

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. Finance and accounting offices, invoicing (billing) offices and other offices use this transaction set to forward DoD Defense Logistics Management System (DLMS) invoices for material and related services exchanged between DoD components and other participating Federal Agencies.

2. Use a single occurrence of this transaction set to bill or provide adjustments for one or more items provided to a single paying (bill-to) office under DLMS procedures. The transaction set may include multiple allowances and charges related to those lines of billing or to the invoice as a whole. Use one occurrence of this transaction set to transmit single or multiple transactions.

3. The total number of IT1 and SAC segments may not exceed 495.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
5	010	ST	Transaction Set Header	M	1		
6	020	BIG	Beginning Segment for Invoice	M	1		
8	030	NTE	Note/Special Instruction	O	100		
Not Used	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
9	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		
Not Used	110	REF	Reference Identification	O	12		
Not Used	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
14	140	DTM	Date/Time Reference	O	10		

810L - Invoice (Logistics Bill)

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
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
15	220	LM	Code Source Information	O	1
16	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
17	290	FA1	Type of Financial Accounting Data	O	1
18	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	
20	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
58	015	QTY	Quantity	O	5		n1
Not Used	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		
60	120	REF	Reference Identification	O	>1		
Not Used	125	YNQ	Yes/No Question	O	10		

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Not Used	130	PER	Administrative Communications Contact	O	5
Not Used	140	SDQ	Destination Quantity	O	500
62	150	DTM	Date/Time Reference	O	10
64	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
67	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	190	TXI	Tax Information	O	10
LOOP ID - SLN					1000
Not Used	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
70	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
72	300	LM	Code Source Information	O	1
73	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
78	350	FA1	Type of Financial Accounting Data	O	1
79	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>
81	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		

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LOOP ID - SAC			25		
82	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	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
85	070	CTT	Transaction Totals	O	1
86	080	SE	Transaction Set Trailer	M	1

Transaction Set Notes

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

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		Transaction Set Identifier Code	M ID 3/3
				Code uniquely identifying a Transaction Set	
				810 Invoice	
Must Use	ST02	329		Transaction Set Control Number	M AN 4/9
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

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>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	BIG01	373 Date	M DT 8/8
		Date expressed as CCYYMMDD	
		<i>This data corresponds to the universal time coordinate (UTC).</i>	
Must Use	BIG02	76 Invoice Number	M AN 1/22
		Identifying number assigned by issuer	
		<i>Must use to uniquely identify the invoice transaction to an issuer. The invoice number may not be duplicated by an issuer within a calendar year.</i>	
Not Used	BIG03	373 Date	O DT 8/8
		Date expressed as CCYYMMDD	
Not Used	BIG04	324 Purchase Order Number	O AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	
Not Used	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	
Not Used	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	
		CA Cash	
		<i>Use to indicate noninterfund bill. These invoices are requests for payment, and require the billed office to pay by check or otherwise take action to reimburse the billing office.</i>	

PP Prepaid Invoice
Use to indicate DoD interfund bills. These invoices are not requests for payment, but notices to the billed office that its funds have been disbursed and the invoice paid.

Must Use **BIG08** **353** **Transaction Set Purpose Code** **O** **ID 2/2**

Code identifying purpose of transaction set

00 Original
Use to identify the transaction as an original invoice.

77 Simulation Exercise
Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

BIG09 **306** **Action Code** **O** **ID 1/2**

Code indicating type of action

I Reissue
Use to identify a transaction as a re-submission of an original invoice. If appropriate, the re-submitted invoice may be processed as an original.

Not Used **BIG10** **76** **Invoice Number** **O** **AN 1/22**

Identifying number assigned by issuer

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.

Notes: *Use only to identify exception data associated with the transaction set. Use only during extraordinary situations requiring manual intervention in the processing routine.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		OTH Other Instructions	
Must Use	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

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:

1. Use is recommended for noninterfund bills to identify the person in the invoicing activity, the bill-to party or other party to contact for further information on the invoice or one of its billing lines. Use for interfund bills only under exceptional circumstances when requiring direct communication with the party originating the transaction set.

2. Use multiple repetitions to identify a point of contact (POC) and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in PER02.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			IC Information Contact	
	PER02	93	Name	O AN 1/60
			Free-form name	
			<i>Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.</i>	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>1. Use to identify the preferred method of communication in the first repetition. Use PER05/6 and PER07/8 to identify additional communication numbers. Use additional repetitions of the PER segment to identify more than three numbers.</i>	
			<i>2. Do not include blank spaces, dashes, or parentheses between numbers.</i>	
			AU Defense Switched Network	

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

Use to identify the DSN telephone number.

EM Electronic Mail

FX Facsimile

Use to identify the facsimile (FAX) telephone number.

IT International Telephone

Include country and city code.

TE Telephone

Use to identify the commercial telephone number. Include the area code and number.

TL Telex

TX TWX

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

1. Use to identify an alternate, or secondary, communications number which can be used to contact the specified POC.

2. Do not include blank spaces or dashes between numbers.

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

Use to identify the DSN telephone number.

EM Electronic Mail

EX Telephone Extension

Use in conjunction with code AU, IT, or TE to identify the telephone extension.

FX Facsimile

Use to identify the facsimile (FAX) telephone number.

IT International Telephone

Include country and city code.

TE Telephone

Use to identify the commercial telephone number. Include the area code and number.

TL Telex

			TX	TWX		
	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			
			<i>1. Use to identify an alternate, or secondary method of communications which can be used to contact the specified POC.</i>			
			<i>2. Do not include blank spaces or dashes between numbers.</i>			
			AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
				<i>Use to identify the DSN telephone number.</i>		
			EM	Electronic Mail		
			EX	Telephone Extension		
				<i>Use in conjunction with code AU, IT, or TE to identify the telephone extension.</i>		
			FX	Facsimile		
				<i>Use to identify the facsimile (FAX) telephone number.</i>		
			IT	International Telephone		
				<i>Include country and city code.</i>		
			TE	Telephone		
				<i>Use to identify the commercial telephone number. Include the area code and number.</i>		
			TL	Telex		
			TX	TWX		
	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: *Must use this 1/N1/070 loop to identify the issuer of the invoice and the bill-to party.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BT Bill-to-Party	<i>Must use to identify the billed office.</i>
		II Issuer of Invoice	<i>Must use to identify the billing office.</i>
		PK Party to Receive Copy	<i>Use to identify the recipient of information or duplicate copies.</i>
		RI Remit To	<i>Use to identify the party or address to receive remittance when the party or address is not the same as the issuer of the invoice.</i>
N102	93	Name	X AN 1/60
		Free-form name	
		<i>Use only to indicate the clear text name of the remit-to address and only when the remit-to address has not been assigned an identification code (DoDAAC, DUNS, or DUNS + 4). When using, do not use N103 and N104.</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)

M4 Department of Defense Routing Identifier Code (RIC)

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

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

N106 98 Entity Identifier Code O ID 2/3

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

FR Message From

Use in conjunction with 1/N101/070 code II to indicate the organization cited in N104 is originating the transaction set.

TO Message To

Use in conjunction with 1/N101/070 code BT to indicate the organization cited in N104 is receiving the transaction set.

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:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			097 Transaction Creation	
			<i>Use to identify the date the transaction was re-submitted.</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: **LM** Code Source Information
Position: 220
Loop: LM Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Must use this segment loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LM01	559 Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 230
Loop: LM Optional
Level: Heading
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
		0	Document Identification Code	
			Codes that subclassify a transaction	
		61	Information Indicator Code	
			Codes that convey special information to offices receiving an interfund bill	
			<i>Use to indicate the information indicator.</i>	
		85	Country and Activity Code	
			Countries, international organizations, and accounts that could receive material or services under the Foreign Military Sales System and through Military Assistance Program Grant Aid	
			<i>Use to identify the country code.</i>	
		A9	Supplemental Data	
			Identifies the originating organization's unique logistics information	
			<i>Use only for intra-service or agency transactions to identify service or agency-unique data as required.</i>	
		DG	Fund Code	
			<i>Use only when BIG07 is code PP.</i>	
Must Use	LQ02	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	
			<i>Only DI codes FS1, FS2, GS1, or GS2 may be cited. If BIG07 is CA may be GS1 or GS2. If BIG07 is PP may be FS1 or FS2.</i>	

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

Syntax Notes:

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

Comments:

Data Element Summary

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

Segment: **FA2 Accounting Data**
Position: 300
Loop: FA1 Optional
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:

Notes: *Use this segment to identify the various components of the line of accounting and numbers associated with a line of accounting.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FA201	1196	Breakdown Structure Detail Code	M ID 2/2
			Codes identifying details relating to a reporting breakdown structure tree	
		18	Funds Appropriation	
			Coding to track the source of funds (such as various government agencies)	
			<i>Use to indicate the basic appropriation number (department code through appropriation limit). Example: 1717979818100400.</i>	
		A1	Department Indicator	
		A2	Transfer from Department	
		A3	Fiscal Year Indicator	
		A4	Basic Symbol Number	
		A5	Sub-class	
		A6	Sub-Account Symbol	
		B1	Budget Activity Number	
		B2	Budget Sub-activity Number	
		BL	Billings	
			<i>Use to indicate the Government credit card number under which payment for this obligation will be accomplished.</i>	
		C1	Program Element	
		C2	Project Task or Budget Subline	
		C3	Budget Restriction	
		D1	Defense Agency Allocation Recipient	
		D2	Defense Agency Sub-allocation Recipient	
		D3	Component Allocation Recipient	
		D4	Component Sub-allocation Recipient	

