

Electronic Data Interchange



Defense Finance & Accounting Service

Denver, CO

ANSI ASC X12 Version

3050

IAPS 810

Commercial Invoice

DFAS-DE-EDI OVERVIEW

This guide is intended to provide you with fingertip information about our EDI program. DFAS-DE uses the American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 Transactions Sets for EDI transmission.

The Trading Partner Agreement (TPA) is a formal agreement required to exchange data electronically. It outlines the duties and responsibilities of both trading partners. A copy of the DFAS-DE TPA is printed in Section 3 of the EDI Guide.

For your convenience, a DFAS-DE EDI Registration form is included in each appendix of these guides. **Contractors need only register ONE TIME for a specific DFAS-DE transaction set. It is not necessary to register for each paying office separately.**

EDI SEGMENT USAGES

WHEN the...	THEN the...
segment "Usage" is "M"	segment is Mandatory per ASC X12
segment "Usage" is "O"	segment is Optional per ASC X12
segment is optional	"Req Des" applies only if you use that segment.
segment is optional per ASC X12, but required or conditional per DFAS-DE	notations are next to the ASC X12 requirement designator
segment is DFAS-DE Required or Conditional	"DFAS-DE Req Des" reference determines which data elements to use

DFAS-DE- FORMAT

"DFAS-DE Format Min/Max" indicates the size of the field as used by DFAS-DE. Restrictions on this indicator beyond the ASC X12 specifications are the result of limitations or specific data format requirements within the DoD mainframe applications.

"DFAS-DE Req Des" denotes the requirement designator for the specific data field (element):

"M" = Mandatory per ASC X12

"R" = Required by DFAS-DE in any invoice

"O" = Optional at the discretion of the invoice originator

"C" = Conditional upon the type of invoice, contract terms, use of other related data element.

Field structure:

Numeric – Right justify and zero fill all numeric fields.

Alpha/Numeric – Left justify and space fill all alpha/numeric fields.

******Signing here will be considered confirmation that you have read and agree to the DFAS-DE Trading Partner Agreement in Section 3 of the EDI Guide******

DATE _____
(Authorized Contractor Representative Signature)

(Typed or Printed Name and TITLE)

ACRONYM GLOSSARY

A

ABA	American Banking Association
ACH	Automated Clearing House
ACO	Administrative Contracting Officer
ACRN	Accounting Classification Reference Number
ANSI	American National Standards Institute
ASC	Accredited Standards Committee

C

CAGE Code	Contractor and Government Entity Code
CAO	Contract Administration Office
CCR	Central Contractor Registration
CCD+	Cash Concentration/Disbursement Plus
CLIN	Contract Line Item Number
CSO	Customer Service Office
CTX	Corporate Trade Exchange

D

DCMC	Defense Contract Management Command
DCAA	Defense Contract Audit Agency
DCMDE	Defense Contract Management District East
DFAS-DE	Defense Finance and Accounting Service - Denver Center
DISA	Defense Information Systems Agency
DLA	Defense Logistics Agency
DLSC	Defense Logistic Services Center
DoD	Department of Defense
DoDAAC	DoD Activity Address Code
DSSN	Disbursing Station Serial Number

E

ECPN	Electronic Commerce Processing Node (formerly Network Entry Point (NEP))
EDI	Electronic Data Interchange
EDIA	Electronic Data Interchange Association
EFT	Electronic Funds Transfer

F

FACNET	Federal Acquisition Computer Network
FAR	Federal Acquisition Regulations

I

IAPS	Integrated Accounts Payable System
IC	Implementation Conventions
IPC	Integrated Paying and Collecting System
ISO	International Standards Organization

L

LMI	Logistics Management Institute
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ACRONYM GLOSSARY, cont'd

M

N

NSN National Stock Number

O

OPLOC Operating Location

P

PIIN Procurement Instrument Identification Number (Contract Number)

R

REQ DES Requirement Designator

S

SBA Small Business Administration

SPIIN Supplemental Procurement Instrument Identification Number (Call Number)

SLIN Two character alphabetical code attached to a CLIN to provide a subdivision of the line item

T

TCN Transportation Control Number

TRN Transit Routing Number

V

VAN Value Added Network

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ISA - INTERCHANGE CONTROL HEADER

Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
ISA01 I01	Authorization Information	ID 2/2	M	00 - No Authorization Information Present
ISA02 I02	Authorization information	AN 10/10	M	Blanks
ISA03 I03	Security Information Qualifier	ID 2/2	M	00 - No Security Information Present
ISA04 I04	Security Information	AN 10/10	M	Blanks
ISA05 I05	Interchange ID Qualifier	ID 2/2	M	As instructed by VAN
ISA06 I06	Interchange Sender's ID	ID 15/15	M	EDI Identifier - Assigned by VAN
ISA07 I05	Interchange ID Qualifier	ID 2/2	M	ZZ
ISA08 I07	Interchange Receiver's ID	AN 15/15	M	DMCCOLUMBUS or DMCOGDEN (See Note)
ISA09 I08	Interchange Date	DT 6/6	M	Assigned by the Translation Software
ISA10 I09	Interchange Time	TM 4/4	M	Assigned by the Translation Software
ISA11 I10	Interchange Control Standard Identifier	ID 1/1	M	U - US Community of ASC X12
ISA12 I11	Interchange Control Version	ID 5/5	M	Assigned by Translation Software
ISA13 I12	Interchange Control Number	N0 9/9	M	Assigned by Translation Software
ISA14 I13	Acknowledgment Requested	ID 1/1	M	1 - Acknowledgment Requested
ISA15 I14	Test Indicator	ID 1/1	M	T - Test Data P - Production Data
ISA16 I15	Component Element Separator	AN 1/1	M	As established within senders Translation Software

Note: Contact your VAN to find out which ID to use here. This entry will depend on the selected VAN and its primary ECPN (FACNET) connection.

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GS - FUNCTIONAL GROUP HEADER

Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
GS01 479	Functional ID Code	ID 2/2	M	IN - Invoice Information
GS02 142	Application Sender's Code	AN 2/15	M	Determined by Contractor and VAN (DFAS-DE prefers your DUNS/DUNS+4)
GS03 124	Application Receiver's Code	AN 6/6	M	(Note 1)
GS04 373	Group Date	DT 6/6	M	Assigned by Translation Software
GS05 337	Group Time	TM 4/8	M	Assigned by Translation Software
GS06 28	Group Control Number	N0 1/9	M	Assigned by Translation Software
GS07 455	Responsible Agency Code	ID 1/2	M	X - Accredited Standards Committee X12
GS08 480	Version/Release/Industry ID	AN 12/12	M	003050D810C* - (Note 2)

Note 1: This is the DoDAAC of the payment office designated to receive the invoice. Listed below are the payment sites and their respective DoDAACs

OPLOC Dayton	F03000	OPLOC Europe (Ramstein)	F78900
OPLOC Limestone	F67100	OPLOC Orlando	F62400
OPLOC Omaha	F25700	OPLOC Japan	F68800
OPLOC San Antonio	F60700	OPLOC Pacific	F68300
OPLOC San Bernardino	F72300	Osan	F77800

Note 2: This identifies the type of transaction set, version, and change number. Replace the "*" in the last position with the appropriate change number ("0" = original)

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ST - TRANSACTION SET IDENTIFIER CODE

Table/Position: 1/010
Usage: M
Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
ST01 143	Transaction Set Identifier Code	ID 3/3	M	810 - Commercial Invoice
ST02 329	Transaction Set Control Number	AN 4/9	M	Identifying Control Number assigned by originator

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BIG - BEGINNING SEGMENT FOR INVOICE

Table/Position: 1/020
 Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
BIG01 373	Date	DT 6/6	M	Invoice Date in YYMMDD format
BIG02 76	Invoice Number	AN 1/22	M	Contractor assigned invoice number (IAPS is currently limited to 13 positions. The Max is 22 for future expansion)
BIG03 373	Date	DT 6/6	O	Not Used
BIG04 324	Purchase Order Number	AN 1/22	R	Contract Number/PIIN (Do Not Use Spaces or Hyphens) (Note 1)
BIG05 328	Release Number	AN 1/30	C	Call number/Order number/SPIIN (Note 1)
BIG06 327	Change Order Sequence Number	AN 1/8	O	Not Used
BIG07 640	Transaction Type Code	ID 2/2	R	DI - Debit Invoice CR - Credit Memo
BIG08 353	Transaction Set Purpose Code	ID 2/2	R	00 - Original Invoice 01 - Cancellation 05 - Replace
BIG09 306	Action Code	ID 1/2	O	F - Final invoice; otherwise, blank

