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EDI Guide Appendix I 811T (Contractual and Non-Contractual Consolidated Service Invoice/Statement) Version 5.10.0

February 2017



Prepared For:
Defense Logistics Agency

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Under:
Contract No. SP4701-16-D-2001
Project Name: Invoicing, Receipt, Acceptance and Property Transfer (iRAPT)

Approved By:

10/12/2016

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February 2017

811 Consolidated Service Invoice/Statement

Functional Group ID=**CI**

Introduction:

iRAPT VERSION:
5.10.0
February 2017

This iRAPT guide is based on the DoD Consolidated Service Invoice/Statement Transaction Set (811) which contains the base format and establishes the data contents of their use. This transaction set provides for the billing or reporting of complex and structured contractual and non-contractual service invoice/statement detail. This standard can be used by DoD trading partners who are interested in sending either consolidated or standalone invoices for service arrangements which require processing other than that done using a commercial invoice variation.

Notes:

DoD/Federal IC Notes:

1. Use a single occurrence of this transaction to invoice or provide adjustments for one or more deliveries or service performances, provided to the Federal Government on one or more shipments.
2. Use to transmit commercial consolidated service invoice data only from one invoice preparing party to one invoice receiving party.
3. For summing rules and examples, refer to Alliance for Telecommunications Industry Solutions (ATIS) on behalf of the Ordering and Billing forum (OBF). This information is available on the web.
4. Use this transaction set to transmit telecommunication consolidated service invoices to a Federal Government activity responsible for initiating the payment. This implementation convention may also be used within the federal government to transmit all or portions of the invoice to other activities for repayment to the activity or for information.

For iRAPT:

811_WAWF_4010_EDI_Detail
DoD IC - 004010D811T1 - July 22, 2009

General Instructions:

The following pages represent the iRAPT Data Element/Segment Cross Reference for reporting 811T EDI data into iRAPT for the current release. The tables that follow present the usage of the Segments and Data Elements arrayed in Transaction Set Order. Only the Segments that iRAPT accepts are outlined below. The information represents 811T (Contractual and Non-Contractual Consolidated Service Invoice/Statement) X12 transactions into Invoicing, Receipt, Acceptance and Property Transfer (iRAPT). This EDI Guide was created using the latest draft of the Implementation Conventions (Version 004010D811T0).

NOTE: If using a word processor program (i.e. Microsoft Word, WordPerfect, Microsoft WordPad, Microsoft Write, etc.) to create EDI files, then the text must first be cut/copied out of the word processor program and pasted into Microsoft Notepad, or another ASCII text editor and saved in the text editor, before sending the data to iRAPT. This converts the text to text-only format and removes control characters that contain formatting information.

Sending Attachments to iRAPT:

To send attachments to iRAPT that are related to an EDI transaction via SFTP, Vendors must use the attachment

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code "E9" (See 1/REF/050) to associate the attachment with the transaction.

WAWF provides Vendors the capability to manually FTP over attachments electronically. These attachments can then be referenced and attached to inbound EDI transactions. Please contact the Help Desk for assistance in setting up a directory on the FTP server to submit attachments using this method. Once set up with a directory, Vendors will need to FTP over their file as a separate action from submitting the EDI file. The attachment needs to be present on the server at the time the inbound EDI file is processed by iRAPT.

WARNING: Invoicing, Receipt, Acceptance and Property Transfer (iRAPT) is designated for SENSITIVE UNCLASSIFIED INFORMATION ONLY. DO NOT UPLOAD CLASSIFIED ATTACHMENTS INTO iRAPT.

Website for detailed UID information:

<http://www.acq.osd.mil/dpap/pdi/uid/index.html>

Website for detailed RFID information:

<http://www.acq.osd.mil/log/rfid/index.htm>

Attributes:

This guide displays both User (iRAPT) and Base (X12) data element attributes side by side. The codes used in these table columns are defined here. iRAPT Attributes are only displayed if they differ from X12 usage, and further restrict X12 Attributes.

Base Attributes (X12 Attributes)

- o M Must Use
- o O Optional
- o C Conditional
- o X Relational (Element level only) - Will have a Syntax or Dependency Note describing usage.

User Attributes (iRAPT Attributes)

- o M Mandatory - Required by iRAPT.
- o O Optional
- o C Conditional - Will have a iRAPT Note describing usage.
- o Not Used Not used - Not used by iRAPT.

The Type field describes what kind of data iRAPT will expect to receive for a given Element. Possible Type codes are defined here.

- o Nv Numeric Field where v = number of decimal positions, decimal implied (i.e. 300 will be read as 3.00)
- o R Decimal number. If value includes decimal, then iRAPT requires decimal point and value be sent. iRAPT will NOT imply or assume decimal points. Decimal (.) and negative (-) characters do not count against the Min/Max set for R type fields. Examples:
 - o 300 will be read into iRAPT as "300"
 - o 3.00 will be read into iRAPT as "3"
 - o 3.5 will be read into iRAPT as "3.5"
- o ID Identifier. Codes used by iRAPT will be listed within the element or another specified location
- o AN Alphanumeric String
- o DT All date Fields will use format CCYYMMDD
- o TM All time Fields will use the format HHMMSS

Transaction Notes:

- o All notes shaded in grey ("For iRAPT", "iRAPT Edits", "Samples", etc.) pertain specifically to iRAPT and may not reflect an X12 usage. Whenever a iRAPT-specific note says to use a data element for a purpose not mentioned by "DoD/Fed IC Notes", "Syntax Notes", "Semantic Notes", or other notes not shaded in grey, the iRAPT instruction takes precedence.
- o The values that iRAPT accepts for all fields are described. By default, iRAPT rejects all codes and values not identified in this guide. In cases where iRAPT ignores a code instead of rejecting the document, a comment to that effect will be displayed in the Segment.

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
 - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
 - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

If an Invoice is submitted and identified as a possible duplicate, the log will include the following warning message: "Please verify that this document is not a duplicate of INVNO001." This validation will not prevent the document from being created. Invoices are identified as a possible duplicate when the following criteria is met:

- Contract Number and Delivery Order Number match.
- Request/Invoice/Voucher Number match, excluding the trailing alpha character.
- Previously submitted document status is not void.
- Invoices must have the same gross amount.
- Period of Performance Dates, Service Start/End Dates, and Estimated Delivery Date match.
- For each matching Line Item, the Quantity Shipped and Unit Price match.

History Page:

5.4.0-1 10/30/12 CAMCG166

Removed all History prior to 5.4

5.4.0-2 10/30/12 ECP0725

REF Pos.50: Added "ACC" to REF01 and "Draft" to REF02 for Draft Indicator. Added Sample and "ACC" to code list.

5.4.0-3 12/14/12 WIT Issue 2501 v5.4 SIT

REF Pos.50: Added additional "Draft" information to notes section

5.4.0-4 12/17/12 WIT Issue 2467 v5.4 SIT

REF Pos.50, REF02: Updated Grant to Grant/Cooperative Agreement and added Non-Procurement Instruments to "D"

5.4.1-1 03/6/13 CAMCG196

Updated to Version 5.4.1, July 2013

5.4.1-2 03/6/13 ECP_0727 - FTP/EDI Guides

IT1 Pos.010, IT101: Added MOCAS edit - 4N, 4N2A, 1A3AN, "NONE" or "NONE"NN

SLN Pos. 390, SLN01: Added MOCAS edit - 4N, 4N2A, 1A3AN, "NONE" or "NONE"NN

5.5.0-1 07/26/2013 CAMCG211

Updated to version 5.5, January 2014

5.6.0 - 5/7/2014 WAWF-215

Updated to version 5.6, August 2014

5.6.1 - 5/7/2014 WAWF-323

IT1 Pos. 210, IT01: Added "The letters "I" and "O" may not be used within the Line Item Number."

SLN Pos. 390, SLN01: Added "The letters "I" and "O" may not be used within the Line Item Number."

5.6.2 - 5/27/2014 WAWF-737 WIT Issue 3894 v5.6 SIT ECP 764 5.6b1f1

IT1 Pos. 210, IT06 and IT107: Removed iRAPT Notes referring to Stock Number Type and Stock Number.

SLN Pos. 390, SLN09 and SLN10: Removed iRAPT Notes referring to Stock Number Type and Stock Number.

5.6.0 - 5/7/2014 WAWF-1283

Updated to October2014; changed references to WAWF to iRAPT

5.6 - 9/2/2014 WAWF-1449

REF Pos.050 -

REF02: For Contract Number, added "Positions 10 through 13 may not be "0000"." to Contract Number edits for DoD FAR Contract.

REF02: For Delivery Order Number, added "Letters "I" and "O" are not allowed. The characters "A" and "P" are prohibited in the first position. "0000" is not an acceptable value." to Delivery Order edits for DoD FAR Contract.

5.7 - 11/13/2014 WAWF-1556 ECP0731

Updated the following segments to accept additional email information:

N1 Segment – Name Segment, Pos. 100 - Heading

PER Segment – Administrative Communications Contact, Pos. 150 - Header

5.7 - 02/24/2015 WAWF-1908 ECP0794 guide updates

REF Segment at position 050

Added Contract Number Type - S Uniform PIID (FAR 4.16)

Added Edits for Contract Number and Delivery Order

5.8 - 08/26/2015 - DR 1274 - Set BIG07 to Mandatory

5.9 - 2/5/2016 - WAWF-2762 - updated version

5.9 - 2/8/2016 - WAWF-2885

ITD pos. 070 - iRAPT Payment System Edit Notes: MOCAS- Removed ITD04 and ITD08.

5.9 - 2/15/2016 IRAPT-913 ECP_0875

General Instructions-

Notes: Added the following-

If an Invoice is submitted and identified as a possible duplicate, the log will include the following warning message: "Please verify that this document is not a duplicate of INVNO001." This validation will not prevent the document from being created. Invoices are identified as a possible duplicate when the following criteria is met:

- Contract Number and Delivery Order Number match.
- Request/Invoice/Voucher Number match, excluding the trailing alpha character.
- Previously submitted document status is not void.
- Invoices must have the same gross amount.
- Period of Performance Dates, Service Start/End Dates, and Estimated Delivery Date match.
- For each matching Line Item, the Quantity Shipped and Unit Price match.

iRAPT Edits:

EBS and Standard Pay are not allowed to submit 811T Telecom Invoices.

MOCAS and Navy ERP are not allowed to submit Non-Contractual 811T Telecom Invoices.

Heading:

Page No.	Pos. No.	Seg. ID	Name	X12 Attributes	WAWF Attributes	Max.Use	Loop Repeat	Notes and Comments
	010	ST	Transaction Set Header	M	M	1		
	020	BIG	Beginning Segment for Invoice	M	M	1		
	030	NTE	Note/Special Instruction	O	O	100		
	040	CUR	Currency	O	O	1		
	050	REF	Reference Identification	O	O	>1		
	060	PER	Administrative Communications Contact	O	O	3		
	070	ITD	Terms of Sale/Deferred Terms of Sale	O	O	5		
	080	DTM	Date/Time Reference	O	O	10		
	090	TXI	Tax Information	O	O	>1		
			LOOP ID - N1				>1	
100	N1		Name	O	M	1		

110	N2	Additional Name Information	O	C	2
120	N3	Address Information	O	C	2
130	N4	Geographic Location	O	C	1
140	REF	Reference Identification	O	O	12
150	PER	Administrative Communications Contact	O	C	3

Detail:

Page No.	Pos. No.	Seg. ID	Name	X12 Attributes	WAWF Attributes	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - HL							>1	
	010	HL	Hierarchical Level	M	M	1		n1
LOOP ID - LX							>1	
	020	LX	Assigned Number	O	O	1		
	030	SI	Service Characteristic Identification	O	O	8		
	040	PID	Product/Item Description	O	O	200		
	050	REF	Reference Identification	O	O	>1		
	060	AMT	Monetary Amount	O	O	5		
	070	DTM	Date/Time Reference	O	O	8		
	080	TXI	Tax Information	O	O	>1		
LOOP ID - QTY							10	
	090	QTY	Quantity	O	O	1		
	100	SI	Service Characteristic Identification	O	O	1		
LOOP ID - NMI							1	
	110	NM1	Individual or Organizational Name	O	O	1		n2
	120	N2	Additional Name Information	O	O	2		
	130	N3	Address Information	O	O	2		
	140	N4	Geographic Location	O	O	1		
	150	REF	Reference Identification	O	O	2		
	160	PER	Administrative Communications Contact	O	O	>1		
	170	TXI	Tax Information	O	O	>1		
LOOP ID - ITA							>1	
	180	ITA	Allowance, Charge or Service	O	O	1		
	190	DTM	Date/Time Reference	O	O	1		
	200	TXI	Tax Information	O	O	>1		
LOOP ID - IT1							999	
	210	IT1	Baseline Item Data (Invoice)	O	O	1		n3
	220	SI	Service Characteristic Identification	O	O	2		
	230	PID	Product/Item Description	O	M	200		
	240	INC	Installment Information	O	O	1		
	250	TXI	Tax Information	O	O	>1		
	260	REF	Reference Identification	O	O	8		
	270	DTM	Date/Time Reference	O	O	10		
	280	MSG	Message Text	O	O	>1		
	285	AMT	Monetary Amount	O	O	1		
LOOP ID - QTY							>1	
	290	QTY	Quantity	O	O	1		
	300	SI	Service Characteristic Identification	O	O	1		
LOOP ID - ITA							10	
	310	ITA	Allowance, Charge or Service	O	O	1		

320	DTM	Date/Time Reference	O	O	1	
330	TXI	Tax Information	O	O	>1	
					LOOP ID - NMI >1	
340	NM1	Individual or Organizational Name	O	O	1	
350	N2	Additional Name Information	O	O	2	
360	N3	Address Information	O	O	2	
370	N4	Geographic Location	O	O	1	
380	PER	Administrative Communications Contact	O	O	3	
					LOOP ID - SLN >1	
390	SLN	Subline Item Detail	O	O	1	n4
400	SI	Service Characteristic Identification	O	O	10	
410	PID	Product/Item Description	O	O	200	
420	CUR	Currency	O	O	1	
430	INC	Installment Information	O	O	1	
440	ITA	Allowance, Charge or Service	O	O	10	
450	TXI	Tax Information	O	O	>1	
460	REF	Reference Identification	O	O	>1	
470	PER	Administrative Communications Contact	O	O	3	
480	DTM	Date/Time Reference	O	O	10	
490	AMT	Monetary Amount	O	O	15	
500	MSG	Message Text	O	O	>1	
					LOOP ID - QTY >1	
510	QTY	Quantity	O	O	1	
520	SI	Service Characteristic Identification	O	O	1	
					LOOP ID - NMI >1	
530	NM1	Individual or Organizational Name	O	O	1	
540	N2	Additional Name Information	O	O	2	
550	N3	Address Information	O	O	2	
560	N4	Geographic Location	O	O	1	
570	REF	Reference Identification	O	O	8	
580	PER	Administrative Communications Contact	O	O	3	
					LOOP ID - TCD >1	
590	TCD	Itemized Call Detail	O	O	1	n5
600	SI	Service Characteristic Identification	O	O	2	
610	TXI	Tax Information	O	O	>1	
615	ITA	Allowance, Charge or Service	O	O	>1	
					LOOP ID - QTY >1	
617	QTY	Quantity	O	O	1	
618	SI	Service Characteristic Identification	O	O	1	
					LOOP ID - USD >1	
620	USD	Usage-Sensitive Detail	O	O	1	n6
625	SI	Service Characteristic Identification	O	O	2	
630	ITA	Allowance, Charge or Service	O	O	2	
640	TRF	Rating Factors	O	O	18	
					LOOP ID - QTY >1	
650	QTY	Quantity	O	O	1	
660	SI	Service Characteristic Identification	O	O	1	

