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:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BIG	Beginning Segment for Invoice	M	1		
9	030	NTE	Note/Special Instruction	O	100		
10	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		
			LOOP ID - N1			200	
14	070	N1	Name	O	1		
16	080	N2	Additional Name Information	O	2		
17	090	N3	Address Information	O	2		
18	100	N4	Geographic Location	O	1		
19	110	REF	Reference Identification	O	12		
21	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		
23	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
25	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		

26	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	
28	290	FA1	Type of Financial Accounting Data	O	1		
29	300	FA2	Accounting Data	M	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
32	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		
36	040	TXI	Tax Information	O	10		
38	050	CTP	Pricing Information	O	25		
40	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
42	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		
43	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
45	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		

47	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	
48	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
51	190	TXI	Tax Information	O	10		
			LOOP ID - SLN			1000	
53	200	SLN	Subline Item Detail	O	1		
Not Used	205	DTM	Date/Time Reference	O	1		
57	210	REF	Reference Identification	O	>1		
58	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		
59	237	TXI	Tax Information	O	10		
			LOOP ID - N1			200	
60	240	N1	Name	O	1		
62	250	N2	Additional Name Information	O	2		
63	260	N3	Address Information	O	2		
64	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	
65	350	FA1	Type of Financial Accounting Data	O	1		
66	360	FA2	Accounting Data	M	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
69	010	TDS	Total Monetary Value Summary	M	1		
70	020	TXI	Tax Information	O	10		
Not Used	030	CAD	Carrier Detail	O	1		
Not Used	035	AMT	Monetary Amount	O	>1		
			LOOP ID - SAC			25	
72	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
75	050	TXI	Tax Information	O	10		

			LOOP ID - ISS			>1
Not Used	060	ISS	Invoice Shipment Summary	O	1	
Not Used	065	PID	Product/Item Description	O	1	
77	070	CTT	Transaction Totals	O	1	n2
78	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

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			810 Invoice	
M	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.	

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. Des.	Data Element	Name	Attributes	
M	**BIG01**	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
			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.		
M	**BIG02**	**76**	**Invoice Number**	**M**	**AN 1/22**
			Identifying number assigned by issuer		
			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).		
	BIG03	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
			Cite the date of the award instrument in BIG04.		
Must Use	**BIG04**	**324**	**Purchase Order Number**	**O**	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			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.		
	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		
			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.		
	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		

			Use, as applicable, to identify a modification number to the instrument in BIG05. If BIG05 is blank, use the PIIN in BIG04.			
Must Use	BIG07	640	**Transaction Type Code**		O	ID 2/2
			Code specifying the type of transaction			
			CB	Contribution		
			CV	Cost Voucher		
				Use to indicate direct interim public voucher.		
			OC	On Approval		
				Use to indicate non direct interim public voucher, non direct summary public voucher, and final public voucher.		
			RA	Request for Credit		
				Use to indicate a credit public voucher.		
			RH	Request for Additional Funds		
				Used to identify the Navy SUPSHIP invoice.		
			RQ	Request		
				Used to identify the Cost Voucher is Non-Direct for Shipbuilding.		
			VH	Public Voucher		
				Use to indicate direct bill summary public voucher.		
Must Use	BIG08	353	**Transaction Set Purpose Code**		O	ID 2/2
			Code identifying purpose of transaction set			
			00	Original		
				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.		
			01	Cancellation		
				Use to indicate the cancellation of a previously submitted public voucher.		
			05	Replace		
				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 database.		
			07	Duplicate		
				Use to indicate a duplicate submission.		
			CO	Corrected		
	BIG09	306	**Action Code**		O	ID 1/2
			Code indicating type of action			
			51	Complete		
			59	Partial Release		
			A1	Certified in total		
			AA	Award		
			AL	Allow		
			AR	Advanced Payment		
			F	Final		
				Use to indicate the final invoice. Do not use for partial invoices.		

		PB	Partial Transfer of Claim		
		PJ	Progress Payment		
		PV	Provisional Payment		
		Z	Mutually Defined		
Not Used	**BIG10**	**76**	**Invoice Number**	**O**	**AN 1/22**

Segment:	**NTE** Note/Special Instruction			

Position: 030
Loop:
Level: Heading
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	NTE01	363	**Note Reference Code**	O ID 3/3
			Code identifying the functional area or purpose for which the note applies	
			ADD Additional Information	
M	NTE02	352	**Description**	M AN 1/80
			A free-form description to clarify the related data elements and their content	

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. Des.	Data Element	Name		Attributes
M	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	
				Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.	
			BY	Buying Party (Purchaser)	
				Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.	
M	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**	O	R 4/10
Not Used	CUR04	98	**Entity Identifier Code**	O	ID 2/3
Not Used	CUR05	100	**Currency Code**	O	ID 3/3
Not Used	CUR06	669	**Currency Market/Exchange Code**	O	ID 3/3
Not Used	CUR07	374	**Date/Time Qualifier**	X	ID 3/3
Not Used	CUR08	373	**Date**	O	DT 8/8

10

Not Used	CUR09	337	Time	O	TM 4/8
Not Used	CUR10	374	Date/Time Qualifier	X	ID 3/3
Not Used	CUR11	373	Date	X	DT 8/8
Not Used	CUR12	337	Time	X	TM 4/8
Not Used	CUR13	374	Date/Time Qualifier	X	ID 3/3
Not Used	CUR14	373	Date	X	DT 8/8
Not Used	CUR15	337	Time	X	TM 4/8
Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3
Not Used	CUR17	373	Date	X	DT 8/8
Not Used	CUR18	337	Time	X	TM 4/8
Not Used	CUR19	374	Date/Time Qualifier	X	ID 3/3
Not Used	CUR20	373	Date	X	DT 8/8
Not Used	CUR21	337	Time	X	TM 4/8

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.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	*Use this 1/REF/050 segment to identify reference numbers that apply to the entire transaction.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

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 (for example, the customer reference number) applicable to the cited party.

