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 commercial invoices to a DoD activity responsible for initiating 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 DoD on one or more shipments.

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

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		
8	030	NTE	Note/Special Instruction	O	100		
9	040	CUR	Currency	O	1		
11	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	
13	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		
20	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		
22	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
24	140	DTM	Date/Time Reference	O	10		
26	150	FOB	F.O.B. Related Instructions	O	1		
Not Used	160	PID	Product/Item Description	O	200		
Not Used	170	MEA	Measurements	O	40		
Not Used	180	PWK	Paperwork	O	25		

				Req.		Loop	Notes and
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	
27	240	N9	Reference Identification	O	1		
29	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	
30	290	FA1	Type of Financial Accounting Data	O	1		
31	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	
34	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		
39	040	TXI	Tax Information	O	10		
Not Used	050	CTP	Pricing Information	O	25		
Not Used	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
41	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		
42	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
44	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		
46	150	DTM	Date/Time Reference	O	10		
47	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		
Not Used	210	REF	Reference Identification	O	>1		
Not Used	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		
Not Used	237	TXI	Tax Information	O	10		
			LOOP ID - N1			200	
55	240	N1	Name	O	1		
57	250	N2	Additional Name Information	O	2		
58	260	N3	Address Information	O	2		
59	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	
60	350	FA1	Type of Financial Accounting Data	O	1		
61	360	FA2	Accounting Data	M	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
64	010	TDS	Total Monetary Value Summary	M	1		
65	020	TXI	Tax Information	O	10		
67	030	CAD	Carrier Detail	O	1		
Not Used	035	AMT	Monetary Amount	O	>1		
			LOOP ID - SAC			25	
68	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
71	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	
73	070	CTT	Transaction Totals	O	1	n2
74	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 commercial invoice, this date will represent the date of the invoice.		
M	**BIG02**	**76**	**Invoice Number**	**M**	**AN 1/22**
			Identifying number assigned by issuer		
			Use to uniquely identify the invoice transaction to an issuer. The invoice 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		
			When BIG05 is used, cite the date of the delivery order, call or release. When BIG05 is not used, 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, GSA Schedules and all other basic contracts), BPA number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number (PIIN) for DOD or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in 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		
			Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN) for DOD or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes.		
	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

26	Miscellaneous Services Invoice
AI	Adjusted Invoice

Use to indicate an adjusted invoice for Defense Fuels Supply Center (DFSC) transactions.

CO	Corrected

Use to indicate a corrected invoice for Standard Automated Materiel Management System (SAMMS) transactions.

CR	Credit Memo
DI	Debit Invoice

Use to indicate an ordinary invoice.

GA	Government Furnished Material Inquiry Advice
PB	Partial Bill
RE	Rebill

Use to indicate a rebill of the invoice on Standard Automated Materiel Management System (SAMMS) transactions.

RH	Request for Additional Funds

Used to identify the Navy SUPSHIP invoice.

TS	Transfer Statement
U9	Contract Payment Notice
VJ	Commercial Invoice
ZZ	Mutually Defined

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 invoice or a replacement invoice for one that was cancelled but which has a new number assigned.

01	Cancellation

Use to indicate the cancellation of a previously submitted invoice.

05	Replace

Use to indicate a replacement invoice using the same invoice number as a previously submitted invoice. When used, the replacement invoice will overwrite the original invoice 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

F	Final

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

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		
			ZZZ Mutually Defined		
			Enter ZZZ to submit a Shipment Number for NSI documents.		
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 BY 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		
			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
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:	*This 1/REF/050 segment is used to identify numbers that apply to all line items. When the reference number varies by line item, use 2/REF/120. When the reference number apply to a cited party in the N1 segment, use 1/REF/110.*

Data Element Summary

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

Code qualifying the Reference Identification

01	American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)
11	Account Number
55	Sequence Number
	Use to indicate the suffix letter associated with a replacement shipment (i.e., when transmitting the letter A to indicate the first replacement shipment).
ACC	Status
AT	Appropriation Number
BL	Government Bill of Lading
BM	Bill of Lading Number
	If REF01 = 'BM', enter Commercial Bill of Lading in REF02.
CE	Class of Contract Code
DO	Delivery Order Number
E9	Attachment Code
	Used to identify Attachment File Name.
FA	Federal Acquisition Regulations (FAR)
	Cite the FAST pay clause in REF02.
FS	Final Sequence Number
	Use to indicate the suffix letter associated with a final shipment number. (i.e., when transmitting the letter Z to indicate a final shipment).
IL	Internal Order Number
	Use to indicate the organization's unique internal order number.
K5	Task Order
OI	Original Invoice Number
P1	Previous Contract Number
PY	Payee's Financial Institution Account Number for Check, Draft or Wire Payments; Receiving Company Account Number for ACH Transfer