Note 1: The Purchase Order Number (BIG04) is found in block 1 on the SF1155 document or block 2 on the SF1449. The Release Number (BIG05) is the 4 position call number or delivery order number. It is found in block 2 of the SF1155 or block 4 on the SF1449. This element must be used when the invoice relates to a call or delivery order against a basic contract (award instrument) that is not funded by an AF Form 616. When position 9 of the contract number is "A", Blanket Purchase Agreement or "D", Blanket Delivery Order and an AF Form 616 did not fund it, this field is required. If the contract was funded on an AF Form 616, then the call number is recorded in IT107 of the detail.

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CUR - CURRENCY SEGMENT FOR INVOICE

Table/Position: 1/040
 Usage: O
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
CUR01 98	Entity Identifier Code	ID 2/2	M	BY – Buying Party
CUR02 100	Currency Code	ID 3/3	M	Enter the currency code applicable to the invoice amounts. This must agree with the contract.

Note: Use this segment only if the invoice amounts are in foreign currency. (The invoice currency must agree with the contract currency.)

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N1 – NAME

Table/Position: 1/070
 Usage: O (DFAS-DE Required)
 Max Use: 1 (per N1 loop)
 Loop Repeat: 200

Syntax Note: Whenever an N101 is used, it **must be** followed by the corresponding N103 and N104 for each repetition.

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
N101 98	Entity Identifier Code	ID 2/2	R	PO - Paying Office
N102 93	Name	AN 1/35	O	Not used
N103 66	Identification Code Qualifier	ID 1/2	R	10 – DoDAAC Code
N104 67	Identification Code	ID 2/20	R	Enter the 6 position DoDAAC for the Payment Office as specified in Contract (or Order) listed in BIG 04 & BIG 05
N101 98	Entity Identifier Code	ID 2/2	R	PE - Payee
N102 93	Name	AN 1/35	O	Not Used
N103 66	Identification Code Qualifier	ID 2/2	R	1 - DUNS 9 - DUNS+4
N104 67	Identification Code	ID 2/20	R	Enter the DUNS, DUNS+4
N101 98	Entity Identifier Code	ID 2/2	C	RI - Remit to address
N102 93	Name	AN 1/35	O	Not Used
N103 66	ID Code Qualifier for N104	ID 2/2	C	1 - DUNS 9 - DUNS+4
N104 67	Identification Code	ID 2/20	C	Enter the DUNS, DUNS+4
N101 98	Entity Identifier Code	ID 2/2	O	ST - Ship to
N102 93	Name	AN 1/35	O	Not Used
N103 66	Identification Code Qualifier	ID 2/2	O	10 - DoDAAC Code ZZ – Other than DODAAC
N104 67	Identification Code	ID 1/20	O	Enter the DoDAAC for the Ship To or Performance Site Address as specified in Contract (or Order) listed in BIG 04 & BIG 05 or "SHIPTO" if N103 = ZZ

Note: Must use a minimum of two (2) repetitions of the N1 segment as follows:

- ◆ "PO" - to identify the payment office
- ◆ "PE" - to identify the payee

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N3 – Address Information

Table/Position: 1/090
Usage: O (DFAS-DE Required)
Max Use: 2 (per N1 loop)
Loop Repeat:

N301 166	Address Information	AN 1/35	C	N101 = RI (Remit To)
N302 166	Address Information	AN 1/35	C	
N301 166	Address Information	AN 1/35	C	N101 = ST (Ship To) Use only if N103 = ZZ
N302 166	Address Information	AN 1/35	C	Use only if N103 = ZZ

Note: Use this segment if N101 = RI or ST

N4 – Geographic Location

Table/Position: 1/100
Usage: O (DFAS-DE Conditional)
Max Use: 2 (per N1 loop)
Loop Repeat:

N401 19	City Name	AN 2/30	C	N101= RI (Remit To)
N402 156	State	AN 2/2	C	
N403 116	Postal Code	AN 5/11	C	
N404 26	Country Code	AN 2/3	C	Use ISO 3166 3 position alpha codes
N401 19	City Name	AN 2/30	C	N101 = ST (Ship To) Use only if N103 = ZZ
N402 156	State	AN 2/2	C	Use only if N103 = ZZ
N403 116	Postal Code	AN 5/11	C	Use only if N103 = ZZ
N404 26	Country Code	AN 2/3	C	Use only if N103 = ZZ; Use ISO 3166 3 position alpha codes

Note: Use this segment if N101 = RI or ST

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REF – REFERENCE NUMBERS

Table/Position: 1/110
Usage: O (DFAS-DE Required)
Max Use: 12 (Per N1 loop)

Syntax Note: Whenever an REF01 is used, it must be followed by a corresponding REF02 for each repetition.

