

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 implementation convention to send non-certified invoices from an authorized certifying official to the Defense Finance and Accounting Service and/or related data for reimbursable billings to include disbursement and collection information.

2. For the commercial purchase card system, single or multiple invoices can be sent at the approving official level.

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	
Not Used	030	NTE	Note/Special Instruction	O	100		
Not Used	040	CUR	Currency	O	1		
8	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
10	060	PER	Administrative Communications Contact	O	3		
LOOP ID - N1						200	
12	070	N1	Name	O	1		
Not Used	080	N2	Additional Name Information	O	2		
Not Used	090	N3	Address Information	O	2		
Not Used	100	N4	Geographic Location	O	1		
14	110	REF	Reference Identification	O	12		
16	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		
18	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
20	140	DTM	Date/Time Reference	O	10		
Not Used	150	FOB	F.O.B. Related Instructions	O	1		
Not Used	160	PID	Product/Item Description	O	200		
Not Used	170	MEA	Measurements	O	40		
Not Used	180	PWK	Paperwork	O	25		

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Not Used	190	PKG	Marking, Packaging, Loading	O	25	
Not Used	200	L7	Tariff Reference	O	1	
Not Used	212	BAL	Balance Detail	O	>1	
Not Used	213	INC	Installment Information	O	1	
Not Used	214	PAM	Period Amount	O	>1	
LOOP ID - LM						10
Not Used	220	LM	Code Source Information	O	1	
Not Used	230	LQ	Industry Code	M	100	
LOOP ID - N9						1
Not Used	240	N9	Reference Identification	O	1	
Not Used	250	MSG	Message Text	M	10	
LOOP ID - V1						>1
Not Used	260	V1	Vessel Identification	O	1	
Not Used	270	R4	Port or Terminal	O	>1	
Not Used	280	DTM	Date/Time Reference	O	>1	
LOOP ID - FA1						>1
Not Used	290	FA1	Type of Financial Accounting Data	O	1	
Not Used	300	FA2	Accounting Data	M	>1	

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - IT1						200000	
21	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
Not Used	015	QTY	Quantity	O	5		n1
24	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
Not Used	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	
Not Used	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		
Not Used	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	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		
Not Used	150	DTM	Date/Time Reference	O	10		
Not Used	160	CAD	Carrier Detail	O	>1		

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Not Used	170	L7	Tariff Reference	O	>1
Not Used	175	SR	Requested Service Schedule	O	1
LOOP ID - SAC					25
27	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	190	TXI	Tax Information	O	10
LOOP ID - SLN					1000
30	200	SLN	Subline Item Detail	O	1
34	205	DTM	Date/Time Reference	O	1
35	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
37	240	N1	Name	O	1
Not Used	250	N2	Additional Name Information	O	2
Not Used	260	N3	Address Information	O	2
Not Used	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
38	350	FA1	Type of Financial Accounting Data	O	1
40	360	FA2	Accounting Data	M	>1

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
43	010	TDS	Total Monetary Value Summary	M	1		
Not Used	020	TXI	Tax Information	O	10		
Not Used	030	CAD	Carrier Detail	O	1		
Not Used	035	AMT	Monetary Amount	O	>1		
LOOP ID - SAC						25	
44	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	050	TXI	Tax Information	O	10		

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LOOP ID - ISS			>1			
Not Used	060	ISS	Invoice Shipment Summary	O	1	
Not Used	065	PID	Product/Item Description	O	1	
47	070	CTT	Transaction Totals	O	1	n2
48	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.	Data Des.	Element	Name	Attributes
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 810 Invoice	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.</i>	M AN 4/9

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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BIG01	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			<i>1. For Purchase Card, cite the invoice date.</i>	
			<i>2. For PowerTrack, cite the date the invoice was first created.</i>	
M	BIG02	76	Invoice Number	M AN 1/22
			Identifying number assigned by issuer	
Must Use	BIG03	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
			<i>1. Cite the Purchase Order date.</i>	
			<i>2. For the Purchase Card, cite the effective date of the General Services Administration (GSA) contract.</i>	
			<i>3. For PowerTrack, cite the date invoice was sent.</i>	
	BIG04	324	Purchase Order Number	O AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			<i>1. For the Purchase Card system, cite the GSA contract number.</i>	
			<i>2. Not used in the PowerTrack system.</i>	
	BIG05	328	Release Number	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
			<i>Use to cite the Delivery Order number. Not used in the Purchase Card system.</i>	