			RQ	Purchase Requisition Number		
			SG	Savings		
			SI	Shipper's Identifying Number for Shipment (SID)		
				Use to identify the shipment number.		
			TG	Transportation Control Number (TCN)		
				Use to indicate the TCN.		
			YP	Selling Arrangement		
	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. At least 2 iterations of this 1/N1/070 loop are required using codes PE and PO or PR.*

2. 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.

3. 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

BT	Bill-to-Party	
	Use to indicate the bill-to-office.	
BY	Buying Party (Purchaser)	
	Use to identify the Buying Party.	
C4	Contract Administration Office	
	Use to indicate the contract administration officer.	
II	Issuer of Invoice	
	Use to indicate the sender of the invoice in Defense Fuels Supply Center (DFSC) transactions.	
KX	Free on Board Point	
	Use to indicate the FOB site.	
L1	Inspection Location	
	WAWF uses this code for "Inspect By".	
PE	Payee	
	Use to indicate the party submitting the invoice.	
PO	Party to Receive Invoice for Goods or Services	
	Use to indicate the agency, organization, or activity that is to receive the electronic invoice.	
PR	Payer	
	Use to indicate the paying officer.	

			PV	Party performing certification		

			PV	Party performing certification
				Use to indicate the party responsible for certifying receipts of goods or services.
			RE	Party to receive commercial invoice remittance
				Use to indicate the remittance if other than the issuer of the invoice for Defense Fuels Supply Center (DFSC) transactions.
			RI	Remit To
				Use to indicate a specific remit-to address.
			SE	Selling Party
				Use to indicate the selling party for Defense Fuel Supply Center (DFSC) transactions.
			SF	Ship From
				Use to indicate the shipped from address.
			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 a location where a service, e.g., data entry, was performed.
			Z7	Mark-for Party
				Use when submitting a Fast Pay Invoice, FAR 52.213-1.
	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, DoD users of this implementation convention may require the use of other identification numbers for a transition period in order to cross reference existing databases.	
			1	D-U-N-S Number, Dun & Bradstreet
				1. Use to identify the invoicing party when code PE is cited in N101.
				2. Use to identify the remit-to party when code RI is cited in N101. Cite the DUNS that was identified on the contract as the remit-to DUNS.
			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.
			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. May use for Billing Office Address Code (BOAC).	
			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	
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 the cited party.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			CR	Customer Reference Number	
			Use to indicate a customer's internal reference number.		
			SY	Social Security Number	
			TJ	Federal Taxpayer's Identification Number	
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	REF03	352	**Description**	X	AN 1/80
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:					

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	
			AF	Authorized Financial Contact	
			AR	Accounts Receivable Department	
			CE	Certifier	
			IC	Information Contact	
			Use to indicate the communication number to be contacted with questions arising from the submission of this invoice.		
	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.		
	PER03	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM	Electronic Mail	
			FX	Facsimile	
			The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.		
			TE	Telephone	
			The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.		
	PER04	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
	PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

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

EM	Electronic Mail	
FX	Facsimile	

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

TE	Telephone	

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

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.

EM	Electronic Mail	
FX	Facsimile	

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

TE	Telephone	

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

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.

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
ZZ	Mutually Defined

Use to indicate term under a Commercial Item Finance Contract.

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

Code identifying the beginning of the terms period

Refer to 004010 Data Element Dictionary for acceptable code values.

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

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

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.