- D5 Allotment Recipient
- D6 Sub-allotment Recipient
- D7 Work Center Recipient
- E1 Major Reimbursement Source Code
- E2 Detail Reimbursement Source Code
- E3 Customer Indicator
- F1 Object Class
- F2 Object Sub-class
- F3 Government or Public Sector Identifier
- F4 Country Code
- G1 Program or Planning Code
- G2 Special Interest Code or Special Program Cost Code
- H1 Cost Code
- H2 Labor Type Code
- H3 Cost Allocation Code
- H4 Classification Code
- I1 Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
- J1 Document or Record Reference Number
- L1 Accounting Installation Number

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

- N1 Transaction Type
- P1 Disbursing Station Number
- P2 International Balance of Payments (IBOP) Code
- P3 Voucher Number
- ZZ Mutually Defined

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

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

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

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

- Semantic Notes:** 1 IT101 is the purchase order line item identification.
Comments: 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

1. Must use one or more iterations of the 2/IT1/010 loop to provide billing data for a specific item or line of billing. Allowances or charges identifiable to a specific item or line of billing will be included in that line's 2/SAC/180 loop. Invoice level 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. Each line of billing (i.e., each 2/IT1/010 loop) must cite a unique transaction number for reference purposes. Use the requisition document number or purchase order number associated with the line of billing as the unique transaction number.

Data Element Summary

Ref.	Data	Element	Name	Attributes
Must Use	IT101	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
			<i>Use as a counter to identify the invoice billing line number of 2/IT1/010 loop iterations. In the first 2/IT1/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	
Must Use	IT102	358	Quantity Invoiced	X R 1/10

			Number of units invoiced (supplier units)	
			<i>Express as material, identify the quantity shipped.</i>	
Must Use	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	
			<i>1. Use to identify the unit of issue (see DLMS manual, Volume 1, Appendix 10D for available codes).</i>	
			<i>2. Use UL when a unit of issue is not appropriate.</i>	
Must Use	IT104	212	Unit Price	X R 1/17
			Price per unit of product, service, commodity, etc.	
			<i>Use the billing unit price, including those cases wherein the item was issued either without charge or on a nonreimbursable basis. Use a decimal point to indicate amounts that are not in whole dollars. Use a "0" when the item is issued without charge.</i>	
Must Use	IT105	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
			<i>Identify the source of unit price data in IT104.</i>	
			CA Catalog	
			CT Contract	
			NC No Charge	
			<i>Use to indicate nonreimbursable material.</i>	
			NT Net	
			Indicates a net unit price	
			ST Standard	
			Indicates a standard unit price, including all surcharges	
Must Use	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)	
			<i>Perpetuate from requisitioning, order, or issue document.</i>	
			A1 Plant Equipment Number	
			Item identifier is a plant equipment number	
			<i>Use to identify the plant equipment.</i>	
			A2 Department of Defense Identification Code (DoDIC)	
			Qualifies a code that uniquely identifies a type of explosive or ammunition	
			<i>Use to identify ammunition items.</i>	
			A3 Locally Assigned Control Number	
			Item identifier is a locally assigned control number used to catalog and manage material	
			A4 Subsistence Identification Number	

Item identifier is a brand-name resale subsistence item

Use to identify subsistence items.

A5	Application State
A6	Document Identification Code Item identifier subclassifies the intended use of the transaction
A7	Subline Item Number A further subdivision of a contract or exhibit line item that identifies a specific part of that contract or exhibit line item
A8	Exhibit Line Item Number The line item of a document referenced in and appended to a procurement instrument which establishes a delivery requirement
A9	Health Care Financing Administration National Standard Format Podiatry Codes
AA	American Trucking Associations Assembly Assembly within the vehicle system that contains the causal part
AB	Assembly
AC	Aggregation Code (Used to Consolidate Part Families)
AD	American Dental Association Codes This association's membership consists of U.S. dentists. It sets standards for the dental profession
AE	Serial Item and Contribution Identifier (Defined in ANSI 239.56)
AF	Front Axle Serial Number
AG	Age The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers
AH	Billboards Commercial
AI	Alternate ISBN
AJ	Piggyback Commercial
AK	Refined Product Code
AL	Axle Serial Number
AM	Allocation Methodology Identification Code
AN	Asset Number
AO	GAS*FLOW Product or Service Charge Code
AP	American Trucking Associations Part System within the vehicle that contains the causal part

AQ	Appraisal Product Type
AR	ARINC Part Number
AS	Rear Axle Serial Number
AT	Assortability Code
AU	Appraisal Service
AV	Additional Product Identification Assigned by the Manufacturer Uniform Code Council International Article Numbering Association (UCC/EAN) Application Identifier 240
AW	Well Number
AX	Assembly Lot Number A serialization number identifying good's manufacturing location
AY	American Trucking Associations System
AZ	Axle Ratio
B1	Volume Set
B2	Library of Congress Code
B3	Edition Code
B4	Binding Code
B5	Title Code
B6	Author Code
B7	Publisher Code
B8	Batch Number
B9	Front Axle Driven Serial Number
BA	Bale Number
BB	Print Color Standard Reference Customer decides after trial run of a print on a pre -dyed fabric a point of reference for the shade of the print color, light or darkness of the print; this reference then becomes a standard for the finisher to go by - as a customer orders fabric this code is used to identify to finisher the shade of the print on the fabric
BC	Supplier Brand Code
BD	Buyer Ground Shade Identifier For each color there are various degrees of the color red for instance has degrees chinese red, fire engine red, etc; to each degree a symbol called ground shade is established by both the buyer and seller; to the buyer it might be fire engine red, whereas to the seller the same classification might have a different symbol; need to identify both in a purchase order
BE	Buyer's Engineering Change Level Number

BF	Vendor Ground Shade Identifier For each color there are various degrees of the color red for instance has degrees chinese red, fire engine red, etc; to each degree a symbol called ground shade is established by both the buyer and seller; to the buyer it might be fire engine red, whereas to the seller the same classification might have a different symbol; need to identify both in a purchase order
BG	Ground Shade Standard Reference Buyer established shade reference at time first lot was dyed; this refers seller (dyer) back to a previous lot to match the shade
BH	Finish/Hand Standard Reference Fabrics can be finished in many types of finish: water repellent, Scotch Guard, etc.; within each finish a mill can create a degree of softness or hardness depending on how fabric should feel to the customer; this degree is assigned a reference number for reordering purposes
BI	Rear Axle Rear Non Driven Serial Number
BJ	Application Completion Method
BK	Backing
BL	Brand/Label
BM	Beam Number
BN	Bar-Coded Serial Number
BO	Buyers Color
BP	Buyer's Part Number
BQ	Benefit ID
BR	Compensation Type Code
BS	Bill Subgroup Code
BT	Volume Type Identification Code
BU	Bus Body Serial Number
BV	Beverage Common Code
BW	Compensation Allocation Code
BX	Bill Credit Code
BY	Concept Code
BZ	Coverage Type
C1	Channel
C2	Connector Type
C3	Classification
C4	Configuration Item Identifier
C5	Insurance Plan Description Characteristics
C6	Asset Type

C7	Asset Category A description of the scope of investment assets
C8	Fund Sub-Advisor
C9	Dun & Bradstreet Standard Product and Service Code
CA	Case
CB	Buyer's Catalog Number
CC	Compatible Cut Number
CD	Motor Vehicle-Line Designator
CE	Class of Contract Code
CF	Chassis Serial Number
CG	Commodity Grouping
CH	Country of Origin Code
CI	Common Language Equipment Identifier (CLEI)
CJ	Current Procedural Terminology (CPT) Codes Published by the AMA. It is a listing of descriptive terms and identifying codes for reporting medical services and procedures performed by physicians; the uniform language accurately designates medical, surgical, and diagnostic services, and thereby provides reliable communications among physicians, patients, and payers
CK	Candidate Oil
CL	Color
CM	National Retail Merchants Association Color Code
CN	Commodity Name
CO	Chemical Abstract Service (CAS) Registry Number
CP	Carry-over Part Number
CQ	Equipment Code per COPAS standard
CR	Contract Number
CS	Service code per COPAS standard
CT	Continuation (ID Number Spans Multiple Product ID Data Elements)
CU	Cut Number
CV	Customer Provided Equipment The termination equipment being used will be provided by the customer
CW	Contract Activity Code
CX	Completion Number
CY	Customer Company Registry Number
CZ	Country from which Procured Country from which the item was obtained
D1	Underwriting Method of Direct Writer

D2	Medical Information Bureau (MIB) Authorization
D3	Policy Form
D4	Plan Code
D5	Coverage Risk Type
DD	Distributor
DE	Design Number
DF	Device Family
DG	Discount Grouping
DI	Deposit Item Number
DL	Dye Lot Number
DM	Committee for Uniform Security Identification Procedure Number (CUSIP) Number
DN	Die Number
DO	Dividend Use
DP	Discontinued Part Number
DQ	Event Type
DR	Drawing Revision Number
DS	Group ID
DT	Device Type
DU	Joint Life Type
DV	Location Code
DW	Nonforfeiture Option
DX	International Classification of Diseases Clinical Modification (ICD-9-CM) - Diagnosis
	The International Classification of Diseases, Clinical Modification, is designated for the classification of morbidity and mortality information for statistical purposes and for the indexing of hospital records by disease and operations, for data storage and retrieval; this is a diagnosis code
DY	Premium Rate Type
DZ	Diagnosis Code Pointer
E1	Contract Change Authorization Type
E2	Fund Abbreviation
E3	Fund Type
E4	Related Policy Identification
E5	Tax Code
E6	Contract Transfer Reason Code
EA	EAN-99 In-store Coupon Code
EB	Fuel Tank Serial Number
EC	Engineering Change Level
ED	Engine Displacement Identification