	BIG06	327	Change Order Sequence Number	O AN 1/8
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
Must Use	BIG07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
		26	Miscellaneous Services Invoice	
		27	Warehouse Services Invoice	
			<i>Cite for non-temporary storage type invoices.</i>	
		CI	Consolidated Invoice	
Must Use	BIG08	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set	
		01	Cancellation	
			<i>Not used in Purchase Card system.</i>	
		33	Request for Payment	
Must Use	BIG09	306	Action Code	O ID 1/2
			Code indicating type of action	
		A1	Certified in total	
Not Used	BIG10	76	Invoice Number	O AN 1/22
			Identifying number assigned by issuer	

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
		11	Account Number	<i>Not used for Purchase Card invoices.</i>
		14	Master Account Number	<i>1. For Purchase Card system, use to indicate the billing or approving official.</i> <i>2. For PowerTrack, use to indicate the transportation officer's account number.</i>
		16	Military Interdepartmental Purchase Request (MIPR) Number	<i>Not used for Purchase Card invoices.</i>
		DD	Document Identification Code	<i>Use to identify the commitment number. Not used for Purchase Card invoices.</i>
		IL	Internal Order Number	<i>1. Use to indicate the requisition (e.g., MILSTRIP) FEDSTRIP document number.</i> <i>2. Not used for Purchase Card invoices.</i>
		RQ	Purchase Requisition Number	<i>Not used for Purchase Card invoices.</i>
		VR	Vendor ID Number	<i>Not used for Purchase Card invoices.</i>
		W8	Suffix	<i>1. Use to indicate a MILSTRIP/FEDSTRIP</i>

requisition suffix number. Use in conjunction with code IL.

2. Not used for Purchase Card invoices.

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

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

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

Semantic Notes:

Comments:

Notes: *Must use this segment for PowerTrack.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			IC Information Contact	
	PER02	93	Name	O AN 1/60
			Free-form name	
			<i>Must use for PowerTrack.</i>	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>Must use for PowerTrack.</i>	
			TE Telephone	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
			<i>Must use for PowerTrack.</i>	
	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			FX Facsimile	
	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	
			EM Electronic Mail	
	PER08	364	Communication Number	X AN 1/80

Complete communications number including country or area code when applicable

Not Used **PER09** **443** **Contact Inquiry Reference** **O AN 1/20**

Additional reference number or description to clarify a contact number

Segment: **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. *The first iteration of the N1 segment is used to identify the certifying official; the second iteration of the N1 segment is used to identify the Federal Tax ID.*
 2. *For PowerTrack, use only one iteration of this segment, identifying the certifying official.*

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		88 Approver	
			<i>Used to indicate the billing or approving official. Must use for PowerTrack.</i>
		PE Payee	
			<i>Use to identify the party to receive payment.</i>
		PR Payer	
			<i>Use to identify the DoD Disbursing Office that will make payment.</i>
	N102	93 Name	X AN 1/60
		Free-form name	
			<i>For Purchase Card - use to indicate merchant name.</i>
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10 Department of Defense Activity Address Code	

(DODAAC)

For Purchase Card, use to indicate approval official's code.

- 33 Commercial and Government Entity (CAGE)
- 93 Code assigned by the organization originating the transaction set

Must use for PowerTrack.

- M3 Disbursing Station

	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
Not Used	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	

Segment: **REF** Reference Identification

Position: 110

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 12

Purpose: To specify identifying information

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

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

Comments:

Notes: *Must use this segment for the Purchase Card.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
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	
			<i>Use to indicate the checking account or bank account number.</i>	
			1J Facility ID Number	
			<i>Use to cite the type of corporation. In REF02, cite the Corporate Status code used in the LCD segment of the 838 Trading Partner Profile Implementation Convention.</i>	
			SG Savings	
			TJ Federal Taxpayer's Identification Number	
			<i>This code must be used with Purchase Card.</i>	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	

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

Segment: **PER** Administrative Communications Contact
Position: 120
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

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

Semantic Notes:

Comments:

Notes: *Must use this segment for PowerTrack.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			IC Information Contact	
	PER02	93	Name	O AN 1/60
			Free-form name	
			<i>Must use for PowerTrack.</i>	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>Must use for PowerTrack.</i>	
			TE Telephone	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
			<i>Must use for PowerTrack.</i>	
	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			FX Facsimile	
	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	
			EM Electronic Mail	
	PER08	364	Communication Number	X AN 1/80