Summary:

Page No.	Pos. No.	Seg. ID	Name	X12 Attributes	WAWF Attributes	Max.Use	Loop Repeat	Notes and Comments
	010	TDS	Total Monetary Value Summary	M	M	1		
			LOOP ID - ITA				>1	
	020	ITA	Allowance, Charge or Service	O	O	1		
	030	DTM	Date/Time Reference	O	O	1		
	035	REF	Reference Identification	O	O	5		
			LOOP ID - BAL				>1	
	040	BAL	Balance Detail	O	O	1		
	050	DTM	Date/Time Reference	O	O	1		
			LOOP ID - N1				>1	
	060	N1	Name	O	O	1		
			LOOP ID - BAL				>1	
	070	BAL	Balance Detail	O	O	1		
	080	DTM	Date/Time Reference	O	O	1		
			LOOP ID - ITA				>1	
	090	ITA	Allowance, Charge or Service	O	O	1		
	100	DTM	Date/Time Reference	O	O	2		
	103	SI	Service Characteristic Identification	O	O	2		
	105	REF	Reference Identification	O	O	5		
			LOOP ID - LX				>1	
	107	LX	Assigned Number	O	O	1		
	108	REF	Reference Identification	O	O	1		
			LOOP ID - AMT				>1	
	109	AMT	Monetary Amount	O	O	1		
	110	DTM	Date/Time Reference	O	O	1		
			LOOP ID - ITA				>1	
	111	ITA	Allowance, Charge or Service	O	O	1		
	112	DTM	Date/Time Reference	O	O	1		
	115	CTT	Transaction Totals	O	O	1		n7
	120	SE	Transaction Set Trailer	M	M	1		

Transaction Set Notes

- Valid codes for HL03 to define levels for this transaction set are given below: 1 - Service/Billing Provider (Identifies the Company Providing the Service/Billing) 2 - Billing Arrangement (Identifies a Specific Billing Arrangement) 3 - Sub-billing Arrangement (Identifies a More Detailed Billing Arrangement) 4 - Group (Identifies a Group of Charges on the Bill) 5 - Category (Identifies the Subdivision of the Group) 6 - Subcategory (Identifies a Further Breakdown of the Category) 7 - Type (Identifies a Further Breakdown of the Subcategory) 8 - Charge Detail (Identifies the Lowest Level of Charges within a Billing Arrangement) 9 - Line Detail (Identifies the Supporting Detail Associated with the Charge or Group Level) They must be used in the (hierarchical) order in which they are listed; however, certain levels are optional and may be omitted. At least one occurrence each of the service/billing provider level and group level is required.
- When used for telecommunications billing, the service/billing provider level is defined by the NM1 loop.
- The group level is defined by at least one occurrence of the IT1 loop which may only appear at the group level.
- The SLN loop may only appear at the charge detail level.
- The TCD loop may only appear at the line detail level.
- The USD loop may only appear at the line detail level.
- The number of line items (CTT01) is the accumulation of the number of IT1 segments.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Must Use
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:
Business Rules: Variable Name: STST

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 811 Consolidated Service Invoice/Statement	M ID 3/3	M
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9	M

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Must Use
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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
BIG01	373	Date Date expressed as CCYYMMDD For iRAPT: CCYYMMDD Date of Invoice	M DT 8/8	M
BIG02	76	Invoice Number Identifying number assigned by issuer DoD/Federal IC Notes: OBF recommends that this number be unique. One method that may be used to make this number unique is to join the account number and the invoice date. For iRAPT: The Invoice Number will be converted to upper case. It will most likely be made up of the "Billing Account Number" plus the date (1-22 Alpha-Numeric Characters). iRAPT Edits: MOCAS - Min/Max 1/8	M AN 1/22	M
BIG03	373	Date Date expressed as CCYYMMDD For iRAPT: Contract Issue Date If the BIG03 is not provided, this data element will be populated from EDA if the information is available.	O DT 8/8	O
BIG04	324	Purchase Order Number	O AN 1/22	Not Used
BIG05	328	Release Number	O AN 1/30	Not Used
BIG06	327	Change Order Sequence Number	O AN 1/8	Not Used
BIG07	640	Transaction Type Code Code specifying the type of transaction For iRAPT: Contractual Invoice: Enter "DI" for Contractual Invoice / Non-Final Enter "FB" for Contractual Invoice / Final Bill For Non-Contractual Invoice: Enter "26" for Vendor Created Misc. Pay - Services Invoice iRAPT Edits:	M ID 2/2	M

MOCAS and Navy ERP do not allow non-Contractual Invoices and may not enter "26" in BIG07.

26	Miscellaneous Services Invoice
DI	Debit Invoice
FB	Final Bill

BIG08

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Transaction Set Purpose Code

O ID 2/2 O

Code identifying purpose of transaction set

For iRAPT:

For Void or Void & Replace documents, the following Key Data Elements cannot be changed:

- Contract Number (for Contractual) / Pseudo PIIN (for Non-Contractual), (1/REF/050, REF02 when REF01 = "CT")
- Delivery Order Number, (1/REF/050, REF02 when REF01 = "DO")
- Shipment Number, (1/REF/050, REF02 when REF01 = "SI") (Contractual only)
- Invoice Number, (1/BIG/020, BIG02)

00	Original
01	Cancellation

For iRAPT:

05	Replace
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For iRAPT:

05	Void & Replace
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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: **For iRAPT**

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

The delimiter character "^" is not allowed in comments.

The comments will be concatenated into a single comment which may not exceed 2000 characters.

Comments are mandatory if there is a previously submitted final Invoice against the Contract Number and Delivery Order.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3	O
		Code identifying the functional area or purpose for which the note applies		
		ADD Additional Information		
		GEN Entire Transaction Set		
		INV Invoice Instruction		
		OTH Other Instructions		
		PRI Priority		
		TIL Tariff Index		
		TLF Tariff Rule		
		TRF Tariff Rate Footnotes		
		TSF Tariff Section Footnotes		
NTE02	352	Description	M AN 1/80	M
		A free-form description to clarify the related data elements and their content		
		For iRAPT:		
		NTE02 must be used if NTE01 is used.		

Segment: **CUR** Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:
Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.
Notes: **DoD/Federal IC Notes**

Use this 1/CUR/040 segment to identify the currency in which payment is requested.

For iRAPT

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
 - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
 - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
 - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
CUR01	98	Entity Identifier Code	M ID 2/3	M ID 2/2
		Code identifying an organizational entity, a physical location, property or an individual		
		For iRAPT:		
		iRAPT only accepts "BY" for Buying Party (Purchaser). "BY" must be capitalized.		
		BY Buying Party (Purchaser)		
CUR02	100	Currency Code	M ID 3/3	M

Code (Standard ISO) for country in whose currency the charges are specified

DoD/Federal IC Notes:

CAD Canada, Dollars

USD United States of America, Dollars

CUR03	280	Exchange Rate	O R 4/10 O
		For additional values, request ISO 4217 Currency Code List.	
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
		For iRAPT:	
		Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.	
CUR04	98	Entity Identifier Code	O ID 2/3 O
		Code identifying an organizational entity, a physical location, property or an individual	
		For iRAPT:	
		Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.	
		PE Payee	
		PM Party to receive paper Memo of Invoice	
		RI Remit To	
		SE Selling Party	
		SJ Service Provider	
		Identifies name and address information as pertaining to a service provider for which billing is being rendered	
CUR05	100	Currency Code	O ID 3/3 O
		Code (Standard ISO) for country in whose currency the charges are specified	
		DoD/Federal IC Notes:	
		CAD Canada, Dollars	
		USD United States of America, Dollars	
		For additional values, request ISO 4217 Currency Code List.	
		For iRAPT:	
		Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.	
CUR06	669	Currency Market/Exchange Code	O ID 3/3 O
		Code identifying the market upon which the currency exchange rate is based	
		For iRAPT:	
		Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.	
		IMF International Monetary Fund	
		LNF London (England) Exchange - First Closing	
		LNS London (England) Exchange - Second Closing	
		NYC New York Foreign Exchange	
		PHI Philadelphia Foreign Exchange	
		ZUR Zurich (Switzerland) Exchange	
CUR07	374	Date/Time Qualifier	X ID 3/3 O
		Code specifying type of date or time, or both date and time	
		For iRAPT:	
		Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.	
		001 Cancel After	
		003 Invoice	
		007 Effective	
		DoD/Federal IC Notes:	
		Effective date of exchange	

009	Process
035	Delivered
092	Contract Effective
093	Contract Expiration
102	Issue
150	Service Period Start
151	Service Period End
152	Effective Date of Change
	Date on which the change went into effect
153	Service Interruption
154	Adjustment Period Start
155	Adjustment Period End

CUR08 **373** **Date** **O DT 8/8 O**

Date expressed as CCYYMMDD

For iRAPT:

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

CUR09 **337** **Time** **O TM 4/8 O**

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)

For iRAPT:

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
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:

For iRAPT

Only REF Segments with the REF01 codes noted below will be displayed on the iRAPT document. All other data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

When EDI submissions are identified as a "Draft", the system will process them inbound using the following minimal data set requirements:

- o Vendor CAGE
- o Contract Number Type (Defaults to DoD Contract (FAR) if not entered)
- o Contract Number
- o Delivery Order Number
- o Pay Official DoDAAC
- o Document Type
- o Routing DoDAACs depending on the document type and pay system
- o Invoice/Shipment Number depending on the document type
- o If any Line Item data is submitted, the Item No is mandatory

Once submitted as a "Draft", all documents must be processed via the web interface using the current "Save and Continue" functionality. There will be no ability to "add to a document" via additional electronic submissions.

Samples

REF^ACC^Draft (Draft Indicator)

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3	M

Code qualifying the Reference Identification

For iRAPT:

If a code is used in REF01, then the associated REF02 and/or REF03 is required. REF03 is only required when "SI" or "E9" is entered in REF01.

Enter "ACC" for Status to capture Draft Indicator.

- 11 Account Number
Number identifies a telecommunications industry account
- 12 Billing Account
Account number under which billing is rendered

For iRAPT:

Use for document level AAA (Not used for Contractual).

- 14 Master Account Number
Account number used to represent individual billing accounts which have been consolidated and/or summarized
- 8M Originating Company Identifier
- 8N Receiving Company Identifier

AAO	Carrier Assigned Code
ACC	Status
	For iRAPT:
	Draft Indicator
AP	Accounts Receivable Number
BB	Authorization Number
	Proves that permission was obtained to provide a service
BF	Billing Center Identification
BLT	Billing Type
CR	Customer Reference Number
CT	Contract Number
	For iRAPT:
	Contractual:
	Mandatory
	Non-Contractual:
	- For Original documents (BIG08 = 00), Contract Number is not used. iRAPT will generate a Pseudo PIIN which will be displayed in the Contract Number field on the Web.
	- For Void and Void & Replace documents (BIG08 = 01 or 05), "CT" is Mandatory. Enter the Pseudo PIIN that was generated for the original document in REF02.
DO	Delivery Order Number
E9	Attachment Code
	Supplementary reference information
EH	Financial Classification Code
HB	Bill & Hold Invoice Number
IV	Seller's Invoice Number
KL	Contract Reference
	For iRAPT:
	If REF01 = KL, enter Contract Number Type in REF02
	If the value is not provided, the transaction will be defaulted to a value of B - DoD Contract (FAR), and all associated edits for Contract Number and Delivery Order number structure associated with DOD Contract (FAR) will be applied to the inbound file and if not met the file will fail.
LJ	Local Jurisdiction
LU	Location Number
P4	Project Code
PO	Purchase Order Number
R0	Regiristo Federal de Contribuyentes (Mexican Federal Tax ID Number)
RE	Release Number
SI	Shipper's Identifying Number for Shipment (SID)
	A unique number (to the shipper) assigned by the shipper to identify the shipment
	For iRAPT:
	Shipment Number.
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim
V0	Version
VN	Vendor Order Number
YN	Receiver ID Qualifier
ZH	Carrier Assigned Reference Number

ZZ Mutually Defined

For iRAPT:

Contractual:

If REF01 = 'ZZ', enter Reference Procurement Instrument Number in REF02

REF02 **127** **Reference Identification** **X** **AN 1/30** **O** **AN 1/19**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

For iRAPT:

Contract Number:

If REF01 = CT, the Contract Number must be given in REF02.

Contract Number will be converted to upper case.

Enter GSA Contract Number in the REF02 Segment: Reference Procurement Instrument Number.

Delivery Order:

If REF01 = DO, the Delivery Order Number must be given in REF02.

Delivery Order will be converted to upper case.

Shipment Number:

If REF01 = SI, the Shipment Number must be given in REF02.

Min/Max 7/8

Shipment Number will be converted to upper case.

Attachment:

If REF01 = E9, the word "Attachment" must be given in REF02.

Contractual:

Mandatory

Reference Procurement Instrument Number:

If REF01 = ZZ, enter Reference Procurement Instrument Number in REF02

Contract Number Type:

If "KL" is entered in REF01, enter the Contract Number Type in REF02, refer to the list below:

A Cooperative Agmt.

B DoD Contract (FAR)

C DoD Contract (Non FAR)

D Grant/Cooperative Agreement; Non-Procurement Instruments

E Intragovernmental

F Intergovernmental

G International Agmt.

I Non-DoD Contract (FAR)

J Non-DoD Contract (Non FAR)

K Other Agreement

S Uniform PIID (FAR 4.16)

Draft Indicator:

If REF01 = "ACC" enter "Draft".

Contract Number and Delivery Order Edits:

Contract Type is "DoD Contract (FAR)"; Fiscal Year 16 and later:

Contract Number Edits:

o No special characters allowed.

o Must be 13 characters in length.

- o Contract cannot contain "O" or "I" at any position.
- o First 6 positions must be a valid government DoDAAC.
- o Positions 7 and 8 (FY parameter) must be numeric and greater than or equal to 16 and less than 66.
- o Position 9 must be alpha.
- o Position 9 may not be: B, E, I, J, O, Q, R, U, W, X, Y, or Z.
- o Position 10 through 13 in the Contract Number may not be "0000."