11	Account Number
12	Billing Account
72	Schedule Reference Number
ACC	Status
	Use to indicate Draft status; enter 'Draft' in REF02.
AT	Appropriation Number
BL	Government Bill of Lading
BM	Bill of Lading Number
	If REF01 = 'BM', enter Commercial Bill of Lading in REF02.
CT	Contract Number
DO	Delivery Order Number
E9	Attachment Code
	Use to identify the Attachment File Name.
FS	Final Sequence Number
	Use to indicate the suffix letter associated with a final shipment number for contract payments. To indicate final shipment, use the letter 'Z'. To indicate a final Grant payment request, use the letter 'F'.
IK	Invoice Number
	Use to indicate the vendor's internal invoice number.
IL	Internal Order Number
K5	Task Order
KL	Contract Reference
P1	Previous Contract Number
SI	Shipper's Identifying Number for Shipment (SID)
	Use to identify the shipment number.

			W1 Disposal Turn-In Document Number		
			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 database 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 or BY 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. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual
Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
	N102	93	**Name**	X	**AN 1/60**

Free-form name

	Ref. Des.	Data Element	Name		Attributes
Must Use	N103	66	**Identification Code Qualifier**	X	**ID 1/2**

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

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

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

Use in all transmissions to identify the DUNS number of the invoicing party (N101 is code PE). Use in other iterations of the N1 loop with the appropriate N101

			codes to identify Government activities or other contractor locations.		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			Use to indicate the parties when DUNS+4 is appropriate.		
		10	Department of Defense Activity Address Code (DODAAC)		
			Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.		
		21	Health Industry Number (HIN)		
		33	Commercial and Government Entity (CAGE)		
			Use to indicate vendors with CAGE codes.		
		34	Social Security Number		
		91	Assigned by Seller or Seller's Agent		
			Use to indicate unique identification established by the seller.		
		92	Assigned by Buyer or Buyer's Agent		
			Use to indicate unique identification established by the buyer.		
		A2	Military Assistance Program Address Code (MAPAC)		
			Use to indicate a MAPAC address.		
		FA	Facility Identification		
			Use to identify the vendor facility that cannot be identified by either a DODAAC, CAGE, or DUNS number.		
		FI	Federal Taxpayer's Identification Number		
		TA	Taxpayer ID 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**
Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/3**

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

Segment: **N3** Address Information
Position: 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. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/55
			Address information		
	N302	166	**Address Information**	O	AN 1/55
			Address information		

Segment: **N4** Geographic Location

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

Segment:	**REF** Reference 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.		
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. Des.	Data Element	Name	Attributes	
M	REF01	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

Use, as applicable, to identify additional reference numbers such as the customer reference number, etc., applicable to the cited party.

11	Account Number	

Use to indicate the payee's account number. Use in conjunction with the 1/N1 loop when N101 is code PE.

BL	Government Bill of Lading	

Use to indicate the Government Bill of Lading number. Use in conjunction with the 1/N1 loop when N101 is code ST or SF.

SY	Social Security Number	
TJ	Federal Taxpayer's Identification Number	
TN	Transaction Reference Number	

	Ref. Des.	Data Element	Name	Attributes	
	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
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. Des.	Data Element	Name	Attributes	
M	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
AR	Accounts Receivable Department
CE	Certifier

Use to identify the DFAS certifying officer in the DFAS 1/N1 loop when N101 is code PR.

IC	Information Contact

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.

	Ref. Des.	Data Element	Name	Attributes	
	PER02	93	**Name**	O	AN 1/60

Free-form name

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.

	Ref. Des.	Data Element	Name	Attributes	
	PER03	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

AU	Defense Switched Network
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.

	Ref. Des.	Data Element	Name	Attributes	
	PER04	364	**Communication Number**	X	AN 1/80

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
	PER05	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

Use to identify a second communications number for the party cited in

			PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.		
			AU	Defense Switched Network	
			EM	Electronic Mail	
			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	
			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**

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.
		3. 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.
		4. Use only when a discount is applicable. Do not transmit this segment when a discount is not applicable.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
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		
		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.		
		22 Cash Discount Terms Apply		
		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		
		Use any code.		
		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

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.

	ITD04	370	**Terms Discount Due Date**	X	DT 8/8

Date payment is due if discount is to be earned expressed in format CCYYMMDD

Use to indicate the date for the discount when ITD01 is code 03.

	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
	ITD07	386	**Terms Net Days**	O	N0 1/3

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

	ITD08	362	**Terms Discount Amount**	O	N2 1/10

Total amount of terms discount

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

	ITD09	388	**Terms Deferred Due Date**	O	DT 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
Not Used	ITD12	352	**Description**	O	AN 1/80
Not Used	ITD13	765	**Day of Month**	X	N0 1/2
Not Used	ITD14	107	**Payment Method Code**	O	ID 1/2
Not Used	ITD15	954	**Percent**	O	R 1/10

	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. Des.	Data Element	Name	Attributes	
M	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	
050	Received	
186	Invoice Period Start	
187	Invoice Period End	
193	Period Start	

Use to indicate the performance commencement date for a line item that is ordering a service.

194	Period End

Use to indicate the performance completion date for a line item that is ordering a service.

198	Completion
201	Acceptance
373	Order Start

Use to indicate the requisition date.

458	Certification

Use to indicate the date of certification.