Ref. Des.	Data Element	Name	Attributes
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

	ITD06	446	**Terms Net Due Date**	O	**DT 8/8**

Date when total invoice amount becomes due expressed in format CCYYMMDD

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

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

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

Total amount of terms discount

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

Not Used	ITD09	388	**Terms Deferred Due Date**	O	**DT 8/8**
Not Used	ITD10	389	**Deferred Amount Due**	X	**N2 1/10**
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		
			009	Process	
			011	Shipped	
			035	Delivered	
			050	Received	
				WAWF uses this code for "Invoice Received"	
			139	Estimated	
			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	
				WAWF uses this code for "Acceptance Date"	
			266	Base	
				Use to indicate a billing demand month. When used, cite the last date of the applicable month.	
			458	Certification	
			517	Inspected	
			615	Date Acquired	
	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:		**FOB** F.O.B. Related Instructions			
Position:		150			
Loop:					
Level:		Heading			
Usage:		Optional			
Max Use:		1			
Purpose:		To specify transportation instructions relating to shipment			
Syntax Notes:		1	If FOB03 is present, then FOB02 is required.		
		2	If FOB04 is present, then FOB05 is required.		
		3	If FOB07 is present, then FOB06 is required.		
		4	If FOB08 is present, then FOB09 is required.		
Semantic Notes:		1	FOB01 indicates which party will pay the carrier.		
		2	FOB02 is the code specifying transportation responsibility location.		
		3	FOB06 is the code specifying the title passage location.		
		4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.		
Comments:					
Notes:		*This segment is not necessary when the order is for a service.*			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	FOB01	146	**Shipment Method of Payment**	M	ID 2/2
			Code identifying payment terms for transportation charges		
			BP	Paid by Buyer	
				Use to indicate a Government Bill of Lading (GBL) was issued.	
			PE	Prepaid and Summary Bill	
				Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.	
			PP	Prepaid (by Seller)	
				Use to indicate that transportation charges are not included in the unit price but are prepaid and are added as a separate item on this invoice.	
			PS	Paid by Seller	
				Use to indicate transportation charges are included in the unit price.	
Not Used	FOB02	309	**Location Qualifier**	X	ID 1/2
Not Used	FOB03	352	**Description**	O	AN 1/80
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2
Not Used	FOB05	335	**Transportation Terms Code**	X	ID 3/3
Not Used	FOB06	309	**Location Qualifier**	X	ID 1/2
Not Used	FOB07	352	**Description**	O	AN 1/80
Not Used	FOB08	54	**Risk of Loss Code**	O	ID 2/2
Not Used	FOB09	352	**Description**	X	AN 1/80

Segment:		**N9** Reference Identification	
Position:		240	
Loop:		N9 Optional	
Level:		Heading	
Usage:		Optional	
Max Use:		1	
Purpose:		To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	1	At least one of N902 or N903 is required.	
	2	If N906 is present, then N905 is required.	
Semantic Notes:	1	N906 reflects the time zone which the time reflects.	
	2	N907 contains data relating to the value cited in N902.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	M	**ID 2/3**
			Code qualifying the Reference Identification		
			01 American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)		
			02 Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) Identification (8 or 11 Characters)		
			11 Account Number		
			SG Savings		
			SY Social Security Number		
			TJ Federal Taxpayer's Identification Number		
	N902	127	**Reference Identification**	X	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	N903	369	**Free-form Description**	X	**AN 1/45**
			Free-form descriptive text		
	N904	373	**Date**	O	**DT 8/8**
			Date expressed as CCYYMMDD		
	N905	337	**Time**	X	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	N906	623	**Time Code**	O	**ID 2/2**
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.		
	N907	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		

			Refer to 004010 Data Element Dictionary for acceptable code values.		
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		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	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		
	C04005	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	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: **MSG** Message Text
Position: 250
Loop: N9 Optional
Level: Heading
Usage: Mandatory
Max Use: 10
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	MSG01	933	**Free-Form Message Text**	M	AN 1/264
			Free-form message text		
	MSG02	934	**Printer Carriage Control Code**	X	ID 2/2
			A field to be used for the control of the line feed of the receiving printer		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	MSG03	1470	**Number**	O	N0 1/9
			A generic number		

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/FA/290 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 as "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 element 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
		Use to indicate the Accountable Station Number.
	M1	Local Installation Data
	N1	Transaction Type
	P4	International Balance of Payments (IBOP) Code
	P5	Foreign Military Sales (FMS) Line Item Number
	P6	Contract Payment Notice (CPN) Recipient Indicator
	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 a specific line item. Allowances or charges identifiable to a line item will be included in that line's 2/SAC/180 loop. Invoice level of allowances or charges, that is, allowances or charges not identifiable to a specific item or line of billing, will be included in the 3/SAC/040 loop.