EE	Premium Use
EF	Exhibit Identifier Identification letter for an exhibit attached to a solicitation.
EG	Purpose of Insurance
EH	Sales Presentation ID
EI	Expense Identifier
EJ	Service Feature ID
EK	Settlement/Payout Option
EL	Buyer's Subline Item Number A subset of a buyer's item number (e.g., the relationship of a contract subline item number to its corresponding contract line item number)
EM	Equipment Identification Number Product identification number
EN	European Article Number (EAN) (2-5-5-1)
EP	Buyer's End Product Number
EQ	Equipment Type
ER	Jurisdiction Specific Procedure and Supply Codes
ES	Engine Serial Number
EU	Skill Code
EX	Exchanged Part, Assembly or Product
EZ	Shift Worked
F1	Catalog Number Item identifier specifies a manufacturer's catalog that applies to an item
F2	Technical Order Number Item identifier specifies a technical order that applies to an item
F3	Technical Manual Number Item identifier specifies the technical manual listing the item
F4	Series Identifier An identification of equipment having the same basic design but not necessarily identical configurations (within the equipment model)
F5	Obligation Authority Number Item identifier specifies the funding authority related to an expense or procurement
F6	First Prior Identifier
F7	End-Item Description Item identifier describes an end-item associated with the use of the required material

F8	Next Higher Used Assembly Item identifier describes the next higher assembly associated with the use of the required material
F9	Former Publisher
FA	Failed Subassembly Serial Number
FB	Form Number <i>Use to identify the form stock number.</i>
FC	Coupon Family Code
FD	Fund
FE	Feature
FF	Fifth Wheel Serial Number
FG	Fund Manager
FI	Finish Number
FL	Finish Lot Number
FM	Failed Subassembly Model Number
FN	Final Test Lot Number A serialization number identifying the final test event of goods
FP	Fabric Pieces Per Roll
FS	National Stock Number <i>Must use the National Stock Number (NSN) when known.</i>
FT	Federal Supply Classification <i>Use to identify nonstandard material when a part number is not available and material can only be identified by description.</i>
FW	New Microcode Microcode: 1) One or more microinstructions, 2) A code, representing the instructions of an instruction set, that is implemented in a part of storage that is not program-addressable
GA	Gathering
GC	Grade Code
GD	Grain Direction
GE	Generic Name Description
GI	Graphics Industry Bar Code (GIBC)
GK	Glider Kit In the automotive industry a "glider kit" is the term for an incomplete vehicle with a vehicle identification number assigned and is typically manufactured without an engine, transmission, driveline, or rear axle(s); often the glider kit is used as the replacement shell for a vehicle involved in an accident

GN	Grade Name
GQ	Group Qualifier Code
GR	Gear Ratio
GS	General Specification Number
GU	Volume Usage Identification Code
HC	Health Care Financing Administration Common Procedural Coding System (HCPCS) Codes HCFA coding scheme to group procedure(s) performed on an outpatient basis for payment to hospital under Medicare; primarily used for ambulatory surgical and other diagnostic departments
HD	International Harmonized Commodity Code For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes
HI	HIBC (Health Care Industry Bar Code)
HN	Heat Number
IA	Information Media Type
IB	International Standard Book Number (ISBN)
IC	Interior Color Number
ID	International Classification of Diseases Clinical Modification (ICD-9-CM) - Procedure The International Classification of Diseases, Clinical Modification, is designated for the classification of morbidity and mortality information for statistical purposes and for the indexing of hospital records by disease and operations, for data storage and retrieval; this is a procedure code
IE	Insurer's Fund Code
IF	Investment Fund Type
IG	Ignition Key Number
IM	Imprint (Trademark Code of Subsidiary)
IN	Buyer's Item Number
IP	GAS*FLOW Invoice Posting Code
IQ	IRS Qualification Code
IR	Ingredient
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IV	Home Infusion EDI Coalition (HIEC) Product/Service Code
IW	Interchangeability Code Air Transport Association code specifying the interchangeability level among components
IZ	Buyer's Size Code

JA	Anniversary
JB	Commission Identifier
JC	Commission Year
JD	Contribution Year
JN	Job Number
JP	Package Type Code
	Packaging method used for manufacturer product
	<i>Must use when material must meet Outside Continental United States (OCONUS) packaging and preservation requirements. When used, the paired data elements 234 will cite 1 indicating that packaging must meet OCONUS specifications. When not used, Continental United States (CONUS) level specifications are adequate.</i>
JS	Job Sequence Number
KA	Engineering Data List
KB	Data Category Code
KD	Replacement National Stock Number
KE	Military Standard
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
KP	Kanban Plan Number
L1	Program Level
L2	Topic Level
L3	Subtopic Level
L4	Life/Annuity Service Features
L5	Line of Authority
LA	Labor Group
LB	Logical Observation Identifier Names and Codes (LOINC) Codes
LC	Laboratory Test Condition Code
LD	Systematized Nomenclature of Human and Veterinary Medicine (SNOMED)
LG	Lift Gate Serial Number
LP	Life/Annuity Product Code
LR	Lease Number

LS	Load Sequence
LT	Lot Number
LU	Lot Pricing Unit Number
MA	Machine Number
MB	Measurement Type Code
MC	Mortgage Credit Data Order Type
MD	Method of Delivery Code
ME	Market Program Code
MF	Manufacturer
MG	Manufacturer's Part Number
	<i>Use to identify nonstandard material.</i>
MH	Medication Code
MI	Mortgage Insurance Product Code or Number
MJ	Manual Transmission Serial Number
MK	Front Axle Non Driven Serial Number
MM	Motor Equipment Manufacturing Association (MEMA) Product Type Code
MN	Model Number
MO	Movement Type Code
MP	Mortgage Product Code
MQ	Mortgage Underwriting Type
MR	Maintenance Index Page Reference Number
MS	Military Specification (MILSPEC) Number
MT	Major Product/Material/Machine Type
MU	Authorized Parts List Number
MV	Equipment Location
MW	Equipment Hierarchical Sequence Identifier
MX	Repair Induction Identifier
N1	National Drug Code in 4-4-2 Format 4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N2	National Drug Code in 5-3-2 Format 5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
N3	National Drug Code in 5-4-1 Format 5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
N4	National Drug Code in 5-4-2 Format 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N5	National Health Related Item Code in 5-5 Format
N6	National Health Related Item Code in 4-6 Format

NC	Treasury Management Association
ND	National Drug Code (NDC)
NE	Yarn Count - English Identifies that the spun yarn number is expressed in English units
NH	National Health Related Item Code
NM	Yarn Count - Metric Identifies that the spun yarn number is expressed in Metric units
NR	Non-resaleable item (excluding deposit) number
NU	National Uniform Billing Committee (NUBC) UB92 Codes
NW	New Replacement Part or Assembly Defective
NZ	Combined NCCMA/Bank Service Code
OA	Old U.P.C./EAN Case Code
OB	Old U.P.C./EAN Multipack Code
OC	Old U.P.C./EAN Consumer Package Code
OD	Old U.P.C./EAN Module Code
OE	Original Equipment Number
OF	Old Common Language Equipment Identifier (CLEI) Code Old Common Language Equipment Identifier (CLEI) codes are distinctive codes that provide a standard method of identifying telecommunications equipment or products in a uniform feature-oriented language
OG	Old Microcode Microcode: 1) One or more microinstructions, 2) A code, representing the instructions of an instruction set, that is implemented in a part of storage that is not program-addressable
OH	Opposite-Hand Part Number
OI	Optical Industry Product Code
OL	Optical Cable Code
ON	Customer Order Number
OO	Outside Production Operation Sheet Number The specific engineering level or release to be used for the manufacture of the material being procured
OP	Obsolete Part Number
OR	Offer Number
OT	Internal Number
P1	Petroleum Accountants Society of Canada Operating and Maintenance Code - Goods and Services Tax Not Applicable

P2	Petroleum Accountants Society of Canada Capital Expenditure Code - Goods and Services Tax Not Applicable
P3	Petroleum Accountants Society of Canada Tubular Code
P4	Petroleum Accountants Society of Canada Non-Tubular Code
P5	Material Discharge Number Number identifying the point where material is discharged
P7	Previous Carrier
P8	Retail Price Look Up Number (PLU)
P9	Ply The number of single yarns twisted together to form a plied yarn
PA	Pattern Number
PB	Petroleum Accountants Society of Canada Operating and Maintenance Code - Goods and Services Tax Forwarded
PC	Prime Contractor Part Number
PD	Part Number Description
PE	Pieces in Roll
PF	Petroleum Accountants Society of Canada Capital Expenditure Code - Goods and Services Tax Forwarded
PG	Packaging Specification Number
PH	Property and Casualty Service Code
PI	Purchaser's Item Code
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
PK	Packaging Drawing
PL	Purchaser's Order Line Number
PM	Number of Positions on Machine
PN	Company Part Number
PO	Purchase Order Number
PP	Air Transportation Association Proprietary Rights Code Primary procurement source for the subject part number and the relationship of proprietary rights to the originator of the data
PQ	Product ID Attribute Code
PR	Process Number
PS	Position
PT	Print or Drawing