Complete communications number including country or area code when applicable

Not Used **PER09** **443** **Contact Inquiry Reference** **O AN 1/20**

Additional reference number or description to clarify a contact number

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	<ol style="list-style-type: none"> 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ITD01	336	Terms Type Code	O ID 2/2
		Code identifying type of payment terms	
		16 Prompt Payment Act	
		<i>Use to indicate the terms.</i>	
		17 Terms not Applicable	
		21 Fast Pay	
		23 Payment Due Upon Receipt of Invoice	
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	
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)	

Not Used	ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
Not Used	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD	O DT 8/8
Not Used	ITD10	389	Deferred Amount Due Deferred amount due for payment	X N2 1/10
Not Used	ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	X R 1/5
Not Used	ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2
Not Used	ITD14	107	Payment Method Code Code identifying type of payment procedures	O ID 1/2
Not Used	ITD15	954	Percent Percentage expressed as a decimal	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: *Must use this segment for PowerTrack.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		050	Received	
			<i>1. Use to indicate date invoice was received for Prompt Payment Act (PPA) purposes.</i>	
			<i>2. For Purchase Card, use to indicate when invoice information is available to card holder in warehouse.</i>	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **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: *This segment will be used to convey information for the non-certified invoice, disbursement, and/or collections. The IT1 loop will be used in conjunction with the SLN loop, to convey amounts distributed by the appropriation. Must use this segment for PowerTrack.*

Data Element Summary

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

Alphanumeric characters assigned for differentiation within a transaction set

1. For Purchase Card - use SUM000001 on the first iteration, citing the amount in the IT104. If multiple lines of accounting, use the sequence number ACRN00001 on the second iteration and increment by one thereafter citing the obligation amount in the SLN loop and the associated Line of Accounting (LOA) in 2/FAI/350 loop.

2. For disbursements use sequence number DISB000001 on the first iteration and cite the total dollar value amount in IT104. If multiple lines of accounting, use sequence number ACRN00001 on the second iteration and increment by one thereafter. Cite the appropriation

amount in the SLN loop and the appropriation in the 2/FAI/350 loop.

3. For collections use sequence number COL000001 on the first iteration and cite the total dollar value amount in IT104. If multiple lines of accounting, use sequence number ACRN00001 on the second iteration and increment by one thereafter. Cite the appropriation amount in the SLN loop and the appropriation in the 2/FAI/350 loop.

IT102 358 Quantity Invoiced X R 1/10

Number of units invoiced (supplier units)

1. For Purchase Card - when IT101 begins with SUM, use the quantity of 1. Do not use this data element when IT101 begins with ACRN.

2. For PowerTrack - when the IT101 begins with SUM, cite the number of TCNs (SLN loops) associates to LOA. Do not use this data element when IT101 begins with TCN.

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

Do not use this data element when IT101 is ACRN00001 or TCN00001.

EA Each

IT104 212 Unit Price X R 1/17

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

1. For Purchase Card - when IT101 begins with SUM, cite the amount of the invoice. Do not use this data element when IT101 begins with ACRN.

2. When IT101 is COL000001, use to indicate the total dollar value of the transaction. Do not use this data element when IT101 is ACRN00001.

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

Code identifying the type of unit price for an item

Not Used 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)

Not Used IT107 234 Product/Service ID X AN 1/48

Identifying number for a product or service

Not Used 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)

Not Used IT109 234 Product/Service ID X AN 1/48

Identifying number for a product or service

Not Used IT110 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in

			Product/Service ID (234)	
Not Used	IT111	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT112	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT113	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT114	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT115	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT116	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT117	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT118	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT119	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT120	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT121	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT122	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT123	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	IT124	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	IT125	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	

Segment:	CUR Currency
Position:	020
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	CUR01	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280	Exchange Rate	O R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR05	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	

CUR06	669	Currency Market/Exchange Code	O ID 3/3
		Code identifying the market upon which the currency exchange rate is based	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR07	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR08	373	Date	O DT 8/8
		Date expressed as CCYYMMDD	
CUR09	337	Time	O TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
CUR10	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR11	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR12	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)	
CUR13	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR14	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR15	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)	
CUR16	374	Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR17	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
CUR18	337	Time	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR19 374 Date/Time Qualifier X ID 3/3

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

Refer to 004010 Data Element Dictionary for acceptable code values.