2. Use as many 235/234 pairs as necessary to describe the item being invoiced.

3. Use to cite multiple ACRNs/LOAs on a single CLIN, cite the CLIN on the first iteration at 2/IT101/010, the first ACRN/LOA amount at 2/SLN06/200 and the associated ACRN/LOA in the 2/FA1/350 and 2/FA2/360 loop. On the second and subsequent iterations of 2/IT101/010 cite ACRN0001 and increment one thereafter for each ACRN/LOA and cite the remaining ACRN amounts and associated ACRNs/LOAs.

4. The DCD will only accept 99,999 lines on an invoice versus the 200,000 which the IC will accommodate.

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		
		Use to identify the CLIN, SUBCLIN, or ELIN or other number identifying the line item.		
IT102	**358**	**Quantity Invoiced**	**X**	**R 1/10**
		Number of units invoiced (supplier units)		
		When billing for metered services, the quantity invoiced is the number of units of meter usage. (e.g., 1,000 kilowatts).		
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. Use to 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. An application program conversion table may be required to convert agency codes to codes used by ASC X12.

4. Use the code SX, Shipment, when IT101 is a line item for prepaid transportation charges. Use the 2/SAC/180 segment when not prepaid and add.

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.

Cite the contract or order unit price. In those cases where the line item was purchased without charge, cite the number "0".

IT105	**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.

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 (code FS), use code FS followed by the National Stock Number of the item. Descriptions should be kept to a minimum essential to identify the item for payment purposes. While any code may be used, listed codes are preferred.

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

A8   Exhibit Line Item Number
AK   Refined Product Code
*   Use to indicate a petroleum product type.*
B8   Batch Number
BL   Brand/Label
*   Use to indicate the product's brand or model name, e.g., Trinitron*
*   is the Sony brand name for a TV or a computer monitor.*
BS   Bill Subgroup Code
CH   Country of Origin Code
CG   Commodity Grouping Code
*   Use to indicate a commodity code, e.g., the 2 position*
*   Federal Supply Group Code.*
CH   Country of Origin Code
*   When used, cite the two position ISO 3166 country code*
*   in the following 234 data element.*
CL   Color
CN   Commodity Name
DG   Discount Grouping
*   Use to indicate a discount group to which the line*

item pertains.

EF *Exhibit Identifier*
Use to indicate the letter assigned to an exhibit.

EN *European Article Number (EAN)(2-5-5-1)*

EQ *Equipment Type*

F1 *Catalog Number*
Use to indicate a catalog number that identifies the product.

F7 *End-Item Description*
Use to indicate the end item to which the ordered item applies.

F8 *Next Higher Used Assembly*
Use to indicate the next higher assembly to which the ordered item applies.

FS *National Stock Number*
The NSN shall be transmitted as a continuous set of numbers, and without dashes.

FT *Federal Supply Classification*
See Code Source 27 in the ASC X12 standards for the FSC codes.

HI *HIBC (Health Industry Bar Code)*

IN *Buyer's Item Number*
Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

KA *Engineering Data List*

KB *Data Category Code*
When IT101 is a CLIN or SUBCLIN related to an exhibit, use to indicate data category of a Contract Data Requirements List.

KD *Replacement National Stock Number*

KF *Item Type Number*

KG *Time Compliant Technical Order*

KI *Cognizance Symbol*

KJ *Material Control Code*

KK *Special Material Identification Code*

KL *Item Management Code*

KM *Shelf-Life Code*

KN *Shelf-Life Action Code*

LT *Lot Number*

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

MG *Manufacturer's Part Number*
When used, a second 235/234 pair must be used citing either code MF or ZB.