PU	Part Reference Number Often on a part or subassembly drawing there is a reference number shown that is not a part number but may refer to a set of notes for use in fabrication, assembly, or in repairing the item; it may refer to a physical location within the product, such as location of a particular part on a truck engine, or to a reference to a circuit location on an electronic assembly
PV	Advertising Package Identification Code
PW	Part Drawing
PX	Secondary Ply The number of plied yarns twisted together to form a thick strand yarn, also known as cabling
PY	Operator Assigned Property Identification Number assigned by the operator to the physical property where the drilling is conducted; the number is used to identify the product or service for which the joint partner is being billed
PZ	Product Change Notice Number
R1	Replacement Subassembly Model Number
R2	Replacement Subassembly Serial Number
RA	Return Code
RB	National Uniform Billing Committee (NUBC) UB82 Codes
RC	Returnable Container Number
RD	Reel Number
RE	Reefer Serial Number
RF	Repair From Product Code Identifies a broken product that is to be used in a repair process to create a new product with different attributes
RG	Reference Oil
RH	Radiator Serial Number
RI	Rear Axle Front Rear Driven Serial Number
RJ	Rear Axle Rear Driven Serial Number
RK	Rack Number
RL	Rate Detail Card
RM	Related Model Number
RN	Release Number
RO	Roll Number
RP	Replaced Part Number
RR	Replacement Product Number

RS	Set Number
RT	Reel Type
RU	Run Number
RV	Repair Tag Number
RW	Relative Value Units
RY	Record Keeping or Model Year
RZ	Related Model Type
S2	Second Prior Identifier
S3	Phase
S4	Laboratory Sample Identification
S5	State Sample Identification
S6	Previous Sample Identification
S7	Source of Deposit Code
S8	Source of Lead Code
SA	Schematic Diagram Reference Number
SB	Submission Number A sequential number indicating the number of times a lot has been submitted for a certain test event
SC	Seller's Date Code
SD	Supplier Company Registry Number
SE	Section Print Number
SF	Surface Finish
SG	Seat Serial Number
SH	Service Requested A numeric or alphanumeric code from a list of services available to the customer
SI	Standard Industrial Classification Code
SJ	Religious Retail Non-book Item
SK	Stock Keeping Unit (SKU)
SL	Seller's Lot Number
SM	National Retail Merchants Association Size Code
SN	Serial Number
SO	System Identifier
SP	Superseded Purchase Order Number When moving material from one customer to another, the material is being taken off of the Superseded P.O. and put on a new purchase order number; this will allow tracking of the material to the original P.O. Number when the superseded purchase order number is used to specifically identify the item
SQ	Roll Sequence Number
SR	Substitute Product Number

SS	Superseded Part Number
ST	Style Number
SU	Side Up/Side Down
SV	Service Rendered
SW	Stock Number
SX	Sleeper Box Key Number
SY	Sleeper Box Serial Number
SZ	Vendor Alphanumeric Size Code (NRMA)
T2	Tex A system of numbering yarns of all types of fibers; extensively used outside the U.S. for classification of exports
T3	Third Prior Identifier
TA	Pipeline Transaction Code
TB	Treasury Management Association Service Code and Bank Service Code
TC	Telecommunications Circuit ID
TD	Treatment Codes
TE	Treasury Management Association Service Code
TF	The Air Cargo Tariff (TACT) Commodity Code
TG	Automatic Transmission Serial Number
TH	Transfer Case Serial Number
TI	Trade In Identifier
TJ	Auxiliary Transmission Serial Number
TM	Telephone Industry Manufacturer Code
TN	Railroad-Owned Unit Train Number Railroad Train Number composed of cars containing the same commodity with the same origin and destination
TP	Product Type Code
TR	Truck Body Serial Number
TS	Transmission Serial Number
TT	Type Selvage
TU	Tested Material Identification Number
TV	Line of Business
TW	Program Code
TX	Federal Aviation Administration (FAA) Service Bulletin Number The Federal Aviation Administration (FAA) Service Bulletin number which authorizes replacement of a subject part by the replacing part number
TY	Telecommunications Industry Service Code

TZ	Program Description Identifier
U2	U.P.C. Shipping Container Code (1-2-5-5) A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code
U3	United Nations Common Coding System (UNCCS)
U5	Broker Price Opinion Service
U6	Real Estate Property Information Service
UA	U.P.C./EAN Case Code (2-5-5)
UB	U.P.C./EAN Multipack Code
UC	U.P.C. Suffix (Defines Packing Variations)
UD	U.P.C./EAN Consumer Package Code (2-5-5)
UE	U.P.C./EAN Module Code (2-5-5)
UF	User-Defined Shipping Container Identifier
UG	Drug U.P.C. Consumer Package Code (1-4-6-1)
UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1)
UI	U.P.C. Consumer Package Code (1-5-5)
UJ	U.P.C./EAN Coupon Code (2-5-5)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit
UL	U.P.C. Coupon Code (1-5-5-1)
UM	Universal Vendor Marking, Short Code (UVM; U Line)
UN	U.P.C. Case Code Number (1-1-5-5)
UO	SSCC-18 and Application Identifier
UP	U.P.C. Consumer Package Code (1-5-5-1)
UQ	United Nations (UN) Number (Dangerous Goods)
UR	UCC/EAN-128 Coupon Extended Code
US	Uniform Stock Symbol System Code Number
UT	Company-Owned Unit Train Number Company Train Number composed of cars containing the same commodity with the same origin and destination
UV	Universal Vendor Marking, Long Code (UVM;

	R,P,M Lines)
UX	Universal Product Number A unique identifier of a healthcare product
VA	Vendor's Style Number
VB	Vendor's Engineering Change Level Number
VC	Vendor's (Seller's) Catalog Number
VE	Vendor Color
VI	Vary Item Product Number
VM	Vehicle Maintenance Reporting Standards
VN	Vendor's (Seller's) Item Number
VO	Vendor's Order Number
VP	Vendor's (Seller's) Part Number
VS	Vendor's Supplemental Item Number
VT	Vintage The harvest year of the grapes that are part of the composition of a particular wine
VU	Vendor's Basic Unit Number
VV	Motor Vehicle ID Number
VX	Vendor's Specification Number
W1	End Item Serial Number The serial number assigned to the entire end-item assembly
W2	Work Unit Number Number assigned for type of work or service identification associated with the product
W5	Reclamation Process Material must be reclaimed from a higher level system prior to release to Defense Reutilization and Marketing
W6	Woolen Run U.S. system for numbering wool yarn using run process
W7	Woolen Cut U.S. system for numbering wool yarn using cut process
WA	Random Weight Aggregation Code
WC	World Code
WL	Wafer Lot Identifier A serialization number identifying the manufacturer of integrated circuit wafers
WR	Yarn Count Worsted System for numbering spun yarn of long staple fibers

WS	Wheel Chair Lift Serial Number
XA	Preferred Part Number
XC	Expendable Container Identification
XP	Preferred National Stock Number
XQ	Preferred Manufacturer
XZ	Contractor Establishment Code
YP	Publication Number
	<i>Use to identify the publication stock number.</i>
ZB	Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government
ZR	Service Control Identification
ZZ	Mutually Defined

Must Use	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)		

Perpetuate from requisitioning, order, or issue document.

A1	Plant Equipment Number Item identifier is a plant equipment number
A2	Department of Defense Identification Code (DoDIC) Qualifies a code that uniquely identifies a type of explosive or ammunition
A3	Locally Assigned Control Number Item identifier is a locally assigned control number used to catalog and manage material
A4	Subsistence Identification Number Item identifier is a brand-name resale subsistence item
A5	Application State
A6	Document Identification Code Item identifier subclassifies the intended use of the transaction
A7	Subline Item Number A further subdivision of a contract or exhibit line item that identifies a specific part of that contract or exhibit line item
A8	Exhibit Line Item Number The line item of a document referenced in and appended to a procurement instrument which establishes a delivery requirement
A9	Health Care Financing Administration National

	Standard Format Podiatry Codes
AA	American Trucking Associations Assembly Assembly within the vehicle system that contains the causal part
AB	Assembly
AC	Aggregation Code (Used to Consolidate Part Families)
AD	American Dental Association Codes This association's membership consists of U.S. dentists. It sets standards for the dental profession
AE	Serial Item and Contribution Identifier (Defined in ANSI 239.56)
AF	Front Axle Serial Number
AG	Age The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers
AH	Billboards Commercial
AI	Alternate ISBN
AJ	Piggyback Commercial
AK	Refined Product Code
AL	Axle Serial Number
AM	Allocation Methodology Identification Code
AN	Asset Number
AO	GAS*FLOW Product or Service Charge Code
AP	American Trucking Associations Part System within the vehicle that contains the causal part
AQ	Appraisal Product Type
AR	ARINC Part Number
AS	Rear Axle Serial Number
AT	Assortability Code
AU	Appraisal Service
AV	Additional Product Identification Assigned by the Manufacturer Uniform Code Council International Article Numbering Association (UCC/EAN) Application Identifier 240
AW	Well Number
AX	Assembly Lot Number A serialization number identifying good's manufacturing location
AY	American Trucking Associations System
AZ	Axle Ratio