	Ref. Des.	Data Element	Name	Attributes	
	DTM02	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

Not Used	DTM03	337	**Time**	X	TM 4/8
Not Used	DTM04	623	**Time Code**	O	ID 2/2
Not Used	DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3
Not Used	DTM06	1251	**Date Time Period**	X	AN 1/35

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. Des.	Data Element	Name	Attributes	
Not Used	**MEA01**	**737**	**Measurement Reference ID Code**	O	**ID 2/2**
	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**
Not Used	**C00103**	**649**	**Multiplier**	O	**R 1/10**
Not Used	**C00104**	**355**	**Unit or Basis for Measurement Code**	O	**ID 2/2**
Not Used	**C00105**	**1018**	**Exponent**	O	**R 1/15**
Not Used	**C00106**	**649**	**Multiplier**	O	**R 1/10**
Not Used	**C00107**	**355**	**Unit or Basis for Measurement Code**	O	**ID 2/2**
Not Used	**C00108**	**1018**	**Exponent**	O	**R 1/15**
Not Used	**C00109**	**649**	**Multiplier**	O	**R 1/10**
Not Used	**C00110**	**355**	**Unit or Basis for Measurement Code**	O	**ID 2/2**
Not Used	**C00111**	**1018**	**Exponent**	O	**R 1/15**
Not Used	**C00112**	**649**	**Multiplier**	O	**R 1/10**
Not Used	**C00113**	**355**	**Unit or Basis for Measurement Code**	O	**ID 2/2**
Not Used	**C00114**	**1018**	**Exponent**	O	**R 1/15**
Not Used	**C00115**	**649**	**Multiplier**	O	**R 1/10**

Not Used	MEA05	740	**Range Minimum**	X	R 1/20
Not Used	MEA06	741	**Range Maximum**	X	R 1/20
Not Used	MEA07	935	**Measurement Significance Code**	O	ID 2/2
Not Used	MEA08	936	**Measurement Attribute Code**	X	ID 2/2
Not Used	MEA09	752	**Surface/Layer/Position Code**	O	ID 2/2
Not Used	MEA10	1373	**Measurement Method or Device**	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:					
Notes:		*Use the FA1/FA2 loop to cite the Long Line of Accounting (LOA) or Accounting Classification Reference Number (ACRN) when required by the contract.*			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**FA101**	**559**	**Agency Qualifier Code**	**M**	**ID 2/2**
			Code identifying the agency assigning the code values		
			DD	Department of Defense	
				Use as the department indicator for all invoices submitted to DoD legacy finance systems.	
			DF	Department of Defense (DoD)	
				Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.	
			DN	Department of the Navy	
				Includes the United States Marine Corps.	
			DX	United States Marine Corps	
			DY	Department of Air Force	
			DZ	Department of Army	
			FG	Federal Government	
				DoD Special Instructions *1. Use this code to indicate a Federal agency other than DoD or the military service that originated the line of accounting.* *2. When code "FG" is cited, use FA201 code "ZZ" and transmit the federal agency line of accounting (LOA) as one string in FA202. Multiple iterations of the 1/FA2/300 segment may be required to transmit the complete LOA if it is longer than 80 characters.*	
Not Used	**FA102**	**1300**	**Service, Promotion, Allowance, or Charge Code**	**O**	**ID 4/4**
Not Used	**FA103**	**248**	**Allowance or Charge Indicator**	**O**	**ID 1/1**

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

	Ref. Des.	Data Element	Name	Attributes
M	FA201	1196	**Breakdown Structure Detail Code**	**M ID 2/2**

Codes identifying details relating to a reporting breakdown structure tree

18	Funds Appropriation

Use this code in conjunction with codes L1 and ZZ when the individual components of the LOA cannot be generated by the application. When used, provide the basic appropriation number (department code through appropriation limit). EXAMPLE: 1717979818100400.

A1	Department Indicator

Use to indicate the two position department code.

A2	Transfer from Department

Use to indicate the two position transfer from department.

A3	Fiscal Year Indicator

Use to indicate the eight position fiscal year. The first four positions represent the first year the funds are available and the last four positions represent the last year the funds are available. Example: Year one 1999, year two 2000 would be cited at "19992000".

A4	Basic Symbol Number

Use to indicate the four position code assigned by the Treasury that indicates the type of funds for the appropriation.

A5	Sub-class

Use to indicate the four position numeric suffix that identifies the subdivision of funds that restricts the amount of use of funds.

A6	Sub-Account Symbol

Use to indicate the two position Fund Code or Material Category Code.

B1	Budget Activity Number

Use to indicate the two position Operation Agency Code that indicates the issuing organization.

B2	Budget Sub-activity Number

Use to indicate the Allotment Serial Number that indicates the distribution of funds.