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
REF01 128	Reference Number Qualifier	ID 2/2	C	TJ - Federal Taxpayer's Identification Number SY - Social Security Number CR – Customer Reference Number (Internal account number)
REF02 127	Reference Number	AN 1/30	C	Enter the reference number

Note: Only required when N101 = PE

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PER – ADMINISTRATIVE COMMUNICATIONS CONTACT

Table/Position: 1/120
Usage: O (DFAS-DE Required)
Max Use: 3 (per N1 loop)

Syntax Note 1: The PER segment containing code IC must immediately follow the N1 segment that contains the entity code of PE

Syntax Note 2: Each time the segment is used, the PER01 is required per ASC X12.

Syntax Note 3: If either PER03 or PER04 is used, then the other is required per ASC X12.

Syntax Note 4: If either PER05 or PER06 is used, then the other is required per ASC X12.

Syntax Note 5: If either PER07 or PER08 is used, then the other is required per ASC X12.

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
PER01 366	Contact Functional Code	ID 2/2	R	IC - Information Contact
PER02 93	Name	AN 1/20	R	Contractor's Representative's Name (The person with the most knowledge about this particular invoice)
PER03 365	Communication Number Qualifier	ID 2/2	R	TE - Telephone
PER04 364	Communication Number	AN 1/21	R	(Note 2) Contractor Representative's Commercial Telephone including Area Code (Include Hyphens and/or parenthesis)
PER05 365	Communication Number Qualifier	ID 2/2	O	FX - Facsimile
PER06 364	Communication Number	A/N 1/21	O	(Note 2) Contractor's Representative's Facsimile Phone number including Area Code (Include Hyphens and/or parenthesis)
PER07 365	Communication Number Qualifier	ID 2/2	O	EM - Email
PER08 364	Communication Number	A/N 1/80	O	Email address of the representative named in PER02

Note 1: Must use one repetition of the PER segment to identify Contractor's Representative.

Note 2: Phone numbers must be entered in positions 1-21 and should include hyphens and parenthesis; i.e. (303)676-7774. Any data entered in positions 21-80 will be ignored. Positions 21-80 should only contain fill spaces.

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ITD - TERMS OF SALE

Table/Position: 1/130
 Usage: O (DFAS-DE Conditional)
 Max Use: >1 (DFAS-DE Max Use = 1)

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
ITD01 336	Terms Type Code	ID 2/2	C	03 - Fixed Date (Note 2) 08 - Basic Discount Offered (Note 3) 09 - Proximo (Note 4)
ITD02 333	Terms Basis Date Code	ID 1/2	O	Not used
ITD03 338	Terms Discount Percent	R 1/6	C	Discount offered, expressed as a percentage (Note 5).
ITD04 370	Terms Discount Due Date	DT 6/6	C	Terms Discount Due Date.
ITD05 351	Terms Discount Days Due	N0 1/3	C	Number of discount days
ITD06 446	Terms Net Due Date	DT 6/6	O	Not Used
ITD08 362	Terms Discount Amount	N2 1/10	C	Not Used

Note 1: Use this segment only if better discount terms are being offered than contained in the contract.
Note 2: When ITD01 = 03, use ITD03 and ITD04.
Note 3: When ITD01 = 08, use ITD03 and ITD05.
Note 4: When ITD01 = 09, use ITD03 and ITD05 (to specify the calendar day, i.e. "10" for the 10th of the following month).
Note 5: Express 2% as 2; 1.5% as 1.5, .5% as .5, etc.

DTM - DATE TIME REFERENCE

Table/Position: 1/140
 Usage: O (DFAS-DE Optional)
 Max Use: 10

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
DTM01 374	Date/Time Qualifier	ID 3/3	R	011 - indicates item was shipped 035 - indicates item was delivered 193 - indicates the service period start date 194 - indicates the service period end date
DTM02 373	Date	DT 6/6	R	Date in YYMMDD Format
DTM05 624	Century	N0 2/2	O	1st two positions of the year

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IT1 - BASELINE ITEM DATA (INVOICE)

Table/Position: 2/010
Usage: O (DFAS-DE Required)
Max Use: 1
Loop Repeat: 200000

Syntax Note: If using IT106, you must also use IT107.