B1	Volume Set
B2	Library of Congress Code
B3	Edition Code
B4	Binding Code
B5	Title Code
B6	Author Code
B7	Publisher Code
B8	Batch Number
B9	Front Axle Driven Serial Number
BA	Bale Number
BB	Print Color Standard Reference Customer decides after trial run of a print on a pre-dyed fabric a point of reference for the shade of the print color, light or darkness of the print; this reference then becomes a standard for the finisher to go by - as a customer orders fabric this code is used to identify to finisher the shade of the print on the fabric
BC	Supplier Brand Code
BD	Buyer Ground Shade Identifier For each color there are various degrees of the color red for instance has degrees chinese red, fire engine red, etc; to each degree a symbol called ground shade is established by both the buyer and seller; to the buyer it might be fire engine red, whereas to the seller the same classification might have a different symbol; need to identify both in a purchase order
BE	Buyer's Engineering Change Level Number
BF	Vendor Ground Shade Identifier For each color there are various degrees of the color red for instance has degrees chinese red, fire engine red, etc; to each degree a symbol called ground shade is established by both the buyer and seller; to the buyer it might be fire engine red, whereas to the seller the same classification might have a different symbol; need to identify both in a purchase order
BG	Ground Shade Standard Reference Buyer established shade reference at time first lot was dyed; this refers seller (dyer) back to a previous lot to match the shade
BH	Finish/Hand Standard Reference Fabrics can be finished in many types of finish: water repellent, Scotch Guard, etc.; within each finish a mill can create a degree of softness or hardness depending on how fabric should feel to the

	customer; this degree is assigned a reference number for reordering purposes
BI	Rear Axle Rear Non Driven Serial Number
BJ	Application Completion Method
BK	Backing
BL	Brand/Label
BM	Beam Number
BN	Bar-Coded Serial Number
BO	Buyers Color
BP	Buyer's Part Number
BQ	Benefit ID
BR	Compensation Type Code
BS	Bill Subgroup Code
BT	Volume Type Identification Code
BU	Bus Body Serial Number
BV	Beverage Common Code
BW	Compensation Allocation Code
BX	Bill Credit Code
BY	Concept Code
BZ	Coverage Type
C1	Channel
C2	Connector Type
C3	Classification
C4	Configuration Item Identifier
C5	Insurance Plan Description Characteristics
C6	Asset Type
C7	Asset Category A description of the scope of investment assets
C8	Fund Sub-Advisor
C9	Dun & Bradstreet Standard Product and Service Code
CA	Case
CB	Buyer's Catalog Number
CC	Compatible Cut Number
CD	Motor Vehicle-Line Designator
CE	Class of Contract Code
CF	Chassis Serial Number
CG	Commodity Grouping
CH	Country of Origin Code
CI	Common Language Equipment Identifier (CLEI)
CJ	Current Procedural Terminology (CPT) Codes

Published by the AMA. It is a listing of descriptive terms and identifying codes for reporting medical services and procedures performed by physicians; the uniform language accurately designates medical, surgical, and diagnostic services, and thereby provides reliable communications among physicians, patients, and payers

CK	Candidate Oil
CL	Color
CM	National Retail Merchants Association Color Code
CN	Commodity Name
	<i>Use only with IT106 code FT to identify the material name or description.</i>
CO	Chemical Abstract Service (CAS) Registry Number
CP	Carry-over Part Number
CQ	Equipment Code per COPAS standard
CR	Contract Number
CS	Service code per COPAS standard
CT	Continuation (ID Number Spans Multiple Product ID Data Elements)
CU	Cut Number
CV	Customer Provided Equipment The termination equipment being used will be provided by the customer
CW	Contract Activity Code
CX	Completion Number
CY	Customer Company Registry Number
CZ	Country from which Procured Country from which the item was obtained
D1	Underwriting Method of Direct Writer
D2	Medical Information Bureau (MIB) Authorization
D3	Policy Form
D4	Plan Code
D5	Coverage Risk Type
DD	Distributor
DE	Design Number
DF	Device Family
DG	Discount Grouping
DI	Deposit Item Number
DL	Dye Lot Number
DM	Committee for Uniform Security Identification Procedure Number (CUSIP) Number
DN	Die Number

DO	Dividend Use
DP	Discontinued Part Number
DQ	Event Type
DR	Drawing Revision Number
DS	Group ID
DT	Device Type
DU	Joint Life Type
DV	Location Code
DW	Nonforfeiture Option
DX	International Classification of Diseases Clinical Modification (ICD-9-CM) - Diagnosis The International Classification of Diseases, Clinical Modification, is designated for the classification of morbidity and mortality information for statistical purposes and for the indexing of hospital records by disease and operations, for data storage and retrieval; this is a diagnosis code
DY	Premium Rate Type
DZ	Diagnosis Code Pointer
E1	Contract Change Authorization Type
E2	Fund Abbreviation
E3	Fund Type
E4	Related Policy Identification
E5	Tax Code
E6	Contract Transfer Reason Code
EA	EAN-99 In-store Coupon Code
EB	Fuel Tank Serial Number
EC	Engineering Change Level
ED	Engine Displacement Identification
EE	Premium Use
EF	Exhibit Identifier Identification letter for an exhibit attached to a solicitation.
EG	Purpose of Insurance
EH	Sales Presentation ID
EI	Expense Identifier
EJ	Service Feature ID
EK	Settlement/Payout Option
EL	Buyer's Subline Item Number A subset of a buyer's item number (e.g., the relationship of a contract subline item number to its corresponding contract line item number

EM	Equipment Identification Number Product identification number
EN	European Article Number (EAN) (2-5-5-1)
EP	Buyer's End Product Number
EQ	Equipment Type
ER	Jurisdiction Specific Procedure and Supply Codes
ES	Engine Serial Number
EU	Skill Code
EX	Exchanged Part, Assembly or Product
EZ	Shift Worked
F1	Catalog Number Item identifier specifies a manufacturer's catalog that applies to an item
F2	Technical Order Number Item identifier specifies a technical order that applies to an item
F3	Technical Manual Number Item identifier specifies the technical manual listing the item
F4	Series Identifier An identification of equipment having the same basic design but not necessarily identical configurations (within the equipment model)
F5	Obligation Authority Number Item identifier specifies the funding authority related to an expense or procurement
F6	First Prior Identifier
F7	End-Item Description Item identifier describes an end-item associated with the use of the required material
F8	Next Higher Used Assembly Item identifier describes the next higher assembly associated with the use of the required material
F9	Former Publisher
FA	Failed Subassembly Serial Number
FB	Form Number
FC	Coupon Family Code
FD	Fund
FE	Feature
FF	Fifth Wheel Serial Number
FG	Fund Manager
FI	Finish Number

FL	Finish Lot Number
FM	Failed Subassembly Model Number
FN	Final Test Lot Number A serialization number identifying the final test event of goods
FP	Fabric Pieces Per Roll
FS	National Stock Number
FT	Federal Supply Classification
FW	New Microcode Microcode: 1) One or more microinstructions, 2) A code, representing the instructions of an instruction set, that is implemented in a part of storage that is not program-addressable
GA	Gathering
GC	Grade Code
GD	Grain Direction
GE	Generic Name Description
GI	Graphics Industry Bar Code (GIBC)
GK	Glider Kit In the automotive industry a "glider kit" is the term for an incomplete vehicle with a vehicle identification number assigned and is typically manufactured without an engine, transmission, driveline, or rear axle(s); often the glider kit is used as the replacement shell for a vehicle involved in an accident
GN	Grade Name
GQ	Group Qualifier Code
GR	Gear Ratio
GS	General Specification Number
GU	Volume Usage Identification Code
HC	Health Care Financing Administration Common Procedural Coding System (HCPCS) Codes HCFA coding scheme to group procedure(s) performed on an outpatient basis for payment to hospital under Medicare; primarily used for ambulatory surgical and other diagnostic departments
HD	International Harmonized Commodity Code For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes
HI	HIBC (Health Care Industry Bar Code)
HN	Heat Number
IA	Information Media Type
IB	International Standard Book Number (ISBN)