Delivery Order Number Edits:

- o No special characters allowed.
- o Must be 13 characters in length.
- o Delivery Order Number may not contain "O" or "I" at any position.
- o First 6 positions must be valid government DoDAAC.
- o Positions 7 and 8 (FY parameter) must be numeric and 16 or greater and less than 66.
- o Position 9 must be F.
- o Position 10 through 13 in the Delivery Order Number may not be "0000" (all zeroes).
- o Delivery Order is prohibited when the 9th position of the Contract Number is C, F, H, M, P, or V.
- o For Acquisition, Delivery Order is required when the 9th position of the Contract Number is A, D, or G.

Contract Type is "DoD Contract (FAR)"; Fiscal Year 15 and prior:

Contract Number Edits:

- o No special characters allowed.
- o Must be 13 characters in length.
- o Contract cannot contain "O" or "I" at any position.
- o First 6 positions must be a valid government DoDAAC.
- o Positions 7 and 8 (FY parameter) must be numeric and less than 16 or greater than 65.
- o Position 9 must be alpha.
- o Position 9 cannot be - B, E, I, J, N, O, Q, R, T, U, or Y.
- o Position 10 through 13 in the Contract Number may not be "0000."

Delivery Order Number Edits:

- o No special characters allowed.
- o Must be 0, 4, or 13 characters in length.
- o May not contain "O" or "I" at any position.
- o For Acquisition, Delivery Order required when the ninth position of Contract Number is A, D or G.
- o Delivery Order prohibited when ninth position of Contract Number is C, F, M, P, V, or W.
- o If the Delivery Order is 4 characters, the following edits will be applied:
 - o The characters "A" and "P" are prohibited in the first position of 4-character Delivery Order Number.
 - o "0000" is not acceptable value.
- o If the Delivery Order is 13 characters, the following edits will be applied:
 - o First 6 positions must be valid government DoDAAC.
 - o Positions 7 and 8 must be numeric.
 - o Position 9 must be F.
 - o Positions 10 through 13 cannot be all zeroes.

Contract Type is "Uniform PIID (FAR 4.16)"

Contract Number Edits:

- o No special characters allowed.
- o Must be 13 to 17 characters in length, inclusive.
- o Contract cannot contain "O" or "I" at any position.
- o First 6 positions must be a valid government FEDAAC.
- o Positions 7 and 8 (FY parameter) must be numeric and 16 or greater.
- o Position 9 must be alpha.
- o Position 9 cannot be: B, E, I, J, O, Q, R, U, W, X, Y, or Z.
- o Position 10 through the end of the Contract Number may not be all zeroes.

Delivery Order Number Edits:

- o No special characters allowed.
- o Must be 13 to 17 characters in length, inclusive.

- o Delivery Order Number may not contain "O" or "I" at any position.
- o First 6 positions must be a valid government FEDAAC.
- o Positions 7 and 8 must be numeric and 16 (FY parameter) or greater.
- o Position 9 must be F.
- o Position 10 through the end of the Delivery Order Number may not be all zeroes.
- o Delivery Order is prohibited when the 9th position of the Contract Number is C, F, H, P, or V.
- o For Acquisition, Delivery Order is required when the 9th position of the Contract Number is A, D, or G.

iRAPT Edits:

Contract Number:

MOCAS, DCMA Admin, DSS:

Min/Max 13/13

Must be 13 alphanumeric characters with no spaces, 7th and 8th position must be numeric, 9th position must be an alpha character. If the letters "A", "D", or "G" are entered in the 9th position, a Delivery Order Number in the next instance of this REF Segment is required. The letters "O" and "I" may not be used within the Contract Number.

Shipment Number:

MOCAS, DCMA Admin:

Mandatory

Min/Max 7/8

Shipment Number must be 7 or 8 characters in the format of AAAXNNN and may have a "Z" in the 8th position.

Shipment Number must contain the prefix "SER", followed by 1 alphanumeric character, followed by 3 numeric characters.

If the Final Shipment Indicator is "Y", then the Shipment Number must be exactly 8 characters with the 8th character being a "Z".

If the Shipment Number is 8 characters and the 8th character is a "Z", then the Final Shipment Indicator must be set to "Y".

REF03	352	Description	X	AN 1/80	O
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A free-form description to clarify the related data elements and their content

For iRAPT:

Shipment Date:

If REF01="SI", then REF03 is mandatory and will contain the Shipment Date.

Min/Max 8/8

CCYYMMDD

Attachments:

If REF01="E9", then REF03 is mandatory and will contain the actual attachment name.

Attachment name, including the extension, must not exceed the maximum field length of 80 characters.

Min/Max 1/80

REF04	C040	Reference Identifier	O	O
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To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

For iRAPT:

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

C04001	128	Reference Identification Qualifier	M	ID 2/3	M
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Code qualifying the Reference Identification

ACB Region

BLT Billing Type

SU Special Processing Code

Unique code identifying the special handling requirements for the claim

C04002	127	Reference Identification	M	AN 1/30	M
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		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
C04003	128	Reference Identification Qualifier	X	ID 2/3 O
		Code qualifying the Reference Identification		
		SU		Special Processing Code
				Unique code identifying the special handling requirements for the claim
C04004	127	Reference Identification	X	AN 1/30 O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

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

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

Semantic Notes:

Comments:

Notes: For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
PER01	366	Contact Function Code	M ID 2/2	M
		Code identifying the major duty or responsibility of the person or group named		
		AR Accounts Receivable Department		
		CC Computer Systems Contact		
		OD Order Department		
PER02	93	Name	O AN 1/60	Not Used
PER03	365	Communication Number Qualifier	X ID 2/2	O
		Code identifying the type of communication number		
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		DoD/Federal IC Notes:		
		This code is to be used only within the federal government.		
		EM Electronic Mail		
		FX Facsimile		
		TE Telephone		
PER04	364	Communication Number	X AN 1/80	O
		Complete communications number including country or area code when applicable		
PER05	365	Communication Number Qualifier	X ID 2/2	O
		Code identifying the type of communication number		
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		DoD/Federal IC Notes:		
		This code is to be used only within the federal government.		
		EM Electronic Mail		
		FX Facsimile		
		TE Telephone		
PER06	364	Communication Number	X AN 1/80	Not Used
PER07	365	Communication Number Qualifier	O ID 2/2	O
		Code identifying the type of communication number		
		EM Electronic Mail		
		FX Facsimile		

PER08 **364** **TE** Telephone
Communication Number **X AN 1/80 O**
Complete communications number including country or area code when applicable

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 070
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale
Syntax Notes:

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

- 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

- 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes: **DoD/Federal IC Notes**
To specify due date and late payment terms.

For iRAPT

ITD Segments that are submitted with Elements, Element pairs, and codes not used by iRAPT will not be displayed on the iRAPT document but will be saved in the form of an attachment to the iRAPT document if possible.

iRAPT Edits

MOCAS:

Allows for only the discount combination of ITD03 and ITD05.

EBS:

Allows for only one discount combination consisting of ITD03 and ITD05.

CAPS-C/W:

Allows for up to three sets of ITD03 and ITD05. An ITD07 (Net Days) discount is allowed. More than three sets of ITD03 and ITD05 or any ITD04 and ITD08 combinations will be rejected.

One Pay:

Allows two ITD03 and ITD05 combinations or one ITD04 and ITD08 combination. In addition, one ITD07 is allowed.

IAPS-E:

Allows for only one discount combination; ITD03 and ITD05, or ITD04 and ITD08, or ITD07.

Navy ERP:

Allows up to five instances of ITD03 and ITD05, ITD08 and ITD04 or ITD07. Navy ERP allows only one entry for Net Days ITD07.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITD01	336	Terms Type Code	O ID 2/2	M
		Code identifying type of payment terms		
		03 Fixed Date		
		For iRAPT:		
		Not used by iRAPT. See For iRAPT Segment note above.		
		08 Basic Discount Offered		
		10 Instant		
		For iRAPT:		
		Not used by iRAPT. See For iRAPT Segment note above.		
		18 Fixed Date, Late Payment Penalty Applies		

Sales terms specifying a past due date, and a late payment percentage penalty applies to unpaid balances past this due date

For iRAPT:

Not used by iRAPT. See For iRAPT Segment note above.

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Cash Discount Terms Apply

Contract terms specify that a cash discount is applicable

ITD02 333 Terms Basis Date Code O ID 1/2 O

Code identifying the beginning of the terms period

3 Invoice Date

5 Invoice Receipt Date

ITD03 338 Terms Discount Percent O R 1/6 O

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

iRAPT Edits:

EBS:

Min/Max 1/3

Discount percentage is limited to NN.N

MOCAS, One Pay, IAPS-E:

Min/Max 1/4

Discount percentage is limited to NN.NN.

CAPS-C/W:

Min/Max 1/5

Discount percentage is limited to NN.NNN.

Navy ERP:

Min/Max 1/6

Discount percentage is limited to NN.NNNN.

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

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

ITD05 351 Terms Discount Days Due X N0 1/3 O N0 1/2

Number of days in the terms discount period by which payment is due if terms discount is earned

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

Date when total invoice amount becomes due expressed in format CCYYMMDD

DoD/Federal IC Notes:

Date after which Late Payment Charge applies.

ITD07 386 Terms Net Days O N0 1/3 O N0 1/2

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

ITD08 362 Terms Discount Amount O N2 1/10 O

Total amount of terms discount

For iRAPT:

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.

- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),

- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
 - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
 - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

ITD09	388	Terms Deferred Due Date	O	DT 8/8	O
		Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD			
ITD10	389	Deferred Amount Due	X	N2 1/10	O
		Deferred amount due for payment			
		DoD/Federal IC Notes:			
		Put Late Payment Charge here until X12 approves addition of ITD16.			
ITD11	342	Percent of Invoice Payable	X	R 1/5	O
		Amount of invoice payable expressed in percent			
ITD12	352	Description	O	AN 1/80	Not Used
ITD13	765	Day of Month	X	N0 1/2	O
		The numeric value of the day of the month between 1 and the maximum day of the month being referenced			
ITD14	107	Payment Method Code	O	ID 1/2	O
		Code identifying type of payment procedures			
		AC Credit Card			
		C Pay By Check			
		E Electronic Payment System			
ITD15	954	Percent	O	R 1/10	O
		Percentage expressed as a decimal			
		DoD/Federal IC Notes:			
		Late payment percentage.			

Segment: **DTM** Date/Time Reference
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: **DoD/Federal IC Notes**
 To specify billing period.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3	M
		186 Invoice Period Start When the billing period covered by an invoice begins		
		187 Invoice Period End When the billing period covered by an invoice ends		
DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8	O

Segment: **TXI** Tax Information
Position: 090
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify tax information
Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:
Notes: **For iRAPT**
Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
TXI01	963	Tax Type Code	M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		
		Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation		
		CA City Tax		
		Service Tax imposed by City		
		CB Threshold Tax		
		CG Federal Value-added Tax (GST) on Goods		
		CI City Rental Tax		
		Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party		
		CP County/Parish Sales Tax		
		CR County Rental Tax		
		Levied by a county government against the periodic fee paid by a customer		

	in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax
	Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax
	Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax
	Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax
	Canadian value-added tax
HS	Public Health and Education Tax
	Canadian tax levied to fund public care and education
HT	Handicap Tax
	Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax)
	Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal)
	Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state)
	Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks
MA	Material Tax
MN	Minimum Tax
MP	Municipal Tax
	Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax
	Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services

SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city
ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a county
ZC	911-Excise Tax Usage tax imposed to recover the cost of 911 service
ZD	911-State Tax Tax levied to recover the cost of providing 911 emergency service within a State
ZE	911-Tax Tax to recover the cost of 911 service
ZZ	Mutually Defined

TXI02 782 Monetary Amount

X R 1/18 Not

					Used
TXI03	954	Percent	X	R 1/10	O
		Percentage expressed as a decimal			
		DoD/Federal IC Notes:			
		Tax rate for this tax jurisdiction.			
TXI04	955	Tax Jurisdiction Code Qualifier	X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code			
		CD Customer defined			
		VD Vendor defined			
		VE Vertex			
TXI05	956	Tax Jurisdiction Code	X	AN 1/10	O
		Code identifying the taxing jurisdiction			
TXI06	441	Tax Exempt Code	X	ID 1/1	O
		Code identifying exemption status from sales and use tax			
		1 Yes (Tax Exempt)			
		2 No (Not Tax Exempt)			
TXI07	662	Relationship Code	O	ID 1/1	O
		Code indicating the relationship between entities			
		A Add			
		D Delete			
		O Information Only			
		Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)			
TXI08	828	Dollar Basis For Percent	O	R 1/9	O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax			
TXI09	325	Tax Identification Number	O	AN 1/20	O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number			
TXI10	350	Assigned Identification	O	AN 1/20	O
		Alphanumeric characters assigned for differentiation within a transaction set			

Segment: **N1** Name
Position: 100
Loop: N1 Must Use
Level: Heading
Usage: Must Use
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: **For iRAPT**

There must be at least four instances of the N1 Loop.

If N102 is entered, follow iRAPT specific requirements below for entering Address data. If all Address Fields are left blank (N102, N2, N3, and N4) Address information will be defaulted.

All addressing Segments (N102, N3, and N4) must be completed if an address is being entered. If a Location Code is being entered, then addressing data is not necessary. If Address data is being entered, these Fields at a minimum must be entered:

For U.S. Addresses, Fields N102, N301, N401, N402, and N403 are the minimum required to complete the Address. Other Fields are optional.

For Non-U.S. Addresses, Fields N102, N301, N401, N402, N403, and N404 are the minimum required to complete the Address. Other Fields are optional.

For U.S. Military Addresses, Fields N102, N301, N403, N405, and N406 are the minimum required to complete the Address. Other Fields are optional.

For entry of an APO/FPO address, enter the APO/FPO Zip Code in the N403, the Military Address Indicator (i.e. AR) in the N405 and the APO/FPO code (i.e. AA, AE, or AP) in the N406.

The N1 loop may also be used to submit email addresses to which iRAPT will forward an additional workflow notice for the document. When submitting email addresses, only the N1 and PER segments should be submitted in the N1 loop.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	Entity Identifier Code	M ID 2/3	M

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

For iRAPT:

iRAPT will reject transactions with codes other than those listed below.

Vendor (PE) is mandatory.

Pay Office DoDAAC (PR) is mandatory and must be a valid DoDAAC.

Admin DoDAAC (C4) is optional and must be a valid DoDAAC.

Ship To (Acceptor) DoDAAC (SV) is mandatory.

Issue By DoDAAC (BY) is optional and must be a valid DoDAAC.

LPO (PO) is optional for Contractual and mandatory for non-Contractual Invoices and must be a valid DoDAAC.

If the Admin or the Issue By DoDAACs are not provided, these data elements will be populated from EDA if the information is available.

If the Admin DoDAAC is not provided and cannot be populated from EDA, but a valid Administrator is registered to the Ship To DoDAAC, then the Admin DoDAAC will default to the Ship To DoDAAC.