B3	Budget Program Activity

		Use to indicate the six position activity address code of the card holder
B4	Program Year Indicator	
		Use to indicate the one position Program Year.
C1	Program Element	
		Use to indicate the program element code.
C2	Project Task or Budget Subline	
D1	Defense Agency Allocation Recipient	
D4	Component Sub-allocation Recipient	
		Use to indicate the Job Order/Work Center Order Number for assigning cost to a specific project.
D6	Sub-allotment Recipient	
		Use to indicate the one position Sub-allotment Recipient.
D7	Work Center Recipient	
		Use to indicate the six position Work Center Recipient.
E1	Major Reimbursement Source Code	
E2	Detail Reimbursement Source Code	
E3	Customer Indicator	
		Use to indicate the six position customer identifier who has requested the goods or services.
F1	Object Class	
		Use to indicate the Object Class, Element of Resource or the Element of Expense.
F3	Government or Public Sector Identifier	
		Use to indicate the government or public source providing the goods or services.
F4	Country Code	
G1	Program or Planning Code	
G2	Special Interest Code or Special Program Cost Code	
H1	Cost Code	
		Use to indicate the Cost Code.
H3	Cost Allocation Code	
H4	Classification Code	
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)	
		Use to indicate the shorthand elements of the accounting classification.
J1	Document or Record Reference Number	
		Use to indicate the Standard Document Number.
K6	Accounting Classification Reference Code	
L1	Accounting Installation Number	
		1. Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting 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.		
			2. This code is used whether or not the application can generate the individual components of the LOA. If the application cannot generate the individual components of the LOA, use this code in conjunction with codes 18 and ZZ.		
		M1	Local Installation Data		
			Use to indicate the Installation Facilities System number.		
		N1	Transaction Type		
			Use to indicate the transaction type code.		
		P4	International Balance of Payments (IBOP) Code		
		P5	Foreign Military Sales (FMS) Line Item Number		
			Use to indicate the FMS Case Number, Country Code and FMS line number.		
		P6	Contract Payment Notice (CPN) Recipient Indicator		
			Use to indicate the 8 position CPN Recipient, Organization Code.		
		ZZ	Mutually Defined		
			Use this code in conjunction with codes 18 and L1 when the individual components of the LOA cannot be generated by the application. When used, provide the balance of the financial accounting data, which should include the Accountable Station Number, identified by the use of code L1 in another iteration of this segment.		
M	**FA202**	**1195**	**Financial 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

Ref. Des.	Data Element	Name	Attributes
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".

3. For grants use term "ZZZZ" when used to indicate SF 270 blocks 11 and 12 information.

	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**
	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 NSN of the item. Descriptions should be kept to a minimum essential to identify the item for payment purposes. While any code may be used, the 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 NSN.

A3   Locally Assigned Control Number
A8   Exhibit Line Item Number
AK   Refined Product Code
*   Use to indicate a petroleum product type.*
B8   Batch Number
CG   Commodity Grouping
*   Use to indicate a commodity code.*
CH   Country of Origin Code
CL   Color
CN   Commodity Name
F1   Catalog Number
*   Use to indicate a catalog number that identifies the product.*
F7   End-Item Description

Use to indicate the end item of the ordered item.
F8 *Next Higher Used Assembly*
Use to indicate the next higher assembly of the ordered item.
FS *National Stock Number*
The NSN shall be transmitted as a continuous set of numbers without dashes.
FT *Federal Supply Classification*
See Code Source 27 in the ASC X12 standards for the FSC codes.
IB *International Standard Book Number (ISBN)*
IN *Buyer's Item Number*
KA *Engineering Data List*
KB *Data Category Code*
KD *Replacement National Stock Number*
KF *Item Type Number*
KG *Time Compliant Technical Order*
KI *Cognizance Symbol*
KJ *Material Control Code*
KK *Special Material Identification Code*
KL *Item Management Code*
KM *Shelf-Life Code*
KN *Shelf-Life Action Code*
LT *Lot Number*
MF *Manufacturer*
When used, cite the manufacturer's DUNS number 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*
N1 *National Drug Code in 4-4-2 Format*
N2 *National Drug Code in 5-3-2 Format*
N3 *National Drug Code in 5-4-1 Format*
N4 *National Drug Code in 5-4-2 Format*
ND *National Drug Code (NDC)*
PD *Part Number Description*
Use to indicate a clear text description of an item.
PU *Part Reference Number*
RC *Returnable Container Number*
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 (2-5-5)*
UK *U.P.C./EAN Shipping Container Code (1-2-5-5-1)*
UN *U.P.C. Case Code Number (1-1-5-5)*
VC *Vendor's (Seller's) Catalog Number*
VP *Vendor's (Seller's) Part Number*

			ZB Commercial and Government Entity (CAGE) Code *Use 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**
Not Used	**IT111**	**234**	**Product/Service ID**	**X**	**AN 1/48**
Not Used	**IT112**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
Not Used	**IT113**	**234**	**Product/Service ID**	**X**	**AN 1/48**
Not Used	**IT114**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
Not Used	**IT115**	**234**	**Product/Service ID**	**X**	**AN 1/48**
Not Used	**IT116**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
Not Used	**IT117**	**234**	**Product/Service ID**	**X**	**AN 1/48**
Not Used	**IT118**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
Not Used	**IT119**	**234**	**Product/Service ID**	**X**	**AN 1/48**
Not Used	**IT120**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
Not Used	**IT121**	**234**	**Product/Service ID**	**X**	**AN 1/48**
Not Used	**IT122**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
Not Used	**IT123**	**234**	**Product/Service ID**	**X**	**AN 1/48**
Not Used	**IT124**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
Not Used	**IT125**	**234**	**Product/Service ID**	**X**	**AN 1/48**

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. Des.	Data Element	Name		Attributes
M	**TXI01**	**963**	**Tax Type Code**	**M**	**ID 2/2**

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA City Tax
F1 FICA Tax
FD Federal Tax
FI Federal Income Tax Withholding
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.

	Ref. Des.	Data Element	Name		Attributes
	TXI02	**782**	**Monetary Amount**	**X**	**R 1/18**

Monetary amount

	Ref. Des.	Data Element	Name		Attributes
	TXI03	**954**	**Percent**	**X**	**R 1/10**

Percentage expressed as a decimal

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

	Ref. Des.	Data Element	Name		Attributes
Not Used	**TXI04**	**955**	**Tax Jurisdiction Code Qualifier**	**X**	**ID 2/2**
Not Used	**TXI05**	**956**	**Tax Jurisdiction Code**	**X**	**AN 1/10**
Not Used	**TXI06**	**441**	**Tax Exempt Code**	**X**	**ID 1/1**
	TXI07	**662**	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

A	Add	

Use to indicate the tax amount is to be added to the invoice unit price.