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)*

PA *Pattern Number*

PD   Part Number Description
Use to indicate a clear text description of an item.
PI   Purchaser's Item Code
Use to indicate a GSA Special Item Number.
PU   Part Reference Number
Use to indicate a part number assigned by an industry
(not related to a specific manufacturer). Do not use for
National Drug Codes.
RC   Returnable Container No.
Use to indicate an NSN, manufacturer's part number, or
other identifying number (except a serial number) of a
returnable container.
SN   Serial Number
Use to indicate the serial number of the item cited in
IT101. For example, the serial number of an aircraft
engine that is to be repaired.
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)
Use to indicate the size of an item being ordered.
TP   Product Type Code
Use to indicate a specific product type. Do not use for
petroleum products; use code AK.
UA   U.P.C./EAN Case Code (2-5-5)
UD   U.P.C./EAN Consumer Package Code
UI   U.P.C. Consumer Package Code (1-5-5)
UK   U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UN   U.P.C. Case Code Number
UP   U.P.C. Consumer Package Code (1-5-5-1)
UX   Universal Product Number
VP   Vendor's (Seller's) Part Number
Use to indicate a part number assigned by a contractor
other than a manufacturer.
ZB   Commercial and Government Entity (CAGE)
Use, as applicable, to indicate a CAGE code when not otherwise
a part of a cited manufacturer's part number.

Refer to 004010 Data Element Dictionary for acceptable code values.

IT107	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

IT108	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT109	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

IT110	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT111	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

IT112	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT113	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT114	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT115	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT116	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT117	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT118	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT119	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT120	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT121	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT122	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT123	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT124	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 004010 Data Element Dictionary for acceptable code values.

IT125	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Segment:	**TXI** Tax Information	
Position:	040	
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify tax information	
Syntax Notes:	1	At least one of TXI02 TXI03 or TXI06 is required.
	2	If either TXI04 or TXI05 is present, then the other is required.
	3	If TXI08 is present, then TXI03 is required.
Semantic Notes:	1	TXI02 is the monetary amount of the tax.
	2	TXI03 is the tax percent expressed as a decimal.
	3	TXI07 is a code indicating the relationship of the price or amount to the associated segment.
Comments:		
Notes:	*Use this 2/TXI/040 segment only if taxes apply to a line item.*	

Data Element Summary

	Ref. 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*
            Use to indicate local taxes
LS   *State and Local Sales Tax*
SA   *State Fuel Tax*
SE   *State Excise Tax*
            Use to indicate state excise tax
SF   *Super fund*
            Use to indicate the Super Fund Tax

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:	**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.	

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		
		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		
ITD05	351	**Terms Discount Days Due**	X	N0 1/3

			Number of days in the terms discount period by which payment is due if terms discount is earned		
	ITD06	**446**	**Terms Net Due Date**	**O**	**DT 8/8**
			Date when total invoice amount becomes due expressed in format CCYYMMDD		
	ITD07	**386**	**Terms Net Days**	**O**	**N0 1/3**
			Number of days until total invoice amount is due (discount not applicable)		
	ITD08	**362**	**Terms Discount Amount**	**O**	**N2 1/10**
			Total amount of terms discount		
			Use, if needed, to prevent differences that can result from rounding off methods.		
Not Used	**ITD09**	**388**	**Terms Deferred Due Date**	**O**	**DT 8/8**
Not Used	**ITD10**	**389**	**Deferred Amount Due**	**X**	**N2 1/10**
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

12	Billing Account	
	Use to indicate the Invoice Account Number.	
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.)	
AA	Accounts Receivable Statement Number	
AP	Accounts Receivable Number	
AT	Appropriation Number	
AW	Air Waybill Number	
BL	Government Bill of Lading	
	Use to indicate the government bill of lading number.	
CA	Cost Allocation Reference	
FA	Federal Acquisition Regulations (FAR)	
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).	
IL	Internal Order Number	
K5	Task Order	
OI	Original Invoice Number	
RQ	Purchase Requisition Number	
	Use to indicate the purchase requisition number which is the 14/15 position MILSTRIP requisition number (or other 14/15 position document number of non-MILSTRIP items) associated to the current line item.	
SE	Serial Number	
	Use to indicate the item's serial number.	
SI	Shipper's Identifying Number for Shipment (SID)	

			Use to indicate the vendor shipping number.		
			TG	Transportation Control Number (TCN)	
			ZZ	Mutually Defined	
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	REF03	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
Not Used	**REF04**	**C040**	**Reference Identifier**	**O**	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
Not Used	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	**C04003**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
Not Used	**C04004**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	**C04005**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
Not Used	**C04006**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:		**DTM** Date/Time Reference			

Position: 150
Loop: IT1   Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:
  1   At least one of DTM02 DTM03 or DTM05 is required.
  2   If DTM04 is present, then DTM03 is required.
  3   If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes:

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

2. Use this 2/DTM/150 segment to specify the dates of the line item data for the invoice. 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

007	Effective	

Use to indicate the effective date.