IC	Interior Color Number
ID	International Classification of Diseases Clinical Modification (ICD-9-CM) - Procedure The International Classification of Diseases, Clinical Modification, is designated for the classification of morbidity and mortality information for statistical purposes and for the indexing of hospital records by disease and operations, for data storage and retrieval; this is a procedure code
IE	Insurer's Fund Code
IF	Investment Fund Type
IG	Ignition Key Number
IM	Imprint (Trademark Code of Subsidiary)
IN	Buyer's Item Number
IP	GAS*FLOW Invoice Posting Code
IQ	IRS Qualification Code
IR	Ingredient
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IV	Home Infusion EDI Coalition (HIEC) Product/Service Code
IW	Interchangeability Code Air Transport Association code specifying the interchangeability level among components
IZ	Buyer's Size Code
JA	Anniversary
JB	Commission Identifier
JC	Commission Year
JD	Contribution Year
JN	Job Number
JP	Package Type Code Packaging method used for manufacturer product
JS	Job Sequence Number
KA	Engineering Data List
KB	Data Category Code
KD	Replacement National Stock Number
KE	Military Standard
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
KP	Kanban Plan Number
L1	Program Level
L2	Topic Level
L3	Subtopic Level
L4	Life/Annuity Service Features
L5	Line of Authority
LA	Labor Group
LB	Logical Observation Identifier Names and Codes (LOINC) Codes
LC	Laboratory Test Condition Code
LD	Systematized Nomenclature of Human and Veterinary Medicine (SNOMED)
LG	Lift Gate Serial Number
LP	Life/Annuity Product Code
LR	Lease Number
LS	Load Sequence
LT	Lot Number
LU	Lot Pricing Unit Number
MA	Machine Number
MB	Measurement Type Code
MC	Mortgage Credit Data Order Type
MD	Method of Delivery Code
ME	Market Program Code
MF	Manufacturer
MG	Manufacturer's Part Number
MH	Medication Code
MI	Mortgage Insurance Product Code or Number
MJ	Manual Transmission Serial Number
MK	Front Axle Non Driven Serial Number
MM	Motor Equipment Manufacturing Association (MEMA) Product Type Code
MN	Model Number
MO	Movement Type Code
MP	Mortgage Product Code
MQ	Mortgage Underwriting Type
MR	Maintenance Index Page Reference Number
MS	Military Specification (MILSPEC) Number
MT	Major Product/Material/Machine Type

MU	Authorized Parts List Number
MV	Equipment Location
MW	Equipment Hierarchical Sequence Identifier
MX	Repair Induction Identifier
N1	National Drug Code in 4-4-2 Format 4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N2	National Drug Code in 5-3-2 Format 5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
N3	National Drug Code in 5-4-1 Format 5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
N4	National Drug Code in 5-4-2 Format 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N5	National Health Related Item Code in 5-5 Format
N6	National Health Related Item Code in 4-6 Format
NC	Treasury Management Association
ND	National Drug Code (NDC)
NE	Yarn Count - English Identifies that the spun yarn number is expressed in English units
NH	National Health Related Item Code
NM	Yarn Count - Metric Identifies that the spun yarn number is expressed in Metric units
NR	Non-resaleable item (excluding deposit) number
NU	National Uniform Billing Committee (NUBC) UB92 Codes
NW	New Replacement Part or Assembly Defective
NZ	Combined NCCMA/Bank Service Code
OA	Old U.P.C./EAN Case Code
OB	Old U.P.C./EAN Multipack Code
OC	Old U.P.C./EAN Consumer Package Code
OD	Old U.P.C./EAN Module Code
OE	Original Equipment Number
OF	Old Common Language Equipment Identifier (CLEI) Code Old Common Language Equipment Identifier (CLEI) codes are distinctive codes that provide a standard method of identifying telecommunications equipment or products in a uniform feature-oriented language

OG	Old Microcode Microcode: 1) One or more microinstructions, 2) A code, representing the instructions of an instruction set, that is implemented in a part of storage that is not program-addressable
OH	Opposite-Hand Part Number
OI	Optical Industry Product Code
OL	Optical Cable Code
ON	Customer Order Number
OO	Outside Production Operation Sheet Number The specific engineering level or release to be used for the manufacture of the material being procured
OP	Obsolete Part Number
OR	Offer Number
OT	Internal Number
P1	Petroleum Accountants Society of Canada Operating and Maintenance Code - Goods and Services Tax Not Applicable
P2	Petroleum Accountants Society of Canada Capital Expenditure Code - Goods and Services Tax Not Applicable
P3	Petroleum Accountants Society of Canada Tubular Code
P4	Petroleum Accountants Society of Canada Non-Tubular Code
P5	Material Discharge Number Number identifying the point where material is discharged
P7	Previous Carrier
P8	Retail Price Look Up Number (PLU)
P9	Ply The number of single yarns twisted together to form a plied yarn
PA	Pattern Number
PB	Petroleum Accountants Society of Canada Operating and Maintenance Code - Goods and Services Tax Forwarded
PC	Prime Contractor Part Number
PD	Part Number Description
PE	Pieces in Roll
PF	Petroleum Accountants Society of Canada Capital Expenditure Code - Goods and Services Tax Forwarded
PG	Packaging Specification Number

PH	Property and Casualty Service Code
PI	Purchaser's Item Code
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
PK	Packaging Drawing
PL	Purchaser's Order Line Number
PM	Number of Positions on Machine
PN	Company Part Number
PO	Purchase Order Number
PP	Air Transportation Association Proprietary Rights Code Primary procurement source for the subject part number and the relationship of proprietary rights to the originator of the data
PQ	Product ID Attribute Code
PR	Process Number
PS	Position
PT	Print or Drawing
PU	Part Reference Number Often on a part or subassembly drawing there is a reference number shown that is not a part number but may refer to a set of notes for use in fabrication, assembly, or in repairing the item; it may refer to a physical location within the product, such as location of a particular part on a truck engine, or to a reference to a circuit location on an electronic assembly
PV	Advertising Package Identification Code
PW	Part Drawing
PX	Secondary Ply The number of plied yarns twisted together to form a thick strand yarn, also known as cabling
PY	Operator Assigned Property Identification Number assigned by the operator to the physical property where the drilling is conducted; the number is used to identify the product or service for which the joint partner is being billed
PZ	Product Change Notice Number
R1	Replacement Subassembly Model Number
R2	Replacement Subassembly Serial Number
RA	Return Code
RB	National Uniform Billing Committee (NUBC) UB82 Codes
RC	Returnable Container Number

RD	Reel Number
RE	Reefer Serial Number
RF	Repair From Product Code Identifies a broken product that is to be used in a repair process to create a new product with different attributes
RG	Reference Oil
RH	Radiator Serial Number
RI	Rear Axle Front Rear Driven Serial Number
RJ	Rear Axle Rear Driven Serial Number
RK	Rack Number
RL	Rate Detail Card
RM	Related Model Number
RN	Release Number
RO	Roll Number
RP	Replaced Part Number
RR	Replacement Product Number
RS	Set Number
RT	Reel Type
RU	Run Number
RV	Repair Tag Number
RW	Relative Value Units
RY	Record Keeping or Model Year
RZ	Related Model Type
S2	Second Prior Identifier
S3	Phase
S4	Laboratory Sample Identification
S5	State Sample Identification
S6	Previous Sample Identification
S7	Source of Deposit Code
S8	Source of Lead Code
SA	Schematic Diagram Reference Number
SB	Submission Number A sequential number indicating the number of times a lot has been submitted for a certain test event
SC	Seller's Date Code
SD	Supplier Company Registry Number
SE	Section Print Number
SF	Surface Finish
SG	Seat Serial Number
SH	Service Requested

	A numeric or alphanumeric code from a list of services available to the customer
SI	Standard Industrial Classification Code
SJ	Religious Retail Non-book Item
SK	Stock Keeping Unit (SKU)
SL	Seller's Lot Number
SM	National Retail Merchants Association Size Code
SN	Serial Number
SO	System Identifier
SP	Superseded Purchase Order Number
	When moving material from one customer to another, the material is being taken off of the Superseded P.O. and put on a new purchase order number; this will allow tracking of the material to the original P.O. Number when the superseded purchase order number is used to specifically identify the item
SQ	Roll Sequence Number
SR	Substitute Product Number
SS	Superseded Part Number
ST	Style Number
SU	Side Up/Side Down
SV	Service Rendered
SW	Stock Number
SX	Sleeper Box Key Number
SY	Sleeper Box Serial Number
SZ	Vendor Alphanumeric Size Code (NRMA)
T2	Tex
	A system of numbering yarns of all types of fibers; extensively used outside the U.S. for classification of exports
T3	Third Prior Identifier
TA	Pipeline Transaction Code
TB	Treasury Management Association Service Code and Bank Service Code
TC	Telecommunications Circuit ID
TD	Treatment Codes
TE	Treasury Management Association Service Code
TF	The Air Cargo Tariff (TACT) Commodity Code
TG	Automatic Transmission Serial Number
TH	Transfer Case Serial Number
TI	Trade In Identifier
TJ	Auxiliary Transmission Serial Number
TM	Telephone Industry Manufacturer Code