I	Included	

Use to indicate the tax amount is already included in the invoice unit price.

	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
Not Used	TXI10	350	**Assigned Identification**	O	AN 1/20

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. Des.	Data Element	Name	Attributes	
	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.		
			Use to indicate the total dollars of the target/estimated cost of this line item (IT101).		
Not Used	CTP04	380	**Quantity**	X	R 1/15
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
Not Used	C00103	649	**Multiplier**	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00105	1018	**Exponent**	O	R 1/15
Not Used	C00106	649	**Multiplier**	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00108	1018	**Exponent**	O	R 1/15
Not Used	C00109	649	**Multiplier**	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00111	1018	**Exponent**	O	R 1/15

Not Used	C00112	649	**Multiplier**	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00114	1018	**Exponent**	O	R 1/15
Not Used	C00115	649	**Multiplier**	O	R 1/10
Not Used	CTP06	648	**Price Multiplier Qualifier**	O	ID 3/3
Not Used	CTP07	649	**Multiplier**	X	R 1/10
Not Used	CTP08	782	**Monetary Amount**	O	R 1/18
Not Used	CTP09	639	**Basis of Unit Price Code**	O	ID 2/2
Not Used	CTP10	499	**Condition Value**	O	AN 1/10
Not Used	CTP11	289	**Multiple Price Quantity**	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

Ref. Des.	Data Element	Name		Attributes
Not Used	PAM01	673	**Quantity Qualifier**	X ID 2/2
Not Used	PAM02	380	**Quantity**	X R 1/15
Not Used	PAM03	C001	**Composite Unit of Measure**	X

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

Ref. Des.	Data Element	Name		Attributes
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**	O R 1/15

Power to which a unit is raised

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

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

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

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

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

			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	PAM04	522	**Amount Qualifier Code**	X	ID 1/3
			Code to qualify amount		

Use to identify the fees associated with this loop's line item.

FA	Coordination Fee

Use to indicate any other fees.

FB	Calculation Fee

Use to indicate the target fee.

FE	Fee

Use to indicate the fixed fee.

FF	Application Fee

Use to indicate the award fee.

NF	Monthly Net Fee Position (Excess/Deficit)

Use to indicate the incentive fee.

	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
Not Used	PAM07	374	**Date/Time Qualifier**	X	ID 3/3
Not Used	PAM08	373	**Date**	X	DT 8/8
Not Used	PAM09	337	**Time**	X	TM 4/8
Not Used	PAM10	374	**Date/Time Qualifier**	X	ID 3/3
Not Used	PAM11	373	**Date**	X	DT 8/8
Not Used	PAM12	337	**Time**	X	TM 4/8
	PAM13	1004	**Percent Qualifier**	X	ID 1/2
			Code to qualify percent		

05	Target Fee or Profit

Use to indicate the fee percentage for this line item.

	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

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

	Ref. Des.	Data Element	Name	Attributes	
M	**PID01**	**349**	**Item Description Type**	**M**	**ID 1/1**
			Code indicating the format of a description		
			F Free-form		
Not Used	**PID02**	**750**	**Product/Process Characteristic Code**	O	ID 2/3
Not Used	**PID03**	**559**	**Agency Qualifier Code**	X	ID 2/2
Not Used	**PID04**	**751**	**Product Description Code**	X	AN 1/12
	PID05	**352**	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Use to identify the item description or job description.		
Not Used	**PID06**	**752**	**Surface/Layer/Position Code**	O	ID 2/2
Not Used	**PID07**	**822**	**Source Subqualifier**	O	AN 1/15
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	O	ID 1/1
Not Used	**PID09**	**819**	**Language Code**	O	ID 2/3

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

Ref. Des.	Data Element	Name		Attributes	
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		
			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.		
		22	Cash Discount Terms Apply		
		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			
		Use any code.			
		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			
		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.			
Not Used ITD04	**370**	**Terms Discount Due Date**		**X**	**DT 8/8**

	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**
	ITD07	**386**	**Terms Net Days**	**O**	**N0 1/3**

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

	ITD08	**362**	**Terms Discount Amount**	**O**	**N2 1/10**

Total amount of terms discount

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

	ITD09	**388**	**Terms Deferred Due Date**	**O**	**DT 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**
Not Used	**ITD12**	**352**	**Description**	**O**	**AN 1/80**
Not Used	**ITD13**	**765**	**Day of Month**	**X**	**N0 1/2**
Not Used	**ITD14**	**107**	**Payment Method Code**	**O**	**ID 1/2**
Not Used	**ITD15**	**954**	**Percent**	**O**	**R 1/10**

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.
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. Des.	Data Element	Name	Attributes
M	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.)
AT - Appropriation Number
    Use to indicate ACRN.
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
    Used to indicate Standard Document Number (SDN).
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

	REF04	C040	**Reference Identifier**	**O**	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

M	C04001	128	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

   ZZ   Mutually Defined

M	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

	C04003	128	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

   ZZ   Mutually Defined

	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**
Not Used	C04006	127	**Reference Identification**	**X**	**AN 1/30**

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. Des.	Data Element	Name	Attributes	
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	DTM03	337	**Time**	X	TM 4/8
Not Used	DTM04	623	**Time Code**	O	ID 2/2
Not Used	DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3
Not Used	DTM06	1251	**Date Time Period**	X	AN 1/35

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:	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: *1. 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.*

2. 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.

Data Element Summary

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

Code which indicates an allowance or charge for the service specified

       A   Allowance

        Use to indicate amount in SAC05 is subtracted from the invoice total.