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
IT101 350	Assigned Identification	AN 1/11	R	Contract Line Item Number (CLIN/SLIN) or call number (See Note 1)
IT102 358	Quantity Invoiced	R 1/10	R	Specify the quantity invoiced
IT103 355	Unit of Measure Code	ID 2/2	R	Use the unit of measure that corresponds to that specified in contract
IT104 212	Unit Price	R 1/17	R	Price per unit as specified by the contract, for the CLIN/SLIN (Note 2)
IT105 639	Basis of Unit Price Code	ID 2/2	O	Not used
IT106 235	Product/Service ID Qualifier	ID 2/2	C	ZZ - AF Form 616 Call (Note 3) PD - Part Number Description SV - Service Rendered Number
IT107 234	Product/Service ID	AN 1/40	C	Call number or a brief description of the part or service
IT108 235	Product/Service ID Qualifier	ID 2/2	C	If IT106 = ZZ , then enter one of the following: PD - Part Number Description SV - Service Rendered
IT109 234	Product/Service ID	AN 1/40	C	Description of the part or service

Note 1: CLIN Format is four numeric characters (0001). CLIN/SLIN format is four numeric characters followed by two letters or two blank spaces (0001AA, 0001). If the invoice detail relates to a call funded on an AF Form 616, then enter the call number here.

Note 2: Preferred method is to include decimal point and a minimum of two, maximum of four characters to right of decimal. If no decimal point is used, X12 standards places it at the end of the data stream. Example: 752 would become 752.00

Note 3: If the invoice detail relates to a call funded on an AF Form 616, then enter **ZZ** in IT106 and the call number in IT107; otherwise, use **PD** or **SV** whichever applies. (Reference Note 1 of the BIG segment. This applies whether it is a contractual document awarded through the base contracting office or a pseudo contract number assigned by the Operating Location. For example, utility contracts often are old contracts that continue year after year. OPLOCs assign a pseudo contract number for use at their location. Vendors will be made aware of these contract numbers for use in invoicing and must obtain the call number from the organization placing the order.) When IT106 = ZZ, enter the product qualifier and description in IT108 and IT109 respectively.

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ITD - TERMS OF SALE/DEFERRED TERMS OF SALE

Table/Position: 2/110
 Usage: O (DFAS-DE Conditional)
 Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
ITD01 336	Terms Type Code	ID 2/2	O	05 - Discount Not Applicable (Note 1) 08 - Basic Discount Offered (Note 2)
ITD02 333	Terms Basis Date Code	ID 1/2	O	Not Used
ITD03 338	Terms Discount Percent	R 1/6	O	If ITD01 = 08, then enter the discount percent, including the decimal point
ITD05 351	Terms Discount Days Due	N0 1/3	O	If ITD01 = 08, then enter number of days in the discount period
ITD06 446	Terms Net Due Days	DT 6/6	O	Not Used
ITD07 386	Terms Net Days	N0 1/3	O	If ITD01 = 05, then enter 30
ITD08 362	Terms Discount Amount	N2 1/10	O	If ITD01=05, then enter the amount not subject to discount here

Note 1: Use this segment and ITD01 = 05 to identify line item amounts which are not subject to a discount. When ITD01=05, use ITD 07 (default to 30 days because it is required in the X12) and ITD08.

Note 2: Use this segment and ITD01 = 08 when a different discount percent or amount is offered for the invoice line item. ITD03 and ITD05 are mandatory in this case.

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REF-REFERENCE NUMBERS

Table/Position: 2/120
 Usage: O (DFAS-DE Conditional)
 Max Use: >1
 Use this segment to cite the appropriations/ACRN's

Syntax Note: Whenever an REF01 is used, an REF02 or REF03 must follow it.

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
REF 01 128	Reference Number Qualifier	ID 2/2	R/O	AT – (Optional) Long Line of Accounting RQ - (Optional) Purchase Requisition Number (See Note 2)
REF 02 127	Reference Number	AN 1/30	C	REF01 = RQ, cite actual MILSTRIP number
REF 03 352	Description	AN 1/80	C	REF01 = AT, then enter the long line of accounting data

Note 1: This REF segment is used in conjunction with IT1 to identify and price the CLIN or call.