If the Inspect By DoDAAC is not provided but a valid Inspector is registered to the Ship To DoDAAC, then the Inspect By DoDAAC will default to the Ship To DoDAAC.

A Contractor DoDAAC may be submitted in any field where a CAGE, DUNS, or DUNS+4 is permitted except where N101 = PE for Vendor.

To submit email addresses to which an additional workflow notice should be sent, submit "FE" in N101.

AAA	Sub-account
BY	Buying Party (Purchaser)
C4	Contract Administration Office
	Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area
	iRAPT Edits:
	MOCAS:
	Because Non-Contractual documents (BIG07 = 26) cannot be MOCAS paid, DCMA Admin DoDAACs are not used for Non-Contractual transactions.
FE	Mail Address
L1	Inspection Location
	Place where the item was viewed or inspected
PE	Payee
PO	Party to Receive Invoice for Goods or Services
PR	Payer
SV	Service Performance Site
	When services are contracted for, this describes the organization for whom or location address at which those services will be performed

N102 93 Name X AN 1/60 O

Free-form name

For iRAPT:

Name (Activity1) - Mandatory only if Address data is being entered, otherwise should not be entered.

To submit email addresses to which an additional workflow notice should be sent, enter the name of the organization in N102 when N101 = "FE".

N103 66 Identification Code Qualifier X ID 1/2 O

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

For iRAPT:

Mandatory when submitting address data.

- 1 D-U-N-S Number, Dun & Bradstreet
- 9 D-U-N-S+4, D-U-N-S Number with four character suffix
- 10 DoDAAC
- 33 CAGE
- A2 MAPAC

Not used when submitting email addresses to which an additional workflow notice should be sent.

- 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)
DoD/Federal IC Notes:
This code is to be used only within the federal government.
- 33 Commercial and Government Entity (CAGE)
DoD/Federal IC Notes:
This code is to be used only within the federal government.
- A2 Military Assistance Program Address Code (MAPAC)
Contained in the Military Assistance Program Address Directory (MAPAD);
represents the location of an entity

N104 67 Identification Code X AN 2/80 O

Code identifying a party or other code

DoD/Federal IC Notes:

If N103 = '41' use CIC code list maintained by Lockheed Martin. If N103 = '42' use Pseudo-CIC list provided in OBF Section 10.4.

For iRAPT:

Mandatory when submitting address data.

DoDAAC, CAGE or MAPAC if applicable, plus extension if applicable.
Extensions are not allowed when N101 has an identifier code of BY, C4 or PR.

Not used when submitting email addresses to which an additional workflow notice should be sent.

N105 706 Entity Relationship Code O ID 2/2 Not Used

N106 98 Entity Identifier Code O ID 2/3 O

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

For iRAPT:

Not used when submitting address data.

Used when submitting email addresses to which an additional workflow notice should be sent.

NP Notify Party for Shipper's Order

Segment: **N2 Additional Name Information**
Position: 110
Loop: N1 Must Use
Level: Heading
Usage: Dependent
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: **For iRAPT**

Refer to Address rules for iRAPT, noted in N1 Segment.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N201	93	Name Free-form name For iRAPT: Name Activity 2	M AN 1/60	M
N202	93	Name Free-form name For iRAPT: Name Activity 3 Name (Activity) - Mandatory only if Address data is entered; otherwise should not be entered.	O AN 1/60	O

Segment: N3 Address Information
Position: 120
Loop: N1 Must Use
Level: Heading
Usage: Dependent
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: For iRAPT

Refer to Address rules for iRAPT, noted in N1 Segment.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N301	166	Address Information Address information	M AN 1/55	M
N302	166	Address Information Address information	O AN 1/55	O

Segment: **N4 Geographic Location**
Position: 130
Loop: N1 Must Use
Level: Heading
Usage: Dependent
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: For iRAPT

Refer to Address rules for iRAPT, noted in N1 Segment.

If an APO/FPO Address is being entered, the Vendor must enter the information in the N403, N405, and N406.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30	O
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	O
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) For iRAPT: If the Ship To Address is an APO or FPO (N405 = AR), then cite the APO or FPO ZIP Code.	O ID 3/15	C
N404	26	Country Code Code identifying the country	O ID 2/3	O ID 2/2
N405	309	Location Qualifier Code identifying type of location For iRAPT: Enter AR for Armed Service Location Designator (For APO/FPO). All N4 Segments containing codes other than N4 = AR will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document. AC City and State AR Armed Services Location Designation CC Country CI City SP State/Province	X ID 1/2	O ID 2/2
N406	310	Location Identifier Code which identifies a specific location For iRAPT: If the Ship To Address is an APO or FPO (N405 = AR), enter APO/FPO and 2 letter code (i.e. AA, AE, or AP). Otherwise this element is not used. AA Miami AE New York AP San Francisco Example: FPO AP, APO AE	O AN 1/30	C AN 2/6

Segment: **REF** Reference Identification

Position: 140

Loop: N1 Must Use

Level: Heading

Usage: Optional

Max Use: 12

Purpose: To specify identifying information

Syntax Notes:

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

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

Comments:

Notes: For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3	M
		Code qualifying the Reference Identification		
		01 American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)		
		03 Clearing House Interbank Payment System (CHIPS) Participant Number (3 or 4 Digits)		
		05 Clearing House Interbank Payment System (CHIPS) User Identification (6 digits)		
		10 Account Managers Code		
		Identifies the telecommunications manager assigned to this account		
		13 Horizontal Coordinate		
		Positional address, horizontal component. The assigned address is based upon a grid mapping scheme		
		15 Vertical Coordinate		
		Positional Address, Vertical component. The assigned address is based upon a grid mapping scheme		
		1J Facility ID Number		
		4L Location-specific Services Reference Number		
		6R Provider Control Number		
		Number assigned by information provider company for tracking and billing purposes		
		7I Subscriber Authorization Number		
		8M Originating Company Identifier		
		8N Receiving Company Identifier		
		AAO Carrier Assigned Code		
		BC Buyer's Contract Number		
		BF Billing Center Identification		
		BLT Billing Type		
		CA Cost Allocation Reference		
		CO Customer Order Number		
		CR Customer Reference Number		
		CT Contract Number		
		DP Department Number		
		EF Electronic Funds Transfer ID Number		
		EM Electronic Payment Reference Number		
		EU End User's Purchase Order Number		
		GC Government Contract Number		

GT	Goods and Service Tax Registration Number
IS	Invoice Number Suffix
IT	Internal Customer Number
IV	Seller's Invoice Number
LB	Lockbox
LJ	Local Jurisdiction
LU	Location Number
NP	Partial Payment Number
OI	Original Invoice Number
OP	Original Purchase Order
OR	Order/Paragraph Number
P4	Project Code
PO	Purchase Order Number
PX	Previous Invoice Number
RO	Repetitive Booking Number
RT	Payee's Financial Institution Transit Routing Number for Check, Draft or Wire Payments. Receiving Depository Financial Institution Transit Routing Number for ACH Transfers
SE	Serial Number
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim
SX	Service Interrupt Tracking Number
TF	Transfer Number
TJ	Federal Taxpayer's Identification Number
V0	Version
VC	Vendor Contract Number
VN	Vendor Order Number
VR	Vendor ID Number
YN	Receiver ID Qualifier
ZH	Carrier Assigned Reference Number

REF02	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
REF03	352	Description	X	AN 1/80	O
		A free-form description to clarify the related data elements and their content			
REF04	C040	Reference Identifier	O		O
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
		For iRAPT:			
		Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.			
C04001	128	Reference Identification Qualifier	M	ID 2/3	M
		Code qualifying the Reference Identification			
C04002	127	Reference Identification	M	AN 1/30	M
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04003	128	Reference Identification Qualifier	X	ID 2/3	O
		Code qualifying the Reference Identification			
C04004	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment: **PER** Administrative Communications Contact
Position: 150
Loop: N1 Must Use
Level: Heading
Usage: Dependent
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:

For iRAPT

One PER Segment must be entered as part of the N1 Loop that describes Payee (N101 = PE) to identify the iRAPT User ID (PER01 = IC) of the user submitting the transaction.

PER Segments in the N1 Loop where N101 = FE will be used to submit email addresses to which WAWF will forward an additional workflow notice for the document.

PER Segments submitted in N1 Loops other than for Payee (N101 = PE) and additional email addresses (N101 = FE) will not be displayed in iRAPT. When N101 = PE, all PER03-08 Elements will not be displayed in iRAPT.

When submitting email addresses in the N1 Loop where N101 = FE, the PER segment may be repeated up to three times per N1 Loop, allowing for a total of nine email addresses.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
PER01	366	Contact Function Code	M ID 2/2	M

Code identifying the major duty or responsibility of the person or group named

For iRAPT:

iRAPT will ignore codes other than the one for PER01 ("IC" and "CN") noted below.

AR	Accounts Receivable Department
BI	Bill Inquiry Contact
	Service Provider contact for making inquires about information on the invoice
CN	General Contact
IC	Information Contact
OD	Order Department
TR	Technical Marketing Representative

PER02	93	Name	O AN 1/60	M
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Free-form name

For iRAPT:

If PER01 is IC, then enter the iRAPT User ID for the individual responsible for the document/transaction being submitted in PER02. The User ID is the personal iRAPT User ID that the individual uses for Web access. The Min/Max for a iRAPT User ID is 8/30.

If PER01 is CN, this field is not used.

PER03	365	Communication Number Qualifier	X ID 2/2	O
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Code identifying the type of communication number

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

DoD/Federal IC Notes:

This code is to be used only within the federal government.

- EM Electronic Mail
- FX Facsimile
- TE Telephone

PER04 364 Communication Number X AN 1/80 O

Complete communications number including country or area code when applicable

DoD/Federal IC Notes:

Complete communications number including country or area code when applicable.

For iRAPT:

When PER01 is CN and PER03 is EM, iRAPT will read PER04 as an additional email address to which a workflow notification will be sent.

PER05 365 Communication Number Qualifier X ID 2/2 O

Code identifying the type of communication number

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

DoD/Federal IC Notes:

This code is to be used only within the federal government.

- EM Electronic Mail
- FX Facsimile
- TE Telephone

PER06 364 Communication Number X AN 1/80 O

Complete communications number including country or area code when applicable

For iRAPT:

When PER01 is CN and PER05 is EM, iRAPT will read PER06 as an additional email address to which a workflow notification will be sent.

PER07 365 Communication Number Qualifier O ID 2/2 O

Code identifying the type of communication number

- AA International Telephone Access Code
Dialing Code required to call another country in addition to the number
- AB Joint Facsimile and Phone Number
- AC Message Only Voice Number
Telephone number which provides automated messages only
- AD Delivery Location Phone
- AP Alternate Telephone
- AS Answering Service
- AU Defense Switched Network
Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
- BN Beeper Number
- BT BTX Number
German communications number for on-line service provided through the Deutsche Bundespost
- CA Cable
- CP Cellular Phone
- DN Defense Data Network (DDN)
Department of Defense (DoD) data communications system
- ED Electronic Data Interchange Access Number
- EM Electronic Mail
- EX Telephone Extension
- FT Federal Telecommunications System (FTS)
- FU Facsimile User Identifier

FX	Facsimile
HF	Home Facsimile Number
HP	Home Phone Number
IT	International Telephone
MN	Modem Number
NP	Night Telephone
OF	Other Residential Facsimile Number
OT	Other Residential Telephone Number
PA	Appointment Phone
PC	Personal Cellular
PP	Personal Phone
PS	Packet Switching
SP	Showing Phone Phone number to call for information about a property showing
TE	Telephone
TL	Telex
TM	Telemail
TN	Teletex Number Teletex is specific type of Telex service provided by Deutsche Bundespost
TX	TWX
UR	Uniform Resource Locator (URL)
VM	Voice Mail
WC	Work Cellular
WF	Work Facsimile Number
WP	Work Phone Number

PER08

364

Communication Number

O AN 1/80 O

Complete communications number including country or area code when applicable

For iRAPT:

When PER01 is CN and PER07 is EM, iRAPT will read PER08 as an additional email address to which a workflow notification will be sent.

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Optional
Level: Detail
Usage: Must Use
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the HL loop at levels HL03 code "1" and code "4", is required.
2. When the HL segment for a Level 4 indicates that there are no children, multiple IT1 loops may appear at this level; otherwise, there will only be one IT1 loop per HL loop.
3. As in the HL 4, when the HL segment for Level 8 indicates there are no children, multiple SLN loops may appear within one HL loop; otherwise, there will only be one SLN per HL 8 loop.

For iRAPT

Information provided in the HL1 segments (other than subordinate HL4 loops) will not be displayed in iRAPT.

Information provided in the HL2 segments (other than subordinate HL4 loops) will not be displayed in iRAPT.

Information provided in the HL3 segments (other than subordinate HL4 loops) will not be displayed in iRAPT.

Data submitted in the IT1 and PID segments in the HL4 loop will be displayed in iRAPT as line items.

Data submitted in HL5, HL6, HL7, HL8, and HL9 will be saved as an attachment to iRAPT.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
HL01	628	Hierarchical ID Number	M AN 1/12	M

A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

DoD/Federal IC Notes:

Use any code.

For iRAPT:

Indicates if there are subordinate Segments to the structure. See list below.

- | | |
|---|--|
| 0 | No Subordinate HL Segment in This Hierarchical Structure. |
| 1 | Additional Subordinate HL Data Segment in This Hierarchical Structure. |

Segment: **LX** Assigned Number
Position: 020
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the LX loop is optional when HL03 is "1", "2", "3", "5", "6", "7" or "9". This loop is not used in levels "4" and "8".

For iRAPT

The LX loop provides trading partners with the ability to segregate billing detail to meet customer information needs. For example, the LX loop can be used to categorize billing data by circuit, telephone number, service/product line, and service order/purchase order.