			C	Charge		
				Use to indicate the amount in SAC05 is to be added to the invoice total.		
			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

Use any code in the 004010 Data Element Dictionary except codes that refer to taxes.

B050   Certification
F460   Postage
F650   Preparation
      Use to indicate packing, crating and handling.
I170   Trade Discount
I260   Transportation Direct Billing
ZZZZ Mutually Defined
      Use to indicate the amount cited in SAC05 is to be applied to the Contract Reserves and Adjustments identified in SAC15.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**		**X**	**ID 2/2**
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**		**X**	**AN 1/10**
	SAC05	610	**Amount**		**O**	**N2 1/15**

Monetary amount

1. Use to identify the amount of the allowance or charge.

2. When SAC02 = B050, use to indicate line item amount disallowed by the government.

	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

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.

	SAC08	118	**Rate**		**O**	**R 1/9**

Rate expressed in the standard monetary denomination for the currency specified
Use to identify the allowance or charge rate per unit.

	SAC09	355	**Unit or Basis for Measurement Code**		**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 004010 Data Element Dictionary for acceptable code values.

	SAC10	380	**Quantity**		**X**	**R 1/15**

Numeric value of quantity

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.

	SAC11	380	**Quantity**		**O**	**R 1/15**

Numeric value of quantity

Use only if SAC10 is used.   SAC10/11 can be used together to specify a quantity range.

Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	**O**	**ID 2/2**
Not Used	SAC13	127	**Reference Identification**	**X**	**AN 1/30**
Not Used	SAC14	770	**Option Number**	**O**	**AN 1/20**
	SAC15	352	**Description**	**X**	**AN 1/80**

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

1. Use only when additional clarification of SAC02 is required.

2. When SAC02 is code ZZZZ, identify the Contract Reserve and Adjustments items against which the amount cited in SAC05 is to be applied.

Not Used	SAC16	819	**Language Code**	**O**	**ID 2/3**

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

	Ref. Des.	Data Element	Name		Attributes
M	TXI01	963	**Tax Type Code**	M	ID 2/2
			Code specifying the type of tax		
			Use any code. Cited codes are preferred.		
			CA City Tax		
			F1 FICA Tax		
			FD Federal Tax		
			FI Federal Income Tax Withholding		
			FT Federal Excise Tax		
			GR Gross Receipts Tax		
			LO Local Tax (Not Sales Tax)		
			LS State and Local Sales Tax		
			SA State Fuel Tax		
			SE State Excise Tax		
			TX All Taxes		
			ZZ Mutually defined		
			* Use to indicate cumulative totals of the Contract Reserve and Adjustment item.*		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	TXI02	782	**Monetary Amount**	X	R 1/18
			Monetary amount		
			Use to indicate the tax amount or cumulative totals of the line item.		
	TXI03	954	**Percent**	X	R 1/10
			Percentage expressed as a decimal		
			Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).		
Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	X	ID 2/2
Not Used	TXI05	956	**Tax Jurisdiction Code**	X	AN 1/10
Not Used	TXI06	441	**Tax Exempt Code**	X	ID 1/1
	TXI07	662	**Relationship Code**	O	ID 1/1

Code indicating the relationship between entities

A   Add

Use to indicate the tax amount is to be added to the charge amount being invoiced.

I   Included

Use to indicate the tax amount is already included in the charge   amount being invoiced.

	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**
Not Used	**TXI10**	**350**	**Assigned Identification**	**O**	**AN 1/20**

Segment:	SN **Subline Item Detail**		
Position:	200		
Loop:	SLN	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify product subline detail item data		

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/FA1/350 loop.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SLN01	350	**Assigned Identification**	M AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set
Use as a counter to identify each line item in the transaction.

	SLN02	350	**Assigned Identification**	O	AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

M	SLN03	662	**Relationship Code**	M	ID 1/1

Code indicating the relationship between entities

	I		Included
	O		Information Only

	SLN04	380	**Quantity**	X	R 1/15

Numeric value of quantity

Use "1" unless SLN09 is code LA.   Then enter the number of labor hours.

	SLN05	C001	**Composite Unit of Measure**	X	

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

M	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
Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	**Exponent**	O	R 1/15
Not Used	C00103	649	**Multiplier**	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00105	1018	**Exponent**	O	R 1/15
Not Used	C00106	649	**Multiplier**	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00108	1018	**Exponent**	O	R 1/15
Not Used	C00109	649	**Multiplier**	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00111	1018	**Exponent**	O	R 1/15
Not Used	C00112	649	**Multiplier**	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00114	1018	**Exponent**	O	R 1/15
Not Used	C00115	649	**Multiplier**	O	R 1/10
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
	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		
		Use to write the name of the major cost element.		
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.
Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

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

Use to indicate the Accountable Station Number when code AT is cited at 2/REF01/210. 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.

	REF03	352	Description	X	AN 1/80

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

Use to cite the Long Line of Accounting (LOA) when code AT is cited at 2/REF01/210.

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: **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

	Ref. Des.	Data Element	Name		Attributes
M	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
Not Used	PID07	822	**Source Subqualifier**	O	AN 1/15
Not Used	PID08	1073	**Yes/No Condition or Response Code**	O	ID 1/1
Not Used	PID09	819	**Language Code**	O	ID 2/3

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

	Ref. Des.	Data Element	Name	Attributes	
M	TXI01	963	**Tax Type Code**	M	ID 2/2

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FI   Federal Income Tax Withholding
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax (Not Sales Tax)
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
TX   All Taxes
ZZ   Mutually defined
   Use to indicate cumulative total of the
   Contract Reserve and Adjustment item.