CUR20 373 Date X DT 8/8

Date expressed as CCYYMMDD

CUR21 337 Time X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment: **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: *Use this segment to indicate credit/debit flag. This flag is used as a quick reference to determine whether the item listed is a charge or a refund.*

Data Element Summary

Ref.	Data		
Des.	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	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4

Code identifying the service, promotion, allowance, or charge

A170 Adjustments

Use this code for a debit at the line item level. The total number of debits on this invoice is carried in 3/SAC/040.

B800 Credit

Use this code for a credit at the line item level. The total number of credits on this invoice is carried in 3/SAC/040.

	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
	SAC08	118	Rate	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
Not Used	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		
Not Used	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or charge		
Not Used	SAC13	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	Description	X	AN 1/80

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

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

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment: **SLN** Subline Item Detail

Position: 200

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

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

- Semantic Notes:**
- 1 SLN01 is the identifying number for the subline item.
 - 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
 - 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
 - 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

- Comments:**
- 1 See the Data Element Dictionary for a complete list of IDs.
 - 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
 - 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: *1. For Purchase Card - use an iteration of this segment to convey amounts associated with the Line of Accounting (LOA) in 2/FA1/350 when the IT1 loop begins with ACRN. Place the obligation amount in SLN06 and the LOA in the 2/FA2/350 loop.*

2. There should only be one iteration of this loop per IT1 loop.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350 Assigned Identification	M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	

For Purchase Card - use as a counter to identify each line item in the transaction.

Not Used	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
M	SLN03	662	Relationship Code Code indicating the relationship between entities I Included	M ID 1/1
Must Use	SLN04	380	Quantity Numeric value of quantity	X R 1/15
<i>Use "I".</i>				
Must Use	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15

Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Must Use	SLN06	212	Unit Price Price per unit of product, service, commodity, etc. <i>Use to cite obligation amount.</i>	X R 1/17
Not Used	SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O ID 2/2
Not Used	SLN08	662	Relationship Code Code indicating the relationship between entities	O ID 1/1
Not Used	SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN10	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN11	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN12	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN13	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN14	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN15	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN16	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN17	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN18	234	Product/Service ID Identifying number for a product or service	X AN 1/48

Not Used	SLN19	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN20	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN21	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN22	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN24	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN26	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN27	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN28	234	Product/Service ID Identifying number for a product or service	X AN 1/48

Segment: **DTM** Date/Time Reference
Position: 205
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
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:

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		097 Transaction Creation	
		809 Posted	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	Reference Identification Qualifier	M ID 2/3
	128	Code qualifying the Reference Identification	
	11	Account Number	<i>Used to indicate billing number for Purchase Card.</i>
	16	Military Interdepartmental Purchase Request (MIPR) Number	
	74	Work Breakdown Structure (WBS)	<i>Use to indicate the 13 position Work Breakdown Structure.</i>
	91	Cost Element	<i>Use to indicate the cost code site.</i>
	BB	Authorization Number	
	BM	Bill of Lading Number	<i>Use to indicate the Bill of Lading number.</i>
	C7	Contract Line Item Number	
	CNO	Commitment Number	<i>Use to indicate the commitment / requisition document number.</i>
	DD	Document Identification Code	<i>Use to identify the commitment number.</i>
	IL	Internal Order Number	<i>Use to indicate the requisition (e.g., MILSTRIP) FEDSTRIP document number.</i>
	JS	Job Sequence Number	<i>Use to indicate the 12 position Navy internal Job Order Number.</i>

RQ	Purchase Requisition Number
S3	Specification Number <i>Use to indicate the 7 position Shop Number.</i>
TG	Transportation Control Number (TCN) <i>Use to cite the transportation control number (TCN).</i>
TN	Transaction Reference Number
W8	Suffix <i>Use to indicate a MILSTRIP/FEDSTRIP requisition suffix number. Use in conjunction with code IL.</i>

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: **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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		R6 Requester	
			<i>Use to indicate disbursement when the IT1 is DISB000001.</i>
		SJ Service Provider	
			<i>Use to indicate collections when the IT1 is COL000001.</i>
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		LC Agency Location Code (U.S. Government)	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
Not Used	N105	706 Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
Not Used	N106	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	

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

Syntax Notes:

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

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FA101	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		DF Department of Defense (DoD)	
		<i>Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.</i>	
		DN Department of the Navy	
		DY Department of Air Force	
		DZ Department of Army	
		FG Federal Government	
		<i>DoD Special Instructions:</i>	
		<i>1. Use this code to indicate a Federal agency other than DoD or the military services that originated the line of accounting.</i>	
		<i>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/350 segment may be required to transmit the complete LOA if it is longer than 80 characters</i>	
Not Used	FA102	1300 Service, Promotion, Allowance, or Charge Code	O ID 4/4
		Code identifying the service, promotion, allowance, or charge	
Not Used	FA103	248 Allowance or Charge Indicator	O ID 1/1
		Code which indicates an allowance or charge for the service specified	

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		18 Funds Appropriation	<i>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.</i>
		A1 Department Indicator	<i>Use to indicate the two position department code.</i>
		A2 Transfer from Department	<i>Use to indicate the two position transfer from department.</i>
		A3 Fiscal Year Indicator	<i>Use to indicate the eight position fiscal year. The first four positions represent the first year funds are available and the last four positions represent the last year funds are available. Example: Year one 1999, year two 2000 would be cited as "19992000"</i>
		A4 Basic Symbol Number	<i>Use to indicate the four position code assigned by Treasury that indicates the type of funds for appropriation.</i>
		A5 Sub-class	<i>Use to indicate the four position numeric suffix. This identifies the subdivision of funds that restricts the amount or use of funds.</i>
		A6 Sub-Account Symbol	

	<i>Use to indicate the two position Fund Code or Material Category code.</i>
B1	Budget Activity Number <i>Use to indicate the two position Operation Agency Code that indicates the issuing organization.</i>
B2	Budget Sub-activity Number <i>Use to indicate the Allotment Serial number that indicates the distribution of funds.</i>
B3	Budget Program Activity <i>Use to indicate the six position activity address code of the card holder.</i>
B4	Program Year Indicator <i>Use to indicate the one position Program Year.</i>
C1	Program Element <i>Use to indicate the program element codes.</i>
C2	Project Task or Budget Subline
D1	Defense Agency Allocation Recipient
D4	Component Sub-allocation Recipient <i>Use to indicate the Job Order/Work Center Order Number for assigning cost to a specific project.</i>
D6	Sub-allotment Recipient <i>Use to indicate the one position Sub-allotment Recipient.</i>
D7	Work Center Recipient <i>Use to indicate the six position Work Center Recipient.</i>
E2	Detail Reimbursement Source Code
E3	Customer Indicator <i>Use to indicate the six position customer identifier who has requested the goods or services.</i>
F1	Object Class <i>Use to indicate the Object Class, Element of Resource or the Element of Expense.</i>
F3	Government or Public Sector Identifier <i>Use to indicate the government or public source providing the goods or services.</i>
G2	Special Interest Code or Special Program Cost Code
H1	Cost Code <i>Use to indicate the Cost Code.</i>
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)

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

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

Comments:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	TDS01	610	Amount Monetary amount <i>1. For the Purchase Card this data element should indicate the invoice amount.</i> <i>2. For the disbursement and/or collection, this data element should indicate the total transaction amount.</i>	M N2 1/15
Not Used	TDS02	610	Amount Monetary amount	O N2 1/15
Not Used	TDS03	610	Amount Monetary amount	O N2 1/15
Not Used	TDS04	610	Amount Monetary amount	O N2 1/15

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 to indicate the summary of the total number of debits and credits.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified Refer to 004010 Data Element Dictionary for acceptable code values.	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	

A170 Adjustments

Use this code for a debit. The total number of debits on this invoice is carried in 3/SAC/040.

B800 Credit

Use this code for a credit. The total number of credits on this invoice is carried in 3/SAC/040.

	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
	SAC08	118	Rate	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
Not Used	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		
Not Used	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or charge		
Not Used	SAC13	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		

Not Used **SAC16** **819** **Language Code** **O ID 2/3**
Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment: **CTT Transaction Totals**

Position: 070

Loop:

Level: Summary

Usage: Optional

Max Use: 1

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

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

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

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
M	CTT01	354 Number of Line Items	M N0 1/6
		Total number of line items in the transaction set	
	CTT02	347 Hash Total	O R 1/10
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	CTT03	81 Weight	X R 1/10
		Numeric value of weight	
Not Used	CTT04	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	CTT05	183 Volume	X R 1/8
		Value of volumetric measure	
Not Used	CTT06	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	CTT07	352 Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **SE** Transaction Set Trailer
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

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

Notes: *Cite the same number that is contained in ST02.*

Data Element Summary

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