011	Shipped

Use to indicate the date the goods were shipped.

035	Delivered
135	Booking

Use to indicate a billing revenue period. When used, identify the period in DTM06.

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.

266	Base

Use to indicate a billing demand month. When used, cite the last date of the applicable month.

321	Purchased
458	Certification

	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:	**CAD** Carrier Detail		
Position:	160		
Loop:	IT1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify transportation details for the transaction		
Syntax Notes:	1 At least one of CAD05 or CAD04 is required.		
	2 If CAD07 is present, then CAD08 is required.		
Semantic Notes:			
Comments:			
Notes:	*1. Use only when a different type of transportation method is used than identified in the purchase order.*		
	2. Use this 2/CAD/160 segment to identify the transportation data that vary by line item. When the transportation information applies to all line items in the invoice, use the 3/CAD/030 segment.		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
CAD01	**91**	**Transportation Method/Type Code**	**O**	**ID 1/2**

Code specifying the method or type of transportation for the shipment

1. Use to indicate the transportation method/type code for the line items.

2. An application program conversion table may be required to convert agency codes to codes used by ASC X12.

Refer to 004010 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes	
Not Used	**CAD02**	**206**	**Equipment Initial**	**O** **AN 1/4**
Not Used	**CAD03**	**207**	**Equipment Number**	**O** **AN 1/10**
Not Used	**CAD04**	**140**	**Standard Carrier Alpha Code**	**X** **ID 2/4**
Must Use	**CAD05**	**387**	**Routing**	**X** **AN 1/35**

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Always cite the number 1. This data element is used to satisfy an X12 syntax requirement. The data, (i.e., the number 1), shall not be processed by the receiving application program.

Ref. Des.	Data Element	Name	Attributes	
Not Used	**CAD06**	**368**	**Shipment/Order Status Code**	**O** **ID 2/2**
Not Used	**CAD07**	**128**	**Reference Identification Qualifier**	**O** **ID 2/3**
Not Used	**CAD08**	**127**	**Reference Identification**	**X** **AN 1/30**
Not Used	**CAD09**	**284**	**Service Level Code**	**O** **ID 2/2**

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 also to identify the amount of the line item total invoice amount that is to be applied to the accounting data cited in SAC15.	

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	
N	No Allowance or Charge	

Use to indicate that the amount cited in SAC05 is to be applied to the accounting data identified in SAC15.

	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X ID 4/4

Code identifying the service, promotion, allowance, or charge

Any code may be used except those referring to taxes which should be carried in the TXI segment.

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 accounting data 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 is code ZZZZ, cite the line item invoiced amount that is to be applied to the accounting data identified in SAC15.

3. Use to indicate line item amount disallowed by government certifier when SAC02 = "B050".

	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 accounting data 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 to the cited charge amounts.*			

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		
			Use to indicate local taxes		
			LS State and Local Sales Tax		
			SA State Fuel Tax		
			SE State Excise Tax		
			Use to indicate state excise tax		
			SF Super fund		
			Use to indicate the Super Fund Tax		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	TXI02	782	**Monetary Amount**	X	R 1/18
			Monetary amount		
	TXI03	954	**Percent**	X	R 1/10
			Percentage expressed as a decimal		
			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: **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: *Use to identify the portion of the invoice which is attributed to Government Furnished Material.*

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		
	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		
			O Information Only		
	SLN04	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	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
	SLN06	212	**Unit Price**	X	R 1/17

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

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

	SLN10	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	SLN11	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN12	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN13	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN14	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN15	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN16	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN17	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN18	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN19	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN20	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN21	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN22	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN23	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN24	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN25	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN26	234	**Product/Service ID**	X	AN 1/48
Not Used	SLN27	235	**Product/Service ID Qualifier**	X	ID 2/2
Not Used	SLN28	234	**Product/Service ID**	X	AN 1/48

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:		*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		
			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, DoD users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing databases.		
			1 D-U-N-S Number, Dun & Bradstreet		
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			10 Department of Defense Activity Address Code (DODAAC)		
			33 Commercial and Government Entity (CAGE)		
			A2 Military Assistance Program Address Code (MAPAC)		
			FA Facility Identification		
			Use to identify the vendor facility that cannot be identified by either a DoDAAC, CAGE or DUNS number.		
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	

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/FA/290 segment may be required to transmit the complete LOA if it is longer than 80 characters.