Note 2: Required unless a call number is specified in 2/010/IT101. This is the Purchase Requisition Number (use to indicate the 14 position MILSTRIP number associated with the current item).

TDS - TOTAL MONETARY VALUE SUMMARY

Table/Position: 3/010
 Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
TDS01 610	Total Invoice Amount	N2 1/15	M	Total amount of invoice before any applicable discount (See Notes)

Note 1: Must contain two (2) decimal places with an **IMPLIED** decimal point. Express \$752.68 as 75268, \$73,480.00 as 7348000.

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TXI – SERVICE, PROMOTION, ALLOWANCE OR CHARGE INFORMATION

Table/Position: 3/020
 Usage: O (DFAS-DE Conditional)
 Max Use: 10

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
TXI01 963	Tax Type Code	ID 2/2	O	CA - City Tax FI - FICA FD - Federal FT - Federal Excise Tax GR - Gross Receipts Tax LO - Local Tax LS - Local & State Sales Tax SE - State Excise Tax SF - Super Fund
TXI02 782	Monetary Amount	R 1/15	C	Dollar amount associated with the code in TX101
TXI03 954	Percent	R 1/10	O	Not used
TXI07 662	Relationship Code	ID 1/1	O	A - Add
TXI108 828	Dollar Basis for Percent	R 1/9	O	Not used

Use this segment only if the tax amount applies to the total invoiced amount and was not identified in the invoice detail amounts.

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SAC - SERVICE, PROMOTION, ALLOWANCE OR CHARGE INFORMATION

Table/Position: 3/040
 Usage: O (DFAS-DE Conditional)
 Max Use: 1
 Loop Repeat: 25

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
SAC01 248	Allowance or Charge Indicator	ID 1/1	R	A - Allowance C - Charge
SAC02 1300	Service, Promotion, Allowance or Charge Code	ID 4/4	R	B800 - Credit D240 - Freight D540 - Hazardous Materials (Domestic) D550 - Hazardous Materials (International) D640 - Holding Charges D900 - Installation D920 - Insurance Fee D980 - Insurance E190 - Labor Charges E240 - Labor, Test and Calibrate E520 - Mailing - Service Fee E880 - Ocean Charges - Hazardous F560 - Premium Transportation G830 - Shipping and Handling H310 - Standby Charge H550 - Surcharge I170 - Trade Discount I431 - US Customs Service
SAC03 559	Agency Qualifier Code	ID 2/2	O	Not used
SAC04 1301	Agency Service, Promotion, Allowance or Charge Code	AN 1/15	O	Not Used
SAC05 610	Amount	N2 1/10	R	Amount of Allowance or Charge (See Note)

Use to identify miscellaneous charges that are not being invoiced as a line item.

Note: Must contain two (2) decimal places with an **IMPLIED** decimal point. **IAPS limits this field to 10 positions. Use only for additional charges not included in unit price and only if reimbursement is authorized within the contract listed in BIG 04 and BIG 05.**

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CTT - TRANSACTION TOTALS

Table/Position: 3/070
 Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
CTT01 354	Number of Line Items	N0 1/6	M	Indicate the total number of times the IT1 loop was used in the transaction set

SE - TRANSACTION SET TRAILER

Table/Position: 3/080
 Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
SE01 96	Number of Included Segments	N0 1/10	M	Assigned by translation software
SE02 329	Transaction Set Control Number	AN 4/9	M	Control Number (the same as in ST02 in Header)

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GE - FUNCTIONAL GROUP TRAILER

Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
GE01 97	Number of Included Sets	N0 1/6	M	Total number of transaction sets in the functional group. Assigned by Translation Software
GE02 28	Group Control Number	N0 9/9	M	Assigned by Translation Software (Must be the same as in GS06 in Header)

IEA - INTERCHANGE CONTROL TRAILER

Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-DE Format Min/Max	DFAS-DE Req Des	DFAS-DE Entry/Implementation Note
IEA01 116	Number of Included Functional Groups	N0 1/5	M	Count of the number of functional groups in an interchange. Assigned by Translation Software
IEA02 112	Interchange Control Number	N0 9/9	M	Assigned by Translation Software (Must be the same as in ISA13 in Header)