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
	TXI02	782	**Monetary Amount**	X	R 1/18

Monetary amount

Use to indicate the tax amount or cumulative totals of the line item.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	TXI03	954	**Percent**	X	R 1/10
Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	X	ID 2/2
Not Used	TXI05	956	**Tax Jurisdiction Code**	X	AN 1/10
Not Used	TXI06	441	**Tax Exempt Code**	X	ID 1/1
Not Used	TXI07	662	**Relationship Code**	O	ID 1/1
Not Used	TXI08	828	**Dollar Basis For Percent**	O	R 1/9
Not Used	TXI09	325	**Tax Identification Number**	O	AN 1/20
Not Used	TXI10	350	**Assigned Identification**	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 database 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. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	**M**	**ID 2/3**

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

BY	Buying Party (Purchaser)	
SF	Ship From	
ST	Ship To	

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

SV	Service Performance Site

Use to indicate the location where a service was performed.

	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)

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.

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)		
	34		Social Security Number		
	A2		Military Assistance Program Address Code (MAPAC)		
	FA		Facility Identification		
			Use to identify the vendor's facility that cannot be identified by either DODAAC, CAGE, or DUNS number.		
	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
Not Used	N106	98	**Entity Identifier Code**	O	ID 2/3

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

Segment: **N3** Address Information
Position: 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. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/55
			Address information		
	N302	166	**Address Information**	O	AN 1/55
			Address information		

Segment: **N4** Geographic Location
Position: 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. Des.	Data Element	Name		Attributes
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
		An application program conversion table may be required to convert agency codes to ASC X12 codes.		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		AR Armed Services Location Designation		
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).		
N406	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

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:
Notes: *Use the FA1/FA2 loop to cite the Long Line of Accounting (LOA) or Accounting Classification Reference Number (ACRN) when required by the contract.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	FA101	559	**Agency Qualifier Code**	M	ID 2/2

Code identifying the agency assigning the code values

DD	Department of Defense	

Use as the department indicator for all invoices submitted to DoD legacy finance systems.

DF	Department of Defense (DoD)

Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.

DN	Department of the Navy

Includes the United States Marine Corps.

DX	United States Marine Corps
DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

	Ref. Des.	Data Element	Name		Attributes
Not Used	FA102	1300	**Service, Promotion, Allowance, or Charge Code**	O	ID 4/4
Not Used	FA103	248	**Allowance or Charge Indicator**	O	ID 1/1

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

	Ref. Des.	Data Element	Name	Attributes
M	FA201	1196	**Breakdown Structure Detail Code**	**M ID 2/2**

Codes identifying details relating to a reporting breakdown structure tree

18	Funds Appropriation

Use this code in conjunction with codes L1 and ZZ when the individual components of the LOA cannot be generated by the application. When used, provide the basic appropriation number (department code through appropriation limit). EXAMPLE: 1717979818100400.

A1	Department Indicator

Use to indicate the two position department code.

A2	Transfer from Department

Use to indicate the two position transfer from department.

A3	Fiscal Year Indicator

Use to indicate the eight position fiscal year. The first four positions represent the first year the funds are available and the last four positions represent the last year the funds are available. Example: Year one 1999, year two 2000 would be cited at "19992000".

A4	Basic Symbol Number

Use to indicate the four position code assigned by the Treasury that indicates the type of funds for the appropriation.

A5	Sub-class

Use to indicate the four position numeric suffix that identifies the subdivision of funds that restricts the amount of use of funds.

A6	Sub-Account Symbol

Use to indicate the two position Fund Code or Material Category Code.

B1	Budget Activity Number

Use to indicate the two position Operation Agency Code that indicates the issuing organization.

B2	Budget Sub-activity Number

Use to indicate the Allotment Serial Number that indicates the distribution of funds.

B3	Budget Program Activity

		Use to indicate the six position activity address code of the card holder
B4	Program Year Indicator	
		Use to indicate the one position Program Year.
C1	Program Element	
		Use to indicate the program element code.
C2	Project Task or Budget Subline	
D1	Defense Agency Allocation Recipient	
D4	Component Sub-allocation Recipient	
		Use to indicate the Job Order/Work Center Order Number for assigning cost to a specific project.
D6	Sub-allotment Recipient	
		Use to indicate the one position Sub-allotment Recipient.
D7	Work Center Recipient	
		Use to indicate the six position Work Center Recipient.
E1	Major Reimbursement Source Code	
E2	Detail Reimbursement Source Code	
E3	Customer Indicator	
		Use to indicate the six position customer identifier who has requested the goods or services.
F1	Object Class	
		Use to indicate the Object Class, Element of Resource or the Element of Expense.
F3	Government or Public Sector Identifier	
		Use to indicate the government or public source providing the goods or services.
F4	Country Code	
G1	Program or Planning Code	
G2	Special Interest Code or Special Program Cost Code	
H1	Cost Code	
		Use to indicate the Cost Code.
H3	Cost Allocation Code	
H4	Classification Code	
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)	
		Use to indicate the shorthand elements of the accounting classification.
J1	Document or Record Reference Number	
		Use to indicate the Standard Document Number.
K6	Accounting Classification Reference Code	
L1	Accounting Installation Number	
		1. Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting 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.		
				2. This code is used whether or not the application can generate the individual components of the LOA. If the application cannot generate the individual components of the LOA, use this code in conjunction with codes 18 and ZZ.		
		M1		Local Installation Data		
				Use to indicate the Installation Facilities System number.		
		N1		Transaction Type		
				Use to indicate the transaction type code.		
		P5		Foreign Military Sales (FMS) Line Item Number		
				Use to indicate the FMS Case Number, Country Code and FMS line number.		
		P6		Contract Payment Notice (CPN) Recipient Indicator		
				Use to indicate the 8 position CPN Recipient, Organization Code.		
		ZZ		Mutually Defined		
				Use to indicate the Long Line of Accounting (LOA) as cited on the contract. This code is only to be used to pass LOA data to DoD legacy finance systems.		
M	**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. Des.	Data Element	Name	Attributes	
M	**TDS01**	**610**	**Amount**	M	**N2 1/15**
			Monetary amount		
	TDS02	**610**	**Amount**	O	**N2 1/15**
			Monetary amount		
			1. 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.		
			2. Use to indicate total amount of the invoice approved by government official. Use is required if dollar value is different than TDS01.		
	TDS03	**610**	**Amount**	O	**N2 1/15**
			Monetary amount		
			Use to identify the total amount of the invoice minus allowances and discounts and plus the charges, as applicable.		
	TDS04	**610**	**Amount**	O	**N2 1/15**
			Monetary amount		
			Use to identify the terms discount total amount applicable to the invoice.		