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
LX01	554	Assigned Number	M N0 1/6	M
		Number assigned for differentiation within a transaction set		

Segment: **SI Service Characteristic Identification**

Position: 030

Loop: LX Optional

Level: Detail

Usage: Optional

Max Use: 8

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 = 1, 2, 3, 5, 6, 7 or 9.
2. See OBF Section 10.4 for valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **PID** Product/Item Description

Position: 040

Loop: LX Optional

Level: Detail

Usage: Optional

Max Use: 200

Purpose: To describe a product or process in coded or free-form format

Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the PID segment is optional when HL03 is 1, 2, 3, 5, 6, 7, or 9.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
PID01	349	Item Description Type	M ID 1/1	M
		Code indicating the format of a description		
		F Free-form		
		S Structured (From Industry Code List)		
		X Semi-structured (Code and Text)		
PID02	750	Product/Process Characteristic Code	O ID 2/3	Not Used
PID03	559	Agency Qualifier Code	X ID 2/2	O
		Code identifying the agency assigning the code values		
		AS Assigned by Seller		
PID04	751	Product Description Code	X AN 1/12	O
		A code from an industry code list which provides specific data about a product characteristic		
PID05	352	Description	X AN 1/80	O
		A free-form description to clarify the related data elements and their content		

Segment: **REF** Reference Identification

Position: 050

Loop: LX 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: **DoD/Federal IC Notes**

This segment is not used at HL1 (Service Provider Level). Use of the REF segment is optional when HL03 is 2, 3, 5, 6, 7, or 9.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
		01 American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)		
		03 Clearing House Interbank Payment System (CHIPS) Participant Number (3 or 4 Digits)		
		05 Clearing House Interbank Payment System (CHIPS) User Identification (6 digits)		
		10 Account Managers Code Identifies the telecommunications manager assigned to this account		
		11 Account Number Number identifies a telecommunications industry account		
		12 Billing Account Account number under which billing is rendered		
		13 Horizontal Coordinate Positional address, horizontal component. The assigned address is based upon a grid mapping scheme		
		14 Master Account Number Account number used to represent individual billing accounts which have been consolidated and/or summarized		
		15 Vertical Coordinate Positional Address, Vertical component. The assigned address is based upon a grid mapping scheme		
		1J Facility ID Number		
		3J Office Number		
		4L Location-specific Services Reference Number		
		6R Provider Control Number Number assigned by information provider company for tracking and billing purposes		
		7I Subscriber Authorization Number		
		8M Originating Company Identifier		
		8N Receiving Company Identifier		
		AAO Carrier Assigned Code		
		BC Buyer's Contract Number		
		BF Billing Center Identification		

BLT	Billing Type
CA	Cost Allocation Reference
CO	Customer Order Number
CR	Customer Reference Number
CT	Contract Number
DO	Delivery Order Number
DP	Department Number
E9	Attachment Code
	Supplementary reference information
EF	Electronic Funds Transfer ID Number
EM	Electronic Payment Reference Number
EU	End User's Purchase Order Number
F8	Original Reference Number
GC	Government Contract Number
GT	Goods and Service Tax Registration Number
HB	Bill & Hold Invoice Number
IT	Internal Customer Number
IV	Seller's Invoice Number
LB	Lockbox
LI	Line Item Identifier (Seller's)
LJ	Local Jurisdiction
LU	Location Number
NP	Partial Payment Number
OI	Original Invoice Number
OP	Original Purchase Order
OR	Order/Paragraph Number
OW	Service Order Number
	Number assigned when a customer orders service and equipment and which appears on bill
P4	Project Code
PO	Purchase Order Number
PX	Previous Invoice Number
RO	Repetitive Booking Number
RT	Payee's Financial Institution Transit Routing Number for Check, Draft or Wire Payments. Receiving Depository Financial Institution Transit Routing Number for ACH Transfers
SE	Serial Number
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim
SX	Service Interrupt Tracking Number
TF	Transfer Number
TJ	Federal Taxpayer's Identification Number
V0	Version
VC	Vendor Contract Number
VN	Vendor Order Number
VR	Vendor ID Number
YN	Receiver ID Qualifier
ZH	Carrier Assigned Reference Number

REF02	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
REF03	352	Description	X	AN 1/80	O

		A free-form description to clarify the related data elements and their content			
REF04	C040	Reference Identifier	O	O	
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
C04001	128	Reference Identification Qualifier	M	ID 2/3	M
		Code qualifying the Reference Identification			
C04002	127	Reference Identification	M	AN 1/30	M
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04003	128	Reference Identification Qualifier	X	ID 2/3	O
		Code qualifying the Reference Identification			
C04004	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment: **AMT** Monetary Amount
Position: 060
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the AMT segment is optional when HL03 is "1", "2", "3", "5", "6", "7" or "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
AMT01	522	Amount Qualifier Code	M ID 1/3	M
		Code to qualify amount		
		DoD/Federal IC Notes:		
		"6", "KO", "PB", and "SC" are the only valid codes at HL1 (Service Provider Level).		
		1 Line Item Total		
		5 Total Invoice Amount		
		6 Amount Subject to Total Monetary Discount		
		8 Total Monetary Discount Amount		
		1E Fixed Price		
		AD Adjusted Total		
		AP Amount Prior to Fractionalization		
		Full charge amount for the service per service period, prior to pro-rated fractionalization due to partial period billing		
		AQ Average Price Per Call		
		The total amount of money associated with a category of calls divided by the total number of calls within the category calculated to provide call summary details		
		AS Average Price Per Minute		
		The total amount of money associated with a category of calls divided by the total number of minutes within the category calculated to provide call summary details		
		AX Previous Price		
		BT Bank Reject Total		
		CH Change Amount		
		CS Commission Sales		
		Those sales used to calculate commission payments		
		CT Contract		
		Indicates the value stated in the contract		
		KO Committed Amount		
		LI Line Item Unit Price		
		LM Limit		
		N Net		
		Indicates the value remaining after all deductions and adjustments have been made		
		NA Net Adjustment		

Segment: **DTM** Date/Time Reference

Position: 070

Loop: LX Optional

Level: Detail

Usage: Optional

Max Use: 8

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: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the DTM segment is optional when HL03 is 1, 2, 3, 5, 6, 7 or 9.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		001 Cancel After		
		003 Invoice		
		007 Effective		
		009 Process		
		035 Delivered		
		092 Contract Effective		
		093 Contract Expiration		
		102 Issue		
		150 Service Period Start		
		151 Service Period End		
		152 Effective Date of Change		
		Date on which the change went into effect		
		153 Service Interruption		
		154 Adjustment Period Start		
		155 Adjustment Period End		
		193 Period Start		
		194 Period End		
		197 End		
		198 Completion		
		Date when the activity was completed		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		

			Date on which the cycle begins		
	359		Cycle End		
			Date on which the cycle ends		
	507		Extract		
			Date on which the file was extracted from the database		
	949		Payment Effective		
DTM02	373	Date		X	DT 8/8
		Date expressed as CCYYMMDD			O

Segment: **TXI Tax Information**
Position: 080
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify tax information
Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "1", "2", "3", "5", "6", "7" or "9".

For iRAPT

When contained in HL Loops 1-7 and TXI07 = "A", data from the TXI segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS does not utilize the TXI Segment.

One Pay allows three tax Segments per Invoice and is optional.

CAPS-C/W allows a total of 10 taxes per Invoice and is optional.

IAPS-E and Navy ERP allow taxes; each value may be entered only once and is optional.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TXI01	963	Tax Type Code	M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		

	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation
CA	City Tax Service Tax imposed by City
CB	Threshold Tax
CG	Federal Value-added Tax (GST) on Goods
CI	City Rental Tax Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party
CP	County/Parish Sales Tax
CR	County Rental Tax Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax Canadian value-added tax
HS	Public Health and Education Tax Canadian tax levied to fund public care and education
HT	Handicap Tax Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax) Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal) Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state) Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks

MA	Material Tax
MN	Minimum Tax
MP	Municipal Tax Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services
SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city

		ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a county			
		ZC	911-Excise Tax Usage tax imposed to recover the cost of 911 service			
		ZD	911-State Tax Tax levied to recover the cost of providing 911 emergency service within a State			
		ZE	911-Tax Tax to recover the cost of 911 service			
		ZZ	Mutually Defined			
TXI02	782	Monetary Amount		X	R 1/18	O
		Monetary amount				
		For iRAPT:				
		TXI02 is Mandatory when TXI07 = "A".				
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.				
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.				
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:				
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.				
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),				
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.				
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.				
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.				
TXI03	954	Percent		X	R 1/10	O
		Percentage expressed as a decimal				
		DoD/Federal IC Notes:				
		Tax rate for this tax jurisdiction.				
TXI04	955	Tax Jurisdiction Code Qualifier		X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code				
		CD Customer defined				
		VD Vendor defined				
		VE Vertex				
TXI05	956	Tax Jurisdiction Code		X	AN 1/10	O
		Code identifying the taxing jurisdiction				
TXI06	441	Tax Exempt Code		X	ID 1/1	O
		Code identifying exemption status from sales and use tax				
		1 Yes (Tax Exempt)				
		2 No (Not Tax Exempt)				
		5 Exempt (Not For Resale)				
		8 Exempt (Sale to U.S. Government)				
		9 Exempt (Per State Law)				
		C Not Taxable				

TXI07	662	Relationship Code	O	ID 1/1	O
		Code indicating the relationship between entities			
		A Add			
		D Delete			
		O Information Only			
		Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)			
TXI08	828	Dollar Basis For Percent	O	R 1/9	O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax			
TXI09	325	Tax Identification Number	O	AN 1/20	O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number			
TXI10	350	Assigned Identification	O	AN 1/20	O
		Alphanumeric characters assigned for differentiation within a transaction set			

Segment: QTY Quantity
Position: 090
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
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:
Notes:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the QTY loop is optional when HL03 is "1", "2", "3", "5", "6", "7" or "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
QTY01	673	Quantity Qualifier	M ID 2/2	M
		Code specifying the type of quantity		
		01 Discrete Quantity		
		02 Cumulative Quantity		
		27 Committed Quantity		
		38 Original Quantity		
		47 Primary Net Quantity		
		7K Time Frame		
		87 Quantity Received		
		8H Minimum		
		90 Acknowledged Quantity		
		Network Recognition for message receipt		
		91 Additional Usage Quantity		
		The amount of usage incurred above the allotted or allowable use for a service		
		92 Allotted Usage Quantity		
		The amount of allowable usage related to a service		
		93 Attendant-Handled Quantity		
		Manual Recognition for message receipt		
		94 Billable Quantity		
		Number of billable units used		
		95 Data Storage Quantity		
		Number of storage units used		
		96 Non-Billable Quantity		
		Number of non-billable units		
		97 Non-Urgent Delivery Quantity		
		Number of units delivered in non-urgent status		
		98 Overflow Quantity		
		Number of overflow messages, (Busy condition count for 800 service)		
		99 Quantity Used		
		Quantity of units used		
		AA Unacknowledged Quantity		

			Message received without network, or attendant recognition			
		AB	Urgent Delivery Quantity			
			Number of units delivered in urgent status			
		AC	Voice Storage Quantity			
			Number of voice storage units used			
		AD	Maintenance Units			
			Number of units of maintenance provided			
		AE	Minimum Average Time Requirement (MATR) Units			
			Number of units calculated at a minimum usage rating basis, such as X minutes per message			
		AF	Wide Area Telephone Service (WATS)/800 Service Units			
			Number of units of usage, for WATS or 800 service			
		AG	Number of End Users			
			Number of participating users			
		AH	Number of Message Recipients			
			Number of recipients			
		AI	Number of Operator Credits			
			Number of operator credits given			
		AJ	Daily Adjustments			
		D1	Billed			
		M2	Maximum			
		NS	Number of Stations			
			Number of stations, or terminating points, which are in use, deleted, added, etc. for service delivery; ports or lines on a computer, for example			
		QD	Quantity Delivered			
		TO	Total			
QTY02	380	Quantity		X	R 1/15	M
			Numeric value of quantity			
QTY03	C001	Composite Unit of Measure		O		O
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
C00101	355	Unit or Basis for Measurement Code		M	ID 2/2	M
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		03	Seconds			
		12	Packet			
		1X	Quarter Mile			
		4L	Megabyte			
			Unit of computer storage capacity			
		AD	Bytes			
			A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit			
		AH	Additional Minutes			
			The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service			
		AI	Average Minutes Per Call			
			The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details			
		AL	Access Lines			
			Number of lines subject to Carrier Access Line Charges			
		AN	Minutes or Messages			
			Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for			

	the calculation of charges
C0	Calls
	Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records
	Number of Data Records handled
DY	Directory Books
	Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes
	Number of Electronic Mail Boxes established for an account
EV	Envelope
F3	Equivalent
	Weight of a substance which combines with or replaces one gram atomic weight of hydrogen
G7	Microfiche Sheet
	A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic
	Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters
	Kilocharacters of data transmitted
KF	Kilopackets
	Kilopackets of data transmitted
KJ	Kilosegments
	Kilosegments of data transmitted
M0	Magnetic Tapes
	Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages
	Number of Messages transmitted, or delivered
NH	Message Hours
	Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens
	Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic
	Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile
	Number of FAX pages transmitted
QB	Pages - Hardcopy
	Number of printed pages delivered
QH	Quarter Hours

	Number of 15 minute increments of usage handled
RS	Resets
	Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions
	Number of interactive sessions handled
S7	Storage Units
	Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service
	Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average
	Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports
	Number of network access ports
UD	Tenth Minutes
	Number of 6 second increments of usage
UE	Tenth Hours
	Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

Segment: **SI Service Characteristic Identification**

Position: 100

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '1', '2', '3', '5', '6', '7' or '9'.
2. See OBF Section 10.4 for valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **NM1** Individual or Organizational Name
Position: 110
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
 2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.
Notes:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the NM1 loop is optional when HL03 is "2", "3", "5", "6", or "7", and is required when HL03 is "1".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
NM101	98	Entity Identifier Code	M ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual		
		DoD/Federal IC Notes:		
		1. 'SJ' and '9D' are the only valid codes at HL1 (Service Provider Level).		
		2. 'OB' and 'P9' are invalid at HL2 (Billing Arrangement Level) and HL3 (Sub-Billing Arrangement Level).		
		3. 'C3', 'CT', 'GP', 'IA', 'OB' and 'P9' are the only valid codes at HL5 (Category Level), HL6 (Subcategory Level) and HL7 (Type Level).		
		9D New Service Provider		
		AG Agent/Agency		
		AK Party to Whom Acknowledgment Should Be Sent		
		AO Account Of		
		BS Bill and Ship To		
		C3 Circuit Location Identifier		
		Identifies the address information as that which is assigned to a circuit location address		
		CA Carrier		
		CT Country of Origin		
		EN End User		
		GP Gateway Provider		
		Identifies a gateway access provider		
		IA Installed At		
		N2 Notify Party no. 2		
		OB Ordered By		
		P9 Primary Interexchange Carrier (PIC)		
		Identifies the carrier who will handle the interexchange calls		
		PE Payee		
		PM Party to receive paper Memo of Invoice		
		PR Payer		
		RI Remit To		
		RL Reporting Location		
		SE Selling Party		

		SJ	Service Provider			
			Identifies name and address information as pertaining to a service provider for which billing is being rendered			
NM102	1065	Entity Type Qualifier		M	ID 1/1	M
		Code qualifying the type of entity				
		1	Person			
		2	Non-Person Entity			
		3	Unknown			
NM103	1035	Name Last or Organization Name		O	AN 1/35	O
		Individual last name or organizational name				
NM104	1036	Name First		O	AN 1/25	O
		Individual first name				
NM105	1037	Name Middle		O	AN 1/25	O
		Individual middle name or initial				
NM106	1038	Name Prefix		O	AN 1/10	O
		Prefix to individual name				
NM107	1039	Name Suffix		O	AN 1/10	O
		Suffix to individual name				
NM108	66	Identification Code Qualifier		X	ID 1/2	O
		Code designating the system/method of code structure used for Identification Code (67)				
		DoD/Federal IC Notes:				
		Code values '41', '42' and '91' are the only valid values at HL1 (Service Provider Level).				
		1	D-U-N-S Number, Dun & Bradstreet			
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
		10	Department of Defense Activity Address Code (DODAAC)			
		33	Commercial and Government Entity (CAGE)			
		40	Electronic Mail User Code			
			Identifies the Electronic Mail User locally defined and maintained between trading partners			
		41	Telecommunications Carrier Identification Code			
			Identifies the Interexchange carrier for the charges being billed			
		42	Telecommunications Pseudo Carrier Identification Code			
			A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers			
		91	Assigned by Seller or Seller's Agent			
		92	Assigned by Buyer or Buyer's Agent			
		ZY	Temporary Identification Number			
			A temporary ID to be used until a permanent ID is processed			
NM109	67	Identification Code		X	AN 2/80	O
		Code identifying a party or other code				
		DoD/Federal IC Notes:				
		If NM108 = '42' - use CIC code list maintained by Lockheed Martin. If NM108 = '41' - use Pseudo-CIC list provided in OBF Section 10.4.				