TN	Railroad-Owned Unit Train Number Railroad Train Number composed of cars containing the same commodity with the same origin and destination
TP	Product Type Code
TR	Truck Body Serial Number
TS	Transmission Serial Number
TT	Type Salvage
TU	Tested Material Identification Number
TV	Line of Business
TW	Program Code
TX	Federal Aviation Administration (FAA) Service Bulletin Number The Federal Aviation Administration (FAA) Service Bulletin number which authorizes replacement of a subject part by the replacing part number
TY	Telecommunications Industry Service Code
TZ	Program Description Identifier
U2	U.P.C. Shipping Container Code (1-2-5-5) A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code
U3	United Nations Common Coding System (UNCCS)
U5	Broker Price Opinion Service
U6	Real Estate Property Information Service
UA	U.P.C./EAN Case Code (2-5-5)
UB	U.P.C./EAN Multipack Code
UC	U.P.C. Suffix (Defines Packing Variations)
UD	U.P.C./EAN Consumer Package Code (2-5-5)
UE	U.P.C./EAN Module Code (2-5-5)
UF	User-Defined Shipping Container Identifier
UG	Drug U.P.C. Consumer Package Code (1-4-6-1)
UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1)
UI	U.P.C. Consumer Package Code (1-5-5)
UJ	U.P.C./EAN Coupon Code (2-5-5)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is

the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit

UL	U.P.C. Coupon Code (1-5-5-1)
UM	Universal Vendor Marking, Short Code (UVM; U Line)
UN	U.P.C. Case Code Number (1-1-5-5)
UO	SSCC-18 and Application Identifier
UP	U.P.C. Consumer Package Code (1-5-5-1)
UQ	United Nations (UN) Number (Dangerous Goods)
UR	UCC/EAN-128 Coupon Extended Code
US	Uniform Stock Symbol System Code Number
UT	Company-Owned Unit Train Number Company Train Number composed of cars containing the same commodity with the same origin and destination
UV	Universal Vendor Marking, Long Code (UVM; R,P,M Lines)
UX	Universal Product Number A unique identifier of a healthcare product
VA	Vendor's Style Number
VB	Vendor's Engineering Change Level Number
VC	Vendor's (Seller's) Catalog Number
VE	Vendor Color
VI	Vary Item Product Number
VM	Vehicle Maintenance Reporting Standards
VN	Vendor's (Seller's) Item Number
VO	Vendor's Order Number
VP	Vendor's (Seller's) Part Number
VS	Vendor's Supplemental Item Number
VT	Vintage The harvest year of the grapes that are part of the composition of a particular wine
VU	Vendor's Basic Unit Number
VV	Motor Vehicle ID Number
VX	Vendor's Specification Number
W1	End Item Serial Number The serial number assigned to the entire end-item assembly
W2	Work Unit Number Number assigned for type of work or service identification associated with the product

W5	Reclamation Process Material must be reclaimed from a higher level system prior to release to Defense Reutilization and Marketing
W6	Woolen Run U.S. system for numbering wool yarn using run process
W7	Woolen Cut U.S. system for numbering wool yarn using cut process
WA	Random Weight Aggregation Code
WC	World Code
WL	Wafer Lot Identifier A serialization number identifying the manufacturer of integrated circuit wafers
WR	Yarn Count Worsted System for numbering spun yarn of long staple fibers
WS	Wheel Chair Lift Serial Number
XA	Preferred Part Number
XC	Expendable Container Identification
XP	Preferred National Stock Number
XQ	Preferred Manufacturer
XZ	Contractor Establishment Code
YP	Publication Number
ZB	Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government <i>Use only with IT106 code MG to uniquely identify a manufacturer's part number.</i>
ZR	Service Control Identification
ZZ	Mutually Defined

	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: QTY Quantity
Position: 015
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity BA Due-In An anticipated receipt quantity <i>Use to identify quantities which must be returned when credit or adjustment is provided in advance of receipt.</i>	M ID 2/2
Must Use	QTY02	380	Quantity Numeric value of quantity <i>Express as a whole number with no decimals.</i>	X R 1/15
Must Use	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the unit of issue for the material to be returned (see DLMS manual, Volume 1, Appendix 10D for available codes).</i>	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
Not Used	QTY04	61	Free-Form Message Free-form information	X AN 1/30

Segment: **REF** **Reference Identification**

Position: 120

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

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

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

Comments:

Notes: *Must use this 2/REF/120 segment to identify the unique reference number for each 2/IT1/010 loop.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		<i>Must use one of the following codes.</i>	
		16 Military Interdepartmental Purchase Request (MIPR) Number	
		A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement	
		43 Supporting Document Number	
		Supports or clarifies information and values represented in a document	
		<i>Use to identify the order or reference number when different from all others shown.</i>	
		CR Customer Reference Number	
		<i>Use to identify the customer identification number.</i>	
		CT Contract Number	
		<i>Use to identify the contract associated with this invoice billing line.</i>	
		TN Transaction Reference Number	
		<i>Use to identify the requisition or purchase order number.</i>	
		W1 Disposal Turn-In Document Number	
		Identifies material submitted for reutilization and marketing	
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	
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification W8 Suffix Differentiates between partial actions taken on the original transaction <i>Use in conjunction with REF01 code TN to identify the transaction number suffix for a quantity less than the original quantity.</i>	M ID 2/3
Must Use	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: **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: *Use one or more iterations of this 2/DTM/150 segment to identify dates associated with the transaction.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		011 Shipped	<i>Use to identify the shipment date.</i>
		035 Delivered	<i>Use to identify the delivery date (actual or constructive).</i>
		168 Release	<i>Use to identify the drop from inventory date.</i>
		231 Progress Payment	<i>Use to identify the progress payment bill date.</i>
		306 Adjustment Effective Date	Date on which the adjustment went into effect
		315 Offset	Range of dates for which the subscriber or dependent will be receiving other income
			<i>Use to identify the progress payment recoupment date.</i>
		324 Returned	<i>Use to identify the material return to inventory date.</i>
		548 Date of Advance	<i>Use to indicate the date of an advanced payment.</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: **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: *Must use for Security Assistance Transactions.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	CAD01	91 Transportation Method/Type Code	O ID 1/2
		Code specifying the method or type of transportation for the shipment <i>Use to identify the mode of shipment. See DLMS Manual, Volume 1, Appendix 10B.</i>	
Not Used	CAD02	206 Equipment Initial	O AN 1/4
		Prefix or alphabetic part of an equipment unit's identifying number	
Not Used	CAD03	207 Equipment Number	O AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	
Not Used	CAD04	140 Standard Carrier Alpha Code	X ID 2/4
		Standard Carrier Alpha Code	
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 <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	
Not Used	CAD06	368 Shipment/Order Status Code	O ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Must Use	CAD07	128 Reference Identification Qualifier	O ID 2/3
		Code qualifying the Reference Identification <i>Use only one of codes 08, 97, AW, BL, BM, IZ, K1, K2, K3, SI, or WY to identify the shipment unit number.</i>	
		08 Carrier Assigned Package Identification Number A reference number assigned by a carrier to uniquely identify a single package	

	<i>Use to identify the shipment unit small package identification number when no other number available.</i>
97	<p>Package Number</p> <p>A serial number indicating unit shipped</p> <p><i>Use to identify to identify the shipment unit package identification number.</i></p>
AW	<p>Air Waybill Number</p> <p><i>Use to identify the shipment unit air waybill number.</i></p>
BL	<p>Government Bill of Lading</p> <p><i>Use to identify the government bill of lading (e.g., not through a CONUS regional freight consolidation center) to a CONUS destination.</i></p>
BM	<p>Bill of Lading Number</p> <p><i>Use to identify the shipment unit commercial bill of lading number.</i></p>
IZ	<p>Insured Parcel Post Number</p> <p>Number assigned to control an insured parcel post shipment from shipper to consignee</p> <p><i>Use to identify the shipment unit insured parcel post number.</i></p>
K1	<p>Foreign Military Sales Notice Number</p> <p>Number assigned to control a foreign military sales shipment from shipper to consignee</p> <p><i>Use for Foreign Military Sales (FMS) shipments made on a commercial bill of lading or commercial collect bill of lading to identify the shipment unit FMS notice number.</i></p>
K2	<p>Certified Mail Number</p> <p>Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery</p> <p><i>Use to identify the shipment unit certified mail number.</i></p>
K3	<p>Registered Mail Number</p> <p>Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery</p> <p><i>Use to identify the shipment unit registered parcel post number.</i></p>
SI	<p>Shipper's Identifying Number for Shipment (SID)</p> <p>A unique number (to the shipper) assigned by the shipper to identify the shipment</p>

Use to identify the shipment unit express mail number.

WY

Waybill Number

Use to identify the shipment unit waybill number.

Must Use	CAD08	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	CAD09	284	Service Level Code	O ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier	

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 only for credit and allowance amounts identifiable to a specific line of billing.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
Must Use	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4

Code identifying the service, promotion, allowance, or charge

A170	Adjustments	<i>Use only to identify an adjustment not specified by any other code.</i>
C300	Discount - Special	<i>Use for cash discounts.</i>
C930	Export Shipping Charge	
D350	Goods and Services Credit Allowance	<i>Use for retail loss allowances.</i>
F060	Other Accessorial Service Charge	<i>Use for accessorial costs.</i>
F560	Premium Transportation	
F650	Preparation	<i>Use for packing, crating, and handling.</i>
F670	Price and Marketing Allowance	<i>Use for sales price reductions.</i>
I170	Trade Discount	
I260	Transportation Direct Billing	<i>Use for non-premium transportation.</i>

Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
Must Use	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
Not Used	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 Code indicating method of handling for an allowance or charge	O ID 2/2
Not Used	SAC13	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	SAC14	770	Option Number A unique number identifying available promotion or allowance options when more than one is offered	O AN 1/20
Not Used	SAC15	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	SAC16	819	Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O ID 2/3

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 the 2/N1/240 loop as needed to identify the organization to receive the product.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual OB Ordered By <i>Use to identify the requisitioner, ordering, or turn-in activity when different from the billed activity.</i> ST Ship To <i>Use to identify the organization to receive the product if other than the billed organization.</i>	M ID 2/3
Not Used	N102	93 Name Free-form name	X AN 1/60
	N103	66 Identification Code Qualifier 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) M4 Department of Defense Routing Identifier Code (RIC) An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	X ID 1/2

810L - Invoice (Logistics Bill)