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. Des.	Data Element	Name	Attributes	
M	**TXI01**	**963**	**Tax Type Code**	**M**	**ID 2/2**

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FI   Federal Income Tax Withholding
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax (Not Sales Tax)
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
TX   All Taxes
ZZ   Mutually defined

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
	TXI02	**782**	**Monetary Amount**	**X**	**R 1/18**

Monetary amount

	TXI03	**954**	**Percent**	**X**	**R 1/10**

Percentage expressed as a decimal

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

Not Used	**TXI04**	**955**	**Tax Jurisdiction Code Qualifier**	**X**	**ID 2/2**
Not Used	**TXI05**	**956**	**Tax Jurisdiction Code**	**X**	**AN 1/10**
Not Used	**TXI06**	**441**	**Tax Exempt Code**	**X**	**ID 1/1**
	TXI07	**662**	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

    A   Add

Use to indicate the total tax amount that must be added to the total invoice amount.

			I		Included		

Use to indicate the total tax amount is already included in the invoice total amount.

	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**
Not Used	**TXI10**	**350**	**Assigned Identification**			**O**	**AN 1/20**

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. Des.	Data Element	Name	Attributes	
M	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		
			Use any code except tax related codes (tax related codes should be carried in the TXI segment). The following codes are preferred:		
			A400 - Allowance Non-performance		
			B050 - Certification		
			B560 - Container Allowance		

B570 - Container Deposits
B660 - Contract Allowance
B770 - Cost Recovery/Adjustment
B950 - Damaged Merchandise
C040 - Delivery
C310 - Discount
D340 - Goods and Services Charge
D350 - Goods and Services Credit Allowance
D900 - Installation
D980 - Insurance
F110 - Overrun Charge
F155 - Packaging
F460 - Postage
F650 - Preparation
F810 - Promotional Discount
F910 - Quantity Discount
F920 - Quantity Surcharge
I170 - Trade Discount
I180 - Trade In
I260 - Transportation Direct Billing

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**	X	ID 2/2
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10
	SAC05	610	**Amount**	O	N2 1/15

Monetary amount

Use to identify the amount of the allowance or charge.

	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

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.

	SAC08	118	**Rate**	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

Use to identify the allowance or charge rate per unit.

	SAC09	355	**Unit or Basis for Measurement Code**	X	ID 2/2

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

Refer to 004010 Data Element Dictionary for acceptable code values.

	SAC10	380	**Quantity**	X	R 1/15

Numeric value of quantity

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.

	SAC11	380	**Quantity**	O	R 1/15

Numeric value of quantity

Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.

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

Not Used	SAC13	127	**Reference Identification**	**X**	**AN 1/30**
Not Used	SAC14	770	**Option Number**	**O**	**AN 1/20**
	SAC15	352	**Description**	**X**	**AN 1/80**

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

Use only when additional clarification of codes in SAC02 is required.

| Not Used | SAC16 | 819 | **Language Code** | **O** | **ID 2/3** |

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

	Ref. Des.	Data Element	Name		Attributes
M	**TXI01**	**963**	**Tax Type Code**	**M**	**ID 2/2**

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FI   Federal Income Tax Withholding
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax (Not Sales Tax)
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
TX   All Taxes
ZZ   Mutually defined

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
	TXI02	**782**	**Monetary Amount**	**X**	**R 1/18**

Monetary amount

	TXI03	**954**	**Percent**	**X**	**R 1/10**

Percentage expressed as a decimal

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

Not Used	**TXI04**	**955**	**Tax Jurisdiction Code Qualifier**	**X**	**ID 2/2**
Not Used	**TXI05**	**956**	**Tax Jurisdiction Code**	**X**	**AN 1/10**
Not Used	**TXI06**	**441**	**Tax Exempt Code**	**X**	**ID 1/1**
	TXI07	**662**	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

A   Add

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		Included		
			Use to indicate that the amount in this segment is included in the amount identified in the 3/SAC/040 segment of this loop.		
	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**
Not Used	**TXI10**	**350**	**Assigned Identification**	**O**	**AN 1/20**

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

	Ref. Des.	Data Element	Name	Attributes	
M	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
			Use to indicate the number of times the IT1 loop was used in the transaction set.		
Not Used	CTT02	347	**Hash Total**	O	R 1/10
Not Used	CTT03	81	**Weight**	X	R 1/10
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	X	ID 2/2
Not Used	CTT05	183	**Volume**	X	R 1/8
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	X	ID 2/2
Not Used	CTT07	352	**Description**	O	AN 1/80

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. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	**M**	**N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments		
M	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 *Cite the same number that is contained in ST02.*		