Segment: **N2 Additional Name Information**
Position: 120
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: **DoD/Federal IC Notes**
 When submitting the 811 to any federal agency, use of the N2 segment is optional when HL03 is "1", "2", "3", "5", "6", or "7".

For iRAPT
 Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N201	93	Name Free-form name	M AN 1/60	M
N202	93	Name Free-form name	O AN 1/60	O

Segment: **N3** Address Information
Position: 130
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: **DoD/Federal IC Notes**
 When submitting the 811 to any federal agency, use of the N3 segment is optional when HL03 is "1", "2", "3", "5", "6", or "7".
For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55	M
N302	166	Address Information Address information	O AN 1/55	O

Segment: **N4 Geographic Location**
Position: 140
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: **DoD/Federal IC Notes**
When submitting the 811 to any federal agency, use of the N4 segment is optional when HL03 is "1", "2", "3", "5", "6", or "7".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30	O
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	O
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15	O
N404	26	Country Code Code identifying the country	O ID 2/3	O
N405	309	Location Qualifier Code identifying type of location AC City and State AR Armed Services Location Designation CC Country CI City SP State/Province	X ID 1/2	O
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30	O

Segment: **REF** Reference Identification

Position: 150

Loop: NM1 Optional

Level: Detail

Usage: Optional

Max Use: 2

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: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the REF segment is optional when HL03 is '1', '2', '3', '5', '6' or '7'.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
		DoD/Federal IC Notes: "10", "CR", "EF", "GT", "IV", "LB", "RT", "TF" and "VC" are the only valid codes at HL1 (Service Provider Level).		
		01 American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)		
		03 Clearing House Interbank Payment System (CHIPS) Participant Number (3 or 4 Digits)		
		05 Clearing House Interbank Payment System (CHIPS) User Identification (6 digits)		
		10 Account Managers Code Identifies the telecommunications manager assigned to this account		
		11 Account Number Number identifies a telecommunications industry account		
		12 Billing Account Account number under which billing is rendered		
		13 Horizontal Coordinate Positional address, horizontal component. The assigned address is based upon a grid mapping scheme		
		14 Master Account Number Account number used to represent individual billing accounts which have been consolidated and/or summarized		
		15 Vertical Coordinate Positional Address, Vertical component. The assigned address is based upon a grid mapping scheme		
		1J Facility ID Number		
		3J Office Number		
		4L Location-specific Services Reference Number		
		6R Provider Control Number Number assigned by information provider company for tracking and billing purposes		
		7I Subscriber Authorization Number		
		8M Originating Company Identifier		
		8N Receiving Company Identifier		

AAO	Carrier Assigned Code
BC	Buyer's Contract Number
BF	Billing Center Identification
BLT	Billing Type
CA	Cost Allocation Reference
CO	Customer Order Number
CR	Customer Reference Number
CT	Contract Number
DP	Department Number
E9	Attachment Code
	Supplementary reference information
EF	Electronic Funds Transfer ID Number
EM	Electronic Payment Reference Number
EU	End User's Purchase Order Number
F8	Original Reference Number
GC	Government Contract Number
GT	Goods and Service Tax Registration Number
HB	Bill & Hold Invoice Number
IT	Internal Customer Number
IV	Seller's Invoice Number
LB	Lockbox
LI	Line Item Identifier (Seller's)
LJ	Local Jurisdiction
LU	Location Number
NP	Partial Payment Number
OI	Original Invoice Number
OP	Original Purchase Order
OR	Order/Paragraph Number
OW	Service Order Number
	Number assigned when a customer orders service and equipment and which appears on bill
P4	Project Code
PO	Purchase Order Number
PX	Previous Invoice Number
RO	Repetitive Booking Number
RT	Payee's Financial Institution Transit Routing Number for Check, Draft or Wire Payments. Receiving Depository Financial Institution Transit Routing Number for ACH Transfers
SE	Serial Number
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim
SX	Service Interrupt Tracking Number
TF	Transfer Number
TJ	Federal Taxpayer's Identification Number
V0	Version
VC	Vendor Contract Number
VN	Vendor Order Number
VR	Vendor ID Number
YN	Receiver ID Qualifier
ZH	Carrier Assigned Reference Number

REF03	352	Reference Identification Qualifier Description	X	AN 1/80	O
		A free-form description to clarify the related data elements and their content			
REF04	C040	Reference Identifier	O		O
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
C04001	128	Reference Identification Qualifier	M	ID 2/3	M
		Code qualifying the Reference Identification			
C04002	127	Reference Identification	M	AN 1/30	M
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04003	128	Reference Identification Qualifier	X	ID 2/3	O
		Code qualifying the Reference Identification			
C04004	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment: **PER** Administrative Communications Contact
Position: 160
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: >1
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:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the PER segment is optional when HL03 is '1', '2', '3', '5', '6' or '7'.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	M ID 2/2	M
		AD Accounting Department		
		AR Accounts Receivable Department		
		BD Buyer Name or Department		
		BI Bill Inquiry Contact		
		Service Provider contact for making inquires about information on the invoice		
		CC Computer Systems Contact		
		DA Directory Advertising Contact		
		Service Provider contact for questions about, and changes to, directory advertising		
		IC Information Contact		
		MA Maintenance Contact		
		Service Provider contact for requesting service maintenance, or reporting problems		
		OC Order Contact		
		OD Order Department		
		PM Product Manager		
		QA Quality Assurance Contact		
		SR Sales Representative or Department		
		TR Technical Marketing Representative		
PER02	93	Name Free-form name	O AN 1/60	O
PER03	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2	O
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		DoD/Federal IC Notes:		
		This code is to be used only within the federal government.		
		EM Electronic Mail		
		FX Facsimile		

		TE	Telephone			
		UR	Uniform Resource Locator (URL)			
PER04	364	Communication Number		X	AN 1/80	O
			Complete communications number including country or area code when applicable			
PER05	365	Communication Number Qualifier		X	ID 2/2	O
			Code identifying the type of communication number			
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
			DoD/Federal IC Notes:			
			This code is to be used only within the federal government.			
		EM	Electronic Mail			
		FX	Facsimile			
		TE	Telephone			
PER06	364	Communication Number		X	AN 1/80	O
			Complete communications number including country or area code when applicable			
PER07	365	Communication Number Qualifier		O	ID 2/2	O
			Code identifying the type of communication number			
		AA	International Telephone Access Code			
			Dialing Code required to call another country in addition to the number			
		AB	Joint Facsimile and Phone Number			
		AC	Message Only Voice Number			
			Telephone number which provides automated messages only			
		AD	Delivery Location Phone			
		AP	Alternate Telephone			
		AS	Answering Service			
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		BN	Beeper Number			
		BT	BTX Number			
			German communications number for on-line service provided through the Deutsche Bundespost			
		CA	Cable			
		CP	Cellular Phone			
		DN	Defense Data Network (DDN)			
			Department of Defense (DoD) data communications system			
		ED	Electronic Data Interchange Access Number			
		EM	Electronic Mail			
		EX	Telephone Extension			
		FT	Federal Telecommunications System (FTS)			
		FU	Facsimile User Identifier			
		FX	Facsimile			
		HF	Home Facsimile Number			
		HP	Home Phone Number			
		IT	International Telephone			
		MN	Modem Number			
		NP	Night Telephone			
		OF	Other Residential Facsimile Number			
		OT	Other Residential Telephone Number			
		PA	Appointment Phone			
		PC	Personal Cellular			

PP	Personal Phone
PS	Packet Switching
SP	Showing Phone
	Phone number to call for information about a property showing
TE	Telephone
TL	Telex
TM	Telemail
TN	Teletex Number
	Teletex is specific type of Telex service provided by Deutsche Bundespost
TX	TWX
UR	Uniform Resource Locator (URL)
VM	Voice Mail
WC	Work Cellular
WF	Work Facsimile Number
WP	Work Phone Number

PER08

364

Communication Number

O AN 1/80 O

Complete communications number including country or area code when applicable

Segment: **TXI** Tax Information

Position: 170

Loop: NM1 Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "1", "2", "3", "5", "6" or "7".

For iRAPT

When contained in HL Loops 1-7 and TXI07 = "A", data from the TXI segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS does not utilize the TXI Segment.

One Pay allows three tax Segments per Invoice and is optional.

CAPS-C/W allows a total of 10 taxes per Invoice and is optional.

IAPS-E and Navy ERP allow taxes; each value may be entered only once and is optional.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TXI01	963	Tax Type Code	M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		

	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation
CA	City Tax
	Service Tax imposed by City
CB	Threshold Tax
CG	Federal Value-added Tax (GST) on Goods
CI	City Rental Tax
	Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party
CP	County/Parish Sales Tax
CR	County Rental Tax
	Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax
	Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax
	Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax
	Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax
	Canadian value-added tax
HS	Public Health and Education Tax
	Canadian tax levied to fund public care and education
HT	Handicap Tax
	Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax)
	Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal)
	Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state)
	Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks

MA	Material Tax
MN	Minimum Tax
MP	Municipal Tax Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services
SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city

		ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a county			
		ZC	911-Excise Tax Usage tax imposed to recover the cost of 911 service			
		ZD	911-State Tax Tax levied to recover the cost of providing 911 emergency service within a State			
		ZE	911-Tax Tax to recover the cost of 911 service			
		ZZ	Mutually Defined			
TXI02	782	Monetary Amount		X	R 1/18	O
		Monetary amount				
		For iRAPT:				
		TXI02 is Mandatory when TXI07 = "A".				
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.				
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.				
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:				
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.				
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),				
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.				
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.				
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.				
TXI03	954	Percent		X	R 1/10	O
		Percentage expressed as a decimal				
		DoD/Federal IC Notes:				
		Tax rate for this jurisdiction.				
TXI04	955	Tax Jurisdiction Code Qualifier		X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code				
		CD	Customer defined			
		VD	Vendor defined			
		VE	Vertex			
TXI05	956	Tax Jurisdiction Code		X	AN 1/10	O
		Code identifying the taxing jurisdiction				
TXI06	441	Tax Exempt Code		X	ID 1/1	O
		Code identifying exemption status from sales and use tax				
		1	Yes (Tax Exempt)			
		2	No (Not Tax Exempt)			
		5	Exempt (Not For Resale)			
		8	Exempt (Sale to U.S. Government)			
		9	Exempt (Per State Law)			
		C	Not Taxable			

TXI07	662	Relationship Code	O	ID 1/1	O
		Code indicating the relationship between entities			
		A Add			
		D Delete			
		O Information Only			
		Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)			
TXI08	828	Dollar Basis For Percent	O	R 1/9	O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax			
TXI09	325	Tax Identification Number	O	AN 1/20	O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number			
TXI10	350	Assigned Identification	O	AN 1/20	O
		Alphanumeric characters assigned for differentiation within a transaction set			

Segment: **ITA** Allowance, Charge or Service
Position: 180
Loop: ITA Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify allowances, charges, or services
Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If either ITA10 or ITA11 is present, then the other is required.
- 4 If ITA15 is present, then ITA02 is required.
- 5 If ITA17 is present, then ITA12 is required.

Semantic Notes:

- 1 ITA09 is the allowance or charge percent.
- 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 3 ITA12 is the quantity of free goods.

Comments:

- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA13 is used to clarify the allowance, charge, or service.
- 5 ITA15 specifies the individual code list of the agency specified in ITA02.
- 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Notes: **DoD/Federal IC Notes**
When submitting the 811 to any federal agency, use of the ITA loop is optional when HL03 is "1", "2", "3", "5", "6", or "7".

For iRAPT

When contained in HL Loops 1-7 and ITA16 = "A", data from the ITA segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS: Optional and only allows for TTB or PST in ITA14.

One Pay: Optional and allows any valid miscellaneous fee, yet only allows for three fees and allowances per Invoice.

CAPS-C/W: Optional and allows TTB in ITA14 when ITA01 = "C" for miscellaneous charge. Any ITA14 allowance code may be entered for miscellaneous allowances (ITA01 = "A"), up to 11 maximum.

IAPS-E: Charge code PRB is not allowed in ITA14.

Navy ERP: Allows all codes in ITA14 except TTB.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1	M
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	X ID 2/2	O

ITA03	560	Special Services Code	X	ID 2/10	O
		Code identifying the special service			
		DoD/Federal IC Notes:			
		See OBF Section 10.4 for valid values.			
ITA04	331	Allowance or Charge Method of Handling Code	M	ID 2/2	M
		Code indicating method of handling for an allowance or charge			
		04 Credit Customer Account			
		06 Charge to be Paid by Customer			
		ZZ Mutually Defined			
ITA05	341	Allowance or Charge Number	O	AN 1/16	O
		The number assigned by a vendor referencing an allowance, promotion, deal or charge			
ITA06	359	Allowance or Charge Rate	O	R 1/15	Not Used
ITA07	360	Allowance or Charge Total Amount	O	N2 1/15	O
		Total dollar amount for the allowance or charge			
		For iRAPT:			
		ITA07 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".			
		When entering an Allowance (ITA01= A), enter a negative value in ITA07 in order for the amount to be deducted from the document total.			
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.			
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.			
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:			
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.			
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),			
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.			
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.			
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.			
ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1	O
		Code indicating on what basis allowance or charge percent is calculated			
		9 Late Payment Charge Base Amount			
		Amount outstanding after the past due date, and subject to a late payment charge			
ITA09	332	Percent	X	R 1/6	O
		Percent expressed as a percent			
ITA10	380	Quantity	X	R 1/15	O
		Numeric value of quantity			
ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2	O
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		03 Seconds			
		12 Packet			
		1X Quarter Mile			

AD	Bytes A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
AH	Additional Minutes The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service
AI	Average Minutes Per Call The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details
AL	Access Lines Number of lines subject to Carrier Access Line Charges
AN	Minutes or Messages Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges
C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried

NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

ITA12	380	Quantity	X	R 1/15	Not Used
ITA13	352	Description	X	AN 1/80	O
ITA14	150	Special Charge or Allowance Code	X	ID 3/3	O

Code identifying type of special charge or allowance

DoD/Federal IC Notes:

See OBF Section 10.4 for valid values.

