30
N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26 Country Code Code identifying the country <i>An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	O ID 2/3
N405	309 Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).</i>	X ID 1/2
N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **FA1** Type of Financial Accounting Data
Position: 350
Loop: FA1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

- Semantic Notes:**
- 1 FA101 Identifies the organization controlling the assignment of financial accounting information.
 - 2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:

Data Element Summary

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

Segment: **FA2 Accounting Data**
Position: 360
Loop: FA1 Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use this segment to identify the various components of the line of accounting.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		18 Funds Appropriation	
		Coding to track the source of funds (such as various government agencies)	
		<i>Use to indicate the basic appropriation number (department code through appropriation limit). Example: 1717979818100400</i>	
		A1 Department Indicator	
		A2 Transfer from Department	
		A3 Fiscal Year Indicator	
		A4 Basic Symbol Number	
		A5 Sub-class	
		A6 Sub-Account Symbol	
		B1 Budget Activity Number	
		B2 Budget Sub-activity Number	
		C1 Program Element	
		C2 Project Task or Budget Subline	
		C3 Budget Restriction	
		D1 Defense Agency Allocation Recipient	
		D2 Defense Agency Sub-allocation Recipient	
		D3 Component Allocation Recipient	
		D4 Component Sub-allocation Recipient	
		D5 Allotment Recipient	
		D6 Sub-allotment Recipient	
		D7 Work Center Recipient	
		E1 Major Reimbursement Source Code	
		E2 Detail Reimbursement Source Code	

- E3 Customer Indicator
- F1 Object Class
- F2 Object Sub-class
- F3 Government or Public Sector Identifier
- F4 Country Code
- G1 Program or Planning Code
- G2 Special Interest Code or Special Program Cost Code
- H1 Cost Code
- H2 Labor Type Code
- H3 Cost Allocation Code
- H4 Classification Code
- I1 Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
- J1 Document or Record Reference Number
- K6 Accounting Classification Reference Code
- L1 Accounting Installation Number

Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Authority (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

- N1 Transaction Type
- P1 Disbursing Station Number
- P2 International Balance of Payments (IBOP) Code
- ZZ Mutually Defined

Use to indicate the balance of the financial accounting data which should include the Accountable Station Number identified by the use of code L1 in another iteration of this segment.

Must Use FA202 1195 Financial Information Code M AN 1/80
 Code representing financial accounting information

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Notes: *There is no need to transmit either the currency symbol (e.g., the dollar sign \$), commas separating thousands, or the decimal point because the amount data elements are N2 types which means that there are two decimal places implied in every transmitted number. When using, be sure to follow all whole numbers with two zeros to account for the implied two decimal places.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	TDS01	610	Amount	M N2 1/15
			Monetary amount	
	TDS02	610	Amount	O N2 1/15
			Monetary amount	
			<i>Use to identify the total amount of the invoice subject to discounts (which may vary by line item). Use is required if the dollar value subject to the terms discount is not equal to the dollar value cited in TDS01.</i>	
	TDS03	610	Amount	O N2 1/15
			Monetary amount	
			<i>Use to identify the total amount of the invoice minus allowances and discounts and plus the charges, as applicable.</i>	
	TDS04	610	Amount	O N2 1/15
			Monetary amount	
			<i>Use to identify the terms discount total amount applicable to the invoice.</i>	

Segment: **TXI** Tax Information

Position: 020

Loop:

Level: Summary

Usage: Optional

Max Use: 10

Purpose: To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: *Use this 3/TXI/020 segment to identify the total tax amount applicable to the total invoiced amount.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			<i>Use any code. Cited codes are preferred.</i>	
			CA City Tax	
			FI FICA Tax	
			FD Federal Tax	
			FT Federal Excise Tax	
			GR Gross Receipts Tax	
			LO Local Tax (Not Sales Tax)	
			LS State and Local Sales Tax	
			TX All Taxes	
			ZZ Mutually defined	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
Not Used	TXI05	956	Tax Jurisdiction Code	X AN 1/10

			Code identifying the taxing jurisdiction	
Not Used	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
		A	Add	
			<i>Use to indicate the total tax amount that must be added to the total invoice amount.</i>	
		I	Included	
			<i>Use to indicate the total tax amount is already included in the invoice total amount.</i>	
	TXI08	828	Dollar Basis For Percent	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
Not Used	TXI10	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 040
Loop: SAC Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- 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.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *Use the 3/SAC/040 segment to identify total charges that are not being invoiced as a line item. These amounts are included in the TDS segment.*

Data Element Summary

Ref.	Data		
Des.	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	

	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID 4/4
			Code identifying the service, promotion, allowance, or charge		
			<i>Use any code except those that are tax related. Those codes should be carried in the TXI segment.</i>		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
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		
	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
			<i>Use to identify the amount of the allowance or charge.</i>		
	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
			<i>The amount shown is a percent, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.</i>		
	SAC08	118	Rate	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
			<i>Use to identify the allowance or charge rate per unit.</i>		
	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		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
			<i>Use to identify the quantity to which the amount cited in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>		
	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
			<i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>		
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 Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification 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	
	SAC15	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>Use only when additional clarification of codes in SAC02 is required.</i>	
Not Used	SAC16	819	Language Code	O ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

Segment: **TXI** Tax Information

Position: 050

Loop: SAC Optional

Level: Summary

Usage: Optional

Max Use: 10

Purpose: To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: *Use this 3/TXI/050 segment to identify total taxes applicable to total charge amounts. These amounts are included in TDS segment.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TXI01	963	Tax Type Code Code specifying the type of tax <i>Use any code. Cited codes are preferred.</i> CA City Tax F1 FICA Tax FD Federal Tax FT Federal Excise Tax GR Gross Receipts Tax LO Local Tax (Not Sales Tax) LS State and Local Sales Tax TX All Taxes ZZ Mutually defined Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	TXI02	782	Monetary Amount Monetary amount	X R 1/18
	TXI03	954	Percent Percentage expressed as a decimal <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	X R 1/10
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code	X ID 2/2
Not Used	TXI05	956	Tax Jurisdiction Code	X AN 1/10

			Code identifying the taxing jurisdiction	
Not Used	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
		A	Add	
			<i>Use to indicate that the amount in this segment is in addition to the amount identified in the 3/SAC/040 segment of this loop.</i>	
		I	Included	
			<i>Use to indicate that the amount in this segment is included in the amount identified in the 3/SAC/040 segment of this loop.</i>	
	TXI08	828	Dollar Basis For Percent	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
Not Used	TXI10	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **CTT Transaction Totals**

Position: 070

Loop:

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

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

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	CTT01	354 Number of Line Items	M N0 1/6
		Total number of line items in the transaction set	
		<i>Use to indicate the number of times the IT1 loop was used in the transaction set.</i>	
Not Used	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.	
Not Used	CTT03	81 Weight	X R 1/10
		Numeric value of weight	
Not Used	CTT04	355 Unit or Basis for Measurement Code	X ID 2/2
		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	X R 1/8
		Value of volumetric measure	
Not Used	CTT06	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being 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: **SE** Transaction Set Trailer
Position: 080
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.	Data		
	Des.	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	
			<i>Cite the same number that is contained in ST02.</i>	