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

Segment: **LM** Code Source Information
Position: 300
Loop: LM Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Must use this 2/LM/300 loop to identify information maintained in Department or Agency documentation.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 310
Loop: LM Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
	0	Document Identification Code	
		Codes that subclassify a transaction	
		<i>Must use.</i>	
	36	Air Terminal Identifier Code	
		Identifies the name and location of air terminals worldwide	
	37	Water Terminal Identifier Code	
		Identifies water ports worldwide	
	54	Type of Bill Code	
		The purpose of the billing	
		<i>Use to indicate the billing purpose.</i>	
	57	Delivery Source Code	
		Codes that provide an audit trail between performance and pricing requirements	
		<i>Use to identify FMS shipment information.</i>	
	58	Transportation Bill Code	
		Earnings for "below-the-line" transportation of material	
		<i>Use to identify FMS customer below-the-line transportation cost billing information.</i>	
	59	Stock Fund or Non-stock Fund Code	
		The financing appropriation or a stock fund	
		<i>Use to identify the appropriation or a stock fund for FMS transactions.</i>	
	60	General Services Administration (GSA) Customer	

- Supply Center Number Code
GSA customer supply centers
- 61 Information Indicator Code
Codes that convey special information to offices receiving an interfund bill
- 67 Type of Assistance Code
Codes that distinguish between types of military assistance transactions
For SA transactions, use when the coded address in the transaction number does not identify the type of assistance and financing.
- 71 Service and Agency Code
Military services, defense agencies, and certain civilian agencies of the United States Government
Must use in FMS transactions to identify the customer country's requisitioning Service Code: B, D, K, P or T. For all SA transactions, repeat a second time to identify the Service ILCO managing the case or program line when the ILCO is not identified in the coded address in the transaction number.
- 78 Project Code
Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes
Use to identify special programs, exercises, projects, operations, and other purposes.
- 85 Country and Activity Code
Countries, international organizations, and accounts that could receive material or services under the Foreign Military Sales System and through Military Assistance Program Grant Aid
For MAP/GA transactions, use when the transaction number does not identify the country or activity.
- 89 Cooperative Logistics Program Support Code
Indicates whether or not a Foreign Military Sales transaction is a programmed or unprogrammed requirement
For FMS transactions, must use to identify programmed, nonprogrammed, and termination/drawdown requirements.
- 95 Offer and Release Option Code
Allows countries participating in the Foreign Military Sales Program to advise supply sources whether or not prior notice to country representatives or freight

forwarders is required before shipment

For FMS transactions, must use to advise the supply source of the type of notice required prior to shipping the material.

97

Ultimate Recipient Code

The ultimate receiver or buyer of material for reimbursement purposes

Use to identify the buyer of DoD material to allow full payment for material supplied to a non-DoD customer.

A2

Customer Within Country Code

The receiving country and place of discharge within the country for Military Assistance Program Grant Aid or the country's mark-for or ship-to addresses in Foreign Military Sales transactions

For SA transactions, use when the coded address in the transaction number does not identify the customer-within-country.

A3

Delivery Term Code

The delivery term for a Foreign Military Sales shipment

For FMS transactions, use when the coded address in the transaction number does not identify the delivery term.

A4

Case Designator Number

The case that a Foreign Military Sales transaction supports

Must use in FMS transactions to identify the FMS case number. For Cooperative Logistics Supply Support Arrangements (CLSSAs), repeat up to two times to identify the FMS Foreign Military Services Order (FMSO) I and FMSO II case numbers. In this instance, the first occurrence will cite the FMSO I case number, and a second occurrence, if applicable, will reflect the FMSO II case number.

A5

Subcase Number

The line item or subcase that a Foreign Military Sales transaction supports

Use in FMS transactions based on Service requirements.

A6

Freight Forwarder Number

Representatives designated by a country to accomplish or control shipments of Foreign Military Sales material

Must use in FMS transactions to identify the

	<i>country representative or freight forwarder to receive shipments and documentation.</i>
A7	Record Control Number A line item of the International Logistics Program <i>Must use in MAP/GA transactions to identify the program line item number.</i>
A8	Program Year Code Number defining the fiscal year in which the International Logistics Program Item is to be planned <i>Must use in MAP/GA transactions to indicate the program year in which the requisitioned item was approved and funded.</i>
A9	Supplemental Data Identifies the originating organization's unique logistics information <i>Use only for intra-service or agency transactions to identify service or agency-unique data as required.</i>
AJ	Utilization Code Code identifying the purpose of the transaction <i>Use to identify a specialized purpose for which the requisition is submitted.</i>
CF	Major Force Program Code The source of funding for major programs <i>Use only for into plane issues to identify the major force program of the organization involved in into plane refueling bills.</i>
CG	Aircraft Mission Design Series Code Types of aircraft <i>Use only for into plane issues.</i>
CH	Type of Issue Code An issue, defueling, or service <i>Use only for into plane issues.</i>
COG	Cognizance Symbol <i>Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>
DE	Signal Code
DG	Fund Code <i>Do not use when 1/BIG07/020 is code PP.</i>
IMC	Item Management Code

Use to identify the Item Management code (IMC) for integrated material management. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC Material Control Code

Use to identify the Material Control Code (MCC) for special inventory reporting. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI Special Material Identification Code

Use to identify the Special Material Identification Code (SMIC) for an end item. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

LQ02 **1271** **Industry Code** **X AN 1/30**
Code indicating a code from a specific industry code list

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

Segment: **FA2 Accounting Data**
Position: 360
Loop: FA1 Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:

Notes: *Use this segment to identify the various components of the line of accounting and numbers associated with a line of accounting.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FA201	1196	Breakdown Structure Detail Code	M ID 2/2
			Codes identifying details relating to a reporting breakdown structure tree	
		18	Funds Appropriation	
			Coding to track the source of funds (such as various government agencies)	
			<i>Use to indicate the basic appropriation number (department code through appropriation limit). Example: 1717979818100400.</i>	
		A1	Department Indicator	
		A2	Transfer from Department	
		A3	Fiscal Year Indicator	
		A4	Basic Symbol Number	
		A5	Sub-class	
		A6	Sub-Account Symbol	
		B1	Budget Activity Number	
		B2	Budget Sub-activity Number	
		BL	Billings	
			<i>Use to indicate the Government credit card number under which payment for this obligation will be accomplished.</i>	
		C1	Program Element	
		C2	Project Task or Budget Subline	
		C3	Budget Restriction	
		D1	Defense Agency Allocation Recipient	
		D2	Defense Agency Sub-allocation Recipient	
		D3	Component Allocation Recipient	
		D4	Component Sub-allocation Recipient	

- D5 Allotment Recipient
- D6 Sub-allotment Recipient
- D7 Work Center Recipient
- E1 Major Reimbursement Source Code
- E2 Detail Reimbursement Source Code
- E3 Customer Indicator
- F1 Object Class
- F2 Object Sub-class
- F3 Government or Public Sector Identifier
- F4 Country Code
- G1 Program or Planning Code
- G2 Special Interest Code or Special Program Cost Code
- H1 Cost Code
- H2 Labor Type Code
- H3 Cost Allocation Code
- H4 Classification Code
- I1 Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
- J1 Document or Record Reference Number
- L1 Accounting Installation Number

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

- N1 Transaction Type
- P1 Disbursing Station Number
- P2 International Balance of Payments (IBOP) Code
- P3 Voucher Number
- ZZ Mutually Defined

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

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

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

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

Comments:

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TDS01	610	Amount Monetary amount <i>Used to identify the net amount of all credits, charges, and allowances excluding terms (payment) discounts.</i>	M N2 1/15
Not Used	TDS02	610	Amount Monetary amount	O N2 1/15
Not Used	TDS03	610	Amount Monetary amount <i>Use to identify the final net amount of the invoice. It is the arithmetic sum of TDS01 less any authorized terms (payment) discounts.</i>	O N2 1/15
	TDS04	610	Amount Monetary amount <i>Use to identify the amount of terms (payment) discounts taken.</i>	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 for allowances or credits which cannot be identified to any specific line of billing within the entire invoice.*

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
Must Use	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	

Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID 4/4
			Code identifying the service, promotion, allowance, or charge		
			A170 Adjustments		
			<i>Use only to identify an adjustment not specified by any other code.</i>		
			C300 Discount - Special		
			<i>Use for cash discounts.</i>		
			C930 Export Shipping Charge		
			D350 Goods and Services Credit Allowance		
			<i>Use for retail loss allowances.</i>		
			F060 Other Accessorial Service Charge		
			<i>Use for accessorial costs.</i>		
			F560 Premium Transportation		
			F650 Preparation		
			<i>Use for packing, crating, and handling.</i>		
			I170 Trade Discount		
			I260 Transportation Direct Billing		
			<i>Use for non-premium transportation.</i>		
Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
Not Used	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
Not Used	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.

Notes: *Use to identify the number of billing lines (IT1 loops).*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	CTT01	354 Number of Line Items Total number of line items in the transaction set	M N0 1/6
Not Used	CTT02	347 Hash Total 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.	O R 1/10
Not Used	CTT03	81 Weight Numeric value of weight	X R 1/10
Not Used	CTT04	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	X ID 2/2
Not Used	CTT05	183 Volume Value of volumetric measure	X R 1/8
Not Used	CTT06	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	X ID 2/2
Not Used	CTT07	352 Description A free-form description to clarify the related data elements and their content	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.	Data		
	Des.	Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as in 1/ST02/010.</i>	