For iRAPT:

ITA14 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".

WAWF will only accept additive allowance and charges on the EDI 811 where the type code in the ITA14 can be mapped to a type code in the SAC02 in the 810 extract (see below). All other codes, if additive, will be rejected with an error message.

Charges (ITA01 = "C"):
CAS Container Deposits
CMI Continuous Mileage
INS Insurance
QAB Overrun Charge
PST Postage

QAA Quantity Surcharge
TTB Transportation-Direct Billing

Allowances (ITA01 = "A"):
CBW Container Allowance
DAM Damaged Merchandise
DSC Discount
PAI Promotional Discount
QQA Quantity Discount
TD Trade Discount
TAJ Trade In

Charge or Allowance (ITA01 = "A" or "C"):
999 Other
PAF Price Deviation
PRB Prior Balance

Refer to 004010 Data Element Dictionary for acceptable code values.

ITA15	822	Source Subqualifier	O AN 1/15	Not Used
ITA16	662	Relationship Code	O ID 1/1	O

Code indicating the relationship between entities

DoD/Federal IC Notes:

Code "I" is only valid in HLs 4 - 9.

A	Add
D	Delete
I	Included
O	Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Segment: **DTM** Date/Time Reference

Position: 190

Loop: ITA Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the DTM segment is optional when HL03 is "1", "2", "3", "5", "6", or "7".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		001 Cancel After		
		003 Invoice		
		007 Effective		
		009 Process		
		035 Delivered		
		092 Contract Effective		
		093 Contract Expiration		
		102 Issue		
		150 Service Period Start		
		151 Service Period End		
		152 Effective Date of Change		
		Date on which the change went into effect		
		153 Service Interruption		
		154 Adjustment Period Start		
		155 Adjustment Period End		
DTM02	373	Date	X DT 8/8	O
		Date expressed as CCYYMMDD		

Segment: **TXI Tax Information**

Position: 200

Loop: ITA Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of this segment is optional when HL03 is "1", "2", "3", "5", "6", or "7".

For iRAPT

When contained in HL Loops 1-7 and TXI07 = "A", data from the TXI segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS does not utilize the TXI Segment.

One Pay allows three tax Segments per Invoice and is optional.

CAPS-C/W allows a total of 10 taxes per Invoice and is optional.

IAPS-E and Navy ERP allow taxes; each value may be entered only once and is optional.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TXI01	963	Tax Type Code	M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		

	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation
CA	City Tax Service Tax imposed by City
CB	Threshold Tax
CG	Federal Value-added Tax (GST) on Goods
CI	City Rental Tax Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party
CP	County/Parish Sales Tax
CR	County Rental Tax Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax Canadian value-added tax
HS	Public Health and Education Tax Canadian tax levied to fund public care and education
HT	Handicap Tax Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax) Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal) Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state) Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks

MA	Material Tax
MN	Minimum Tax
MP	Municipal Tax Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services
SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city

		ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a county			
		ZC	911-Excise Tax Usage tax imposed to recover the cost of 911 service			
		ZD	911-State Tax Tax levied to recover the cost of providing 911 emergency service within a State			
		ZE	911-Tax Tax to recover the cost of 911 service			
		ZZ	Mutually Defined			
TXI02	782	Monetary Amount		X	R 1/18	O
		Monetary amount				
		For iRAPT:				
		TXI02 is Mandatory when TXI07 = "A".				
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.				
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.				
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:				
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.				
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),				
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.				
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.				
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.				
TXI03	954	Percent		X	R 1/10	O
		Percentage expressed as a decimal				
		DoD/Federal IC Notes:				
		Tax rate for this jurisdiction.				
TXI04	955	Tax Jurisdiction Code Qualifier		X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code				
		CD	Customer defined			
		VD	Vendor defined			
		VE	Vertex			
TXI05	956	Tax Jurisdiction Code		X	AN 1/10	O
		Code identifying the taxing jurisdiction				
TXI06	441	Tax Exempt Code		X	ID 1/1	O
		Code identifying exemption status from sales and use tax				
		1	Yes (Tax Exempt)			
		2	No (Not Tax Exempt)			
		5	Exempt (Not For Resale)			
		8	Exempt (Sale to U.S. Government)			
		9	Exempt (Per State Law)			
		C	Not Taxable			

TXI07	662	Relationship Code	O	ID 1/1	O
		Code indicating the relationship between entities			
		A Add			
		D Delete			
		O Information Only			
		Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)			
TXI08	828	Dollar Basis For Percent	O	R 1/9	O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax			
TXI09	325	Tax Identification Number	O	AN 1/20	O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number			
TXI10	350	Assigned Identification	O	AN 1/20	O
		Alphanumeric characters assigned for differentiation within a transaction set			

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 210
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: **DoD/Federal IC Notes**
 1. The group level is defined by at least one occurrence of the IT1 loop which may only appear at the group level.

2. When submitting the 811 to any federal agency, use of the IT1 segment is required when HL03 is "4".

For iRAPT

iRAPT only permits 999 line items per invoice.

The 999-loop maximum must be reduced by the number of the following:

- IT1 segments in HL4
- ITA segments in HL 1-7 with ITA16 = A
- TXI segments in HL 1-7 with TXI07 = A
- SLN segments in HL8 with SLN08 = A

The IT1 Loop will only appear in the HL 4 loop.

iRAPT Edits

MOCAS:

CLIN/SLIN/ELIN is Mandatory per Line Item and must be 4 numeric, 4 numeric and 2 alpha, 1 alpha and 3 alphanumeric, 'NONE', or 'NONE' and 2 numeric .

One Pay:

CLIN/SLIN is Mandatory per Line Item and must be 4 numeric or 4 numeric and 2 alphanumeric characters.

CAPS-C/W:

CLIN/SLIN/ELIN is Mandatory per Line Item and must be 4 alpha numeric or 6 alphanumeric.

IAPS-E:

CLIN/SLIN must be 4 alphanumeric or 6 alphanumeric.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
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IT101	350	Assigned Identification O AN 1/20 O Alphanumeric characters assigned for differentiation within a transaction set For iRAPT: Line Item Number If characters are sent in lowercase, then they will be converted to uppercase. The letters "I" and "O" may not be used within the Line Item Number. iRAPT Edits: IAPS-E, CAPS-C/W: 4 AN or 6 AN MOCAS: 4N, 4N2A, 1A3AN, "NONE" or "NONE"NN One Pay: 4 N or 4 N PLUS 2 AN (only CLIN/SLIN allowed) Navy ERP: CLIN (4N), SLIN (4N + 2AN) or ELIN (1A + 3AN)
IT102	358	Quantity Invoiced X R 1/10 M Number of units invoiced (supplier units) For iRAPT: Quantity Invoiced is Optional when QTY04 = "M4" (Unit of Measure). If not included, it will be defaulted to "1". iRAPT Edits: MOCAS: No decimals allowed. If DSS or DMLSS Ship To, Quantity must be a whole number with maximum field size of 10.
IT103	355	Unit or Basis for Measurement Code X ID 2/2 M Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken DoD/Federal IC Notes: When IT103 = 'M4': Rules of extended pricing do not apply. Proposed OBF change: At least one M4 code must be used if there are charges at the subordinate levels (5-9). When M4 is used, IT104 equals the roll up from lower levels (see OBF summing rules in OBF Section 7.3). EA Each M4 Monetary Value MO Months
IT104	212	Unit Price X R 1/17 M Price per unit of product, service, commodity, etc. iRAPT Edits: MOCAS, One Pay: Min/Max 1/15
IT105	639	Basis of Unit Price Code O ID 2/2 O Code identifying the type of unit price for an item For iRAPT: Not Used in iRAPT. Information submitted will not be displayed in iRAPT. BD Before Discount Full amount for the service prior to application of any appropriate discounts CP Current Price (Subject to Change) CT Contract PE Price per Each PM Monthly Price Per Unit

		TE	Contract Price per Each			
IT106	235	Product/Service ID Qualifier		X	ID 2/2	O
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

For iRAPT:

Codes must be capitalized.

Data contained in IT106 and IT107 will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

		SV	Service Rendered			
IT107	234	Product/Service ID		X	AN 1/48	O
		Identifying number for a product or service				

DoD/Federal IC Notes:

See OBF Section 10.4 for valid values.

IT108	235	Product/Service ID Qualifier		O	ID 2/2	O
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

DoD/Federal IC Notes:

'ZZ' is temporarily being used for Telecom Service Type (WJ) which is effective with ASC X12 version 004020.

For iRAPT:

Not Used in iRAPT. Information submitted will not be displayed in iRAPT.

		ZZ	Mutually Defined			
IT109	234	Product/Service ID		O	AN 1/48	O
		Identifying number for a product or service				

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid codes.

Segment: **SI Service Characteristic Identification**
Position: 220
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify service characteristic data
Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '4'.

2. See OBF Section 10.4 for a list of valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **PID** Product/Item Description

Position: 230

Loop: IT1 Optional

Level: Detail

Usage: Must Use

Max Use: 200

Purpose: To describe a product or process in coded or free-form format

Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the PID segment is optional when HL03 is "4".

For iRAPT

Line Item Description

There must be at least one instance of PID per IT1 loop.
 WAWF permits up to 2000 characters in the Line Item Description.
 Repeat as necessary without exceeding the 2000 character limit.

WAWF does not perform validation based on the code entered in PID01; PID04 is always Optional and PID05 is always Mandatory.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
PID01	349	Item Description Type	M ID 1/1	M
		Code indicating the format of a description		
		F Free-form		
		S Structured (From Industry Code List)		
		X Semi-structured (Code and Text)		
PID02	750	Product/Process Characteristic Code	O ID 2/3	Not Used
PID03	559	Agency Qualifier Code	X ID 2/2	O
		Code identifying the agency assigning the code values		
		For iRAPT:		
		AS Assigned by Seller		
PID04	751	Product Description Code	X AN 1/12	O
		A code from an industry code list which provides specific data about a product characteristic		
		For iRAPT:		
		Not Used in iRAPT. Information submitted will not be displayed in iRAPT.		
PID05	352	Description	X AN 1/80	M

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

Segment: **INC** **Installment Information**
Position: 240
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify installment billing arrangement
Syntax Notes:
Semantic Notes:

- 1 INC02 is the installment period (e.g., months).
- 2 INC03 is the total number of installments.
- 3 INC04 is the number of the current installment.
- 4 INC05 is the installment balance after the current installment is applied.

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the INC segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
INC01	336	Terms Type Code Code identifying type of payment terms 04 Deferred or Installment	M ID 2/2	M
INC02	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M	M
C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken MO Months	M ID 2/2	M
INC03	380	Quantity Numeric value of quantity DoD/Federal IC Notes: Indicates the total number of installments.	M R 1/15	M
INC04	380	Quantity Numeric value of quantity DoD/Federal IC Notes: Indicates the number of current installments.	M R 1/15	M
INC05	782	Monetary Amount Monetary amount DoD/Federal IC Notes: Balance remaining after this installment is billed.	O R 1/18	O

Segment: **TXI Tax Information**
Position: 250
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify tax information
Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "4".

For iRAPT

When contained in HL Loops 1-7 and TXI07 = "A", data from the TXI segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS does not utilize the TXI Segment.

One Pay allows three tax Segments per Invoice and is optional.

CAPS-C/W allows a total of 10 taxes per Invoice and is optional.

IAPS-E and Navy ERP allow taxes; each value may be entered only once and is optional.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Tax Type Code</u>	<u>Attributes</u>	<u>Attributes</u>
TXI01	963		M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		

	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation
CA	City Tax Service Tax imposed by City
CB	Threshold Tax
CG	Federal Value-added Tax (GST) on Goods
CI	City Rental Tax Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party
CP	County/Parish Sales Tax
CR	County Rental Tax Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax Canadian value-added tax
HS	Public Health and Education Tax Canadian tax levied to fund public care and education
HT	Handicap Tax Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax) Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal) Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state) Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks

MA	Material Tax
MN	Minimum Tax
MP	Municipal Tax Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services
SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city

		ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a county			
		ZC	911-Excise Tax Usage tax imposed to recover the cost of 911 service			
		ZD	911-State Tax Tax levied to recover the cost of providing 911 emergency service within a State			
		ZE	911-Tax Tax to recover the cost of 911 service			
		ZZ	Mutually Defined			
TXI02	782	Monetary Amount		X	R 1/18	O
		Monetary amount				
		DoD/Federal IC Notes:				
		Proposed OBF change to summing rules: This amount will be the roll up of subordinate TXI segment billed amounts.				
		For iRAPT:				
		TXI02 is Mandatory when TXI07 = "A".				
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.				
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.				
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:				
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.				
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),				
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.				
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.				
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.				
TXI03	954	Percent		X	R 1/10	O
		Percentage expressed as a decimal				
		DoD/Federal IC Notes:				
		Tax rate for this jurisdiction.				
TXI04	955	Tax Jurisdiction Code Qualifier		X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code				
		CD Customer defined				
		VD Vendor defined				
		VE Vertex				
TXI05	956	Tax Jurisdiction Code		X	AN 1/10	O
		Code identifying the taxing jurisdiction				
TXI06	441	Tax Exempt Code		X	ID 1/1	O
		Code identifying exemption status from sales and use tax				
		1 Yes (Tax Exempt)				
		2 No (Not Tax Exempt)				
		5 Exempt (Not For Resale)				

		8	Exempt (Sale to U.S. Government)			
		9	Exempt (Per State Law)			
		C	Not Taxable			
TXI07	662	Relationship Code		O	ID 1/1	O
		Code indicating the relationship between entities				
		A	Add			
		D	Delete			
		O	Information Only			
			Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)			
TXI08	828	Dollar Basis For Percent		O	R 1/9	O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax				
TXI09	325	Tax Identification Number		O	AN 1/20	O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number				
TXI10	350	Assigned Identification		O	AN 1/20	O
		Alphanumeric characters assigned for differentiation within a transaction set				

Segment: **REF** Reference Identification
Position: 260
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 8
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: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the REF segment is optional when HL03 is "4".

For iRAPT

Use this segment to submit SDN, AAA, and ACRN at the line level. SDN, AAA, and ACRN are optional in iRAPT.

AAA is only used at the line level for Contractual Invoices. Report AAA for non-Contractual Invoices in the REF Segment at Pos. 050 in the Header.

iRAPT Edits

MOCAS, One Pay, CAPS C/W, Navy ERP:
ACRN is optional and if used must be two alphanumeric characters.

Except for One Pay documents, if single ACRN is submitted, the ACRN dollar amount is optional in REF03. However, if submitted, the amount must match the extended Line Item total. One Pay ACRN entries must have ACRN amounts in REF03.