	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 as "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	
CY	Current Year Costs	
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 element 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	
		Use to indicate the Accountable Station Number.
M1	Local Installation Data	
N1	Transaction Type	
P4	International Balance of Payments (IBOP) Code	
P5	Foreign Military Sales (FMS) Line Item Number	
P6	Contract Payment Notice (CPN) Recipient Indicator	

			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

		TDS Total Monetary Value Summary
Segment:		
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
*   Use to indicate local taxes*
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
*   Use to indicate state excise tax*
SF   Super fund
*   Use to indicate the Super Fund Tax*

Refer to 004010 Data Element Dictionary for acceptable code values.

	TXI02	782	**Monetary Amount**	X	R 1/18

Monetary amount

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

Percentage expressed as a decimal

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:	**CAD** Carrier Detail		
Position:	030		
Loop:			
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify transportation details for the transaction		
Syntax Notes:	**1** At least one of CAD05 or CAD04 is required.		
	2 If CAD07 is present, then CAD08 is required.		
Semantic Notes:			
Comments:			
Notes:	*1. Use only when a different type of transportation method is used than identified in the purchase order.*		
	2. Use this 3/CAD/030 segment to identify transportation information that applies to all line items. When the transportation information varies by line item, use the 2/CAD/160 segment.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	CAD01	**91**	**Transportation Method/Type Code**	**O**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment		
			1. Use to indicate the transportation method/type code for the line items.		
			2. An application program conversion table may be required to convert agency codes to codes used by ASC X12.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	**CAD02**	**206**	**Equipment Initial**	**O**	**AN 1/4**
Not Used	**CAD03**	**207**	**Equipment Number**	**O**	**AN 1/10**
Not Used	**CAD04**	**140**	**Standard Carrier Alpha Code**	**X**	**ID 2/4**
Must Use	**CAD05**	**387**	**Routing**	**X**	**AN 1/35**
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
			Always cite the number 1. This data element is used to satisfy an X12 syntax requirement. The data shall not be processed by the receiving application program.		
Not Used	**CAD06**	**368**	**Shipment/Order Status Code**	**O**	**ID 2/2**
Not Used	**CAD07**	**128**	**Reference Identification Qualifier**	**O**	**ID 2/3**
Not Used	**CAD08**	**127**	**Reference Identification**	**X**	**AN 1/30**
Not Used	**CAD09**	**284**	**Service Level Code**	**O**	**ID 2/2**

	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:		
			B050 - Certification		
			B570 - Container Deposits		
			B660 - Contract Allowance		

C040 - Delivery
C310 - Discount
D340 - Goods and Services Charge
D350 - Goods and Services Credit Allowance
D900 - Installation
D980 - Insurance
F050 - Other (See related description)
F110 - Overrun Charge
F155 - Packaging
F650 - Preparation
F680 - Price Deviation
F690 - Prior Balance
F810 - Promotional Discount
F910 - Quantity Discount
F920 - Quantity Surcharge
I170 - Trade Discount
I180 - Trade In

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			
			* Use to indicate local taxes*			
			LS State and Local Sales Tax			
			SA State Fuel Tax			
			SE State Excise Tax			
			* Use to indicate state excise tax*			
			SF Super fund			
			* Use to indicate the Super Fund Tax*			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
	TXI02	**782**	**Monetary Amount**		**X**	**R 1/18**
			Monetary amount			
	TXI03	**954**	**Percent**		**X**	**R 1/10**
			Percentage expressed as a decimal			
			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 applicable to the total charges that must be added to the total invoice amount.		
		I	Included		
			Use to indicate the total tax amount applicable to the total charges that is already included in the total invoice 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: **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.

	Ref. Des.	Data Element	Name	Attributes	
	CTT02	**347**	**Hash Total**	**O**	**R 1/10**

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

Example:

-.0018 First occurrence of value being hashed.

.18 Second occurrence of value being hashed.

1.8 Third occurrence of value being hashed.

18.01 Fourth occurrence of value being hashed.

1855 Hash total prior to truncation.
855 Hash total after truncation to three-digit field.

	Ref. Des.	Data Element	Name	Attributes	
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.	