If multiple ACRNs (>1) are submitted, the ACRN dollar amount is mandatory in REF03 and the sum of the ACRN dollar amounts must balance to the extended Line Item total.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3	M

Code qualifying the Reference Identification

For iRAPT:

- "12" Billing Account (used to report AAA in iRAPT)
- "AT" Appropriation Number (used to report ACRN in iRAPT)
- "CA" Cost Allocation Reference (populates SDN Field in iRAPT)
- "ZZ" Mutually Defined (non-Contractual only, used to report Fiscal Year)
- "11" Account Number (used to report Purchase Request Number in iRAPT)

iRAPT Edits:

One Pay:
Contractual - Line Item Amount must be greater than zero to submit a Line level ACRN for One Pay.

- 11 Account Number
Number identifies a telecommunications industry account
- 12 Billing Account
Account number under which billing is rendered
- 1J Facility ID Number
- 4L Location-specific Services Reference Number
- 6R Provider Control Number
Number assigned by information provider company for tracking and billing purposes
- 7I Subscriber Authorization Number

8M	Originating Company Identifier
8N	Receiving Company Identifier
AAO	Carrier Assigned Code
AT	Appropriation Number
BF	Billing Center Identification
BLT	Billing Type
CA	Cost Allocation Reference
LJ	Local Jurisdiction
LU	Location Number
P4	Project Code
RO	Repetitive Booking Number
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim
V0	Version
YN	Receiver ID Qualifier
ZH	Carrier Assigned Reference Number
ZZ	Mutually Defined

REF02 **127** **Reference Identification** **X AN 1/30 O**
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

For iRAPT:

ACRN
Min/Max 2/2
If ACRNs are sent in lower-case, they will be converted to upper-case

SDN
Min/Max 1/30
The SDN is not converted to uppercase.

Standard Document Number (SDN) must be 13, 14, or 15 alphanumeric characters for One Pay when AAI is not found in the DOD AAI table.

Standard Document Number (SDN) must be 9, 13, 14 or 15 alphanumeric characters for One Pay when AAI is found in the DOD AAI table.

AAA
Min/Max 6/6

Fiscal Year
Min/Max 4/4
CCYY

Purchase Request Number
Min/Max 1/30

REF03 **352** **Description** **X AN 1/80 O**
A free-form description to clarify the related data elements and their content

For iRAPT:

Not Used in iRAPT. Information submitted will not be displayed in iRAPT.

REF04 **C040** **Reference Identifier** **O O**
To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

C04001 **128** **Reference Identification Qualifier** **M ID 2/3 M**
Code qualifying the Reference Identification

C04002 **127** **Reference Identification** **M AN 1/30 M**

		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04003	128	Reference Identification Qualifier	X	ID 2/3	O
		Code qualifying the Reference Identification			
C04004	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment: **DTM** Date/Time Reference

Position: 270

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: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the DTM segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		001 Cancel After		
		003 Invoice		
		007 Effective		
		009 Process		
		035 Delivered		
		050 Received		
		092 Contract Effective		
		093 Contract Expiration		
		102 Issue		
		150 Service Period Start		
		151 Service Period End		
		152 Effective Date of Change		
		Date on which the change went into effect		
		153 Service Interruption		
		154 Adjustment Period Start		
		155 Adjustment Period End		
		193 Period Start		
		194 Period End		
		197 End		
		201 Acceptance		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		

			Date on which the cycle begins		
	359		Cycle End		
			Date on which the cycle ends		
	507		Extract		
			Date on which the file was extracted from the database		
	949		Payment Effective		
DTM02	373	Date		X	DT 8/8
		Date expressed as CCYYMMDD			O

Segment: **MSG** Message Text
Position: 280
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the MSG segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text	M AN 1/264	M
		Free-form message text		

Segment: **AMT** Monetary Amount
Position: 285
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
AMT01	522	Amount Qualifier Code Code to qualify amount 1E Fixed Price 8V Services LM Limit NR Nonrecurring RJ Rate Amount ZT Prorated Amount	M ID 1/3	M
AMT02	782	Monetary Amount Monetary amount	M R 1/18	M

Segment: **QTY** Quantity
Position: 290
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
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:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the QTY segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
QTY01	673	Quantity Qualifier	M ID 2/2	M
		Code specifying the type of quantity		
		01 Discrete Quantity		
		02 Cumulative Quantity		
		27 Committed Quantity		
		38 Original Quantity		
		47 Primary Net Quantity		
		7K Time Frame		
		87 Quantity Received		
		8H Minimum		
		90 Acknowledged Quantity		
		Network Recognition for message receipt		
		91 Additional Usage Quantity		
		The amount of usage incurred above the allotted or allowable use for a service		
		92 Allotted Usage Quantity		
		The amount of allowable usage related to a service		
		93 Attendant-Handled Quantity		
		Manual Recognition for message receipt		
		94 Billable Quantity		
		Number of billable units used		
		95 Data Storage Quantity		
		Number of storage units used		
		96 Non-Billable Quantity		
		Number of non-billable units		
		97 Non-Urgent Delivery Quantity		
		Number of units delivered in non-urgent status		
		98 Overflow Quantity		
		Number of overflow messages, (Busy condition count for 800 service)		
		99 Quantity Used		
		Quantity of units used		
		AA Unacknowledged Quantity		

			Message received without network, or attendant recognition		
	AB		Urgent Delivery Quantity		
			Number of units delivered in urgent status		
	AC		Voice Storage Quantity		
			Number of voice storage units used		
	AD		Maintenance Units		
			Number of units of maintenance provided		
	AE		Minimum Average Time Requirement (MATR) Units		
			Number of units calculated at a minimum usage rating basis, such as X minutes per message		
	AF		Wide Area Telephone Service (WATS)/800 Service Units		
			Number of units of usage, for WATS or 800 service		
	AG		Number of End Users		
			Number of participating users		
	AH		Number of Message Recipients		
			Number of recipients		
	AI		Number of Operator Credits		
			Number of operator credits given		
	AJ		Daily Adjustments		
	D1		Billed		
	M2		Maximum		
	NS		Number of Stations		
			Number of stations, or terminating points, which are in use, deleted, added, etc. for service delivery; ports or lines on a computer, for example		
	QD		Quantity Delivered		
	TO		Total		
QTY02	380	Quantity		X	R 1/15 M
			Numeric value of quantity		
QTY03	C001	Composite Unit of Measure		O	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
C00101	355	Unit or Basis for Measurement Code		M	ID 2/2 M
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		03	Seconds		
		12	Packet		
		1X	Quarter Mile		
		4L	Megabyte		
			Unit of computer storage capacity		
	AD		Bytes		
			A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit		
	AH		Additional Minutes		
			The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service		
	AI		Average Minutes Per Call		
			The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details		
	AL		Access Lines		
			Number of lines subject to Carrier Access Line Charges		
	AN		Minutes or Messages		
			Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for		

	the calculation of charges
C0	Calls
	Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records
	Number of Data Records handled
DY	Directory Books
	Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes
	Number of Electronic Mail Boxes established for an account
EV	Envelope
F3	Equivalent
	Weight of a substance which combines with or replaces one gram atomic weight of hydrogen
G7	Microfiche Sheet
	A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic
	Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters
	Kilocharacters of data transmitted
KF	Kilopackets
	Kilopackets of data transmitted
KJ	Kilosegments
	Kilosegments of data transmitted
M0	Magnetic Tapes
	Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages
	Number of Messages transmitted, or delivered
NH	Message Hours
	Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens
	Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic
	Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile
	Number of FAX pages transmitted
QB	Pages - Hardcopy
	Number of printed pages delivered
QH	Quarter Hours

	Number of 15 minute increments of usage handled
RS	Resets
	Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions
	Number of interactive sessions handled
S7	Storage Units
	Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service
	Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average
	Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports
	Number of network access ports
UD	Tenth Minutes
	Number of 6 second increments of usage
UE	Tenth Hours
	Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

Segment:	SI Service Characteristic Identification
Position:	300
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SI04 or SI05 is present, then the other is required. 2 If either SI06 or SI07 is present, then the other is required. 3 If either SI08 or SI09 is present, then the other is required. 4 If either SI10 or SI11 is present, then the other is required. 5 If either SI12 or SI13 is present, then the other is required. 6 If either SI14 or SI15 is present, then the other is required. 7 If either SI16 or SI17 is present, then the other is required. 8 If either SI18 or SI19 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	DoD/Federal IC Notes
	<ol style="list-style-type: none"> 1. See OBF Section 10.4 for valid values when using data element 1000/234 pairs. 2. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '4'.
	For iRAPT
	Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **ITA** Allowance, Charge or Service

Position: 310

Loop: ITA Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify allowances, charges, or services

Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If either ITA10 or ITA11 is present, then the other is required.
- 4 If ITA15 is present, then ITA02 is required.
- 5 If ITA17 is present, then ITA12 is required.

Semantic Notes:

- 1 ITA09 is the allowance or charge percent.
- 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 3 ITA12 is the quantity of free goods.

Comments:

- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA13 is used to clarify the allowance, charge, or service.
- 5 ITA15 specifies the individual code list of the agency specified in ITA02.
- 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the ITA loop is optional when HL03 is "4".

For iRAPT

When contained in HL Loops 1-7 and ITA16 = "A", data from the ITA segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS: Optional and only allows for TTB or PST in ITA14.

One Pay: Optional and allows any valid miscellaneous fee, yet only allows for three fees and allowances per Invoice.

CAPS-C/W: Optional and allows TTB in ITA14 when ITA01 = "C" for miscellaneous charge. Any ITA14 allowance code may be entered for miscellaneous allowances (ITA01 = "A"), up to 11 maximum.

IAPS-E: Charge code PRB is not allowed in ITA14.

Navy ERP: Allows all codes in ITA14 except TTB.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1	M
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	X ID 2/2	O
ITA03	560	Special Services Code	X ID 2/10	O

Code identifying the special service

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

ITA04 331 Allowance or Charge Method of Handling Code M ID 2/2 M

Code indicating method of handling for an allowance or charge

04 Credit Customer Account
06 Charge to be Paid by Customer
ZZ Mutually Defined

ITA05 341 Allowance or Charge Number O AN 1/16 O

The number assigned by a vendor referencing an allowance, promotion, deal or charge

ITA06 359 Allowance or Charge Rate O R 1/15 O

Allowance or Charge Rate per Unit

ITA07 360 Allowance or Charge Total Amount O N2 1/15 O

Total dollar amount for the allowance or charge

For iRAPT:

ITA07 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".

When entering an Allowance (ITA01= A), enter a negative value in ITA07 in order for the amount to be deducted from the document total.

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
 - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
 - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
 - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

ITA08 378 Allowance/Charge Percent Qualifier O ID 1/1 O

Code indicating on what basis allowance or charge percent is calculated

9 Late Payment Charge Base Amount
Amount outstanding after the past due date, and subject to a late payment charge

ITA09 332 Percent X R 1/6 O

Percent expressed as a percent

ITA10 380 Quantity X R 1/15 O

Numeric value of quantity

ITA11 355 Unit or Basis for Measurement Code X ID 2/2 O

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

03 Seconds
12 Packet
1X Quarter Mile

AD	Bytes A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
AH	Additional Minutes The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service
AI	Average Minutes Per Call The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details
AL	Access Lines Number of lines subject to Carrier Access Line Charges
AN	Minutes or Messages Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges
C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried

NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

ITA12	380	Quantity	X	R 1/15	Not Used
ITA13	352	Description	X	AN 1/80	O
ITA14	150	Special Charge or Allowance Code	X	ID 3/3	O

Code identifying type of special charge or allowance

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

For iRAPT:

ITA14 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".

WAWF will only accept additive allowance and charges on the EDI 811 where the type code in the ITA14 can be mapped to a type code in the SAC02 in the 810 extract (see below). All other codes, if additive, will be rejected with an error message.

Charges (ITA01 = "C"):
CAS Container Deposits
CMI Continuous Mileage
INS Insurance
QAB Overrun Charge
PST Postage

QAA Quantity Surcharge
 TTB Transportation-Direct Billing

Allowances (ITA01 = "A"):
 CBW Container Allowance
 DAM Damaged Merchandise
 DSC Discount
 PAI Promotional Discount
 QQA Quantity Discount
 TD Trade Discount
 TAJ Trade In

Charge or Allowance (ITA01 = "A" or "C"):
 999 Other
 PAF Price Deviation
 PRB Prior Balance

ITA15	822	Source Subqualifier	O	AN 1/15	Not Used
ITA16	662	Relationship Code	O	ID 1/1	O

Code indicating the relationship between entities

A	Add
D	Delete
I	Included
O	Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

S	Substituted
---	-------------

Segment: **DTM** Date/Time Reference

Position: 320

Loop: ITA Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the DTM segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		001 Cancel After		
		003 Invoice		
		007 Effective		
		009 Process		
		035 Delivered		
		092 Contract Effective		
		093 Contract Expiration		
		102 Issue		
		150 Service Period Start		
		151 Service Period End		
		152 Effective Date of Change		
		Date on which the change went into effect		
		153 Service Interruption		
		154 Adjustment Period Start		
		155 Adjustment Period End		
		197 End		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		
		Date on which the cycle begins		
		359 Cycle End		
		Date on which the cycle ends		
		507 Extract		

Date on which the file was extracted from the database

949
Payment Effective

DTM02

373

Date

X DT 8/8 O

Date expressed as CCYYMMDD

Segment: **TXI Tax Information**

Position: 330

Loop: ITA Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "4".

For iRAPT

When contained in HL Loops 1-7 and TXI07 = "A", data from the TXI segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS does not utilize the TXI Segment.

One Pay allows three tax Segments per Invoice and is optional.

CAPS-C/W allows a total of 10 taxes per Invoice and is optional.

IAPS-E and Navy ERP allow taxes; each value may be entered only once and is optional.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Tax Type Code</u>	<u>Attributes</u>	<u>Attributes</u>
TXI01	963		M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		

	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation
CA	City Tax
	Service Tax imposed by City
CB	Threshold Tax
CG	Federal Value-added Tax (GST) on Goods
CI	City Rental Tax
	Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party
CP	County/Parish Sales Tax
CR	County Rental Tax
	Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax
	Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax
	Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax
	Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax
	Canadian value-added tax
HS	Public Health and Education Tax
	Canadian tax levied to fund public care and education
HT	Handicap Tax
	Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax)
	Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal)
	Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state)
	Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks

MA	Material Tax
MN	Minimum Tax
MP	Municipal Tax Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services
SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city

		ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a county			
		ZC	911-Excise Tax Usage tax imposed to recover the cost of 911 service			
		ZD	911-State Tax Tax levied to recover the cost of providing 911 emergency service within a State			
		ZE	911-Tax Tax to recover the cost of 911 service			
		ZZ	Mutually Defined			
TXI02	782	Monetary Amount		X	R 1/18	O
		Monetary amount				
		For iRAPT:				
		TXI02 is Mandatory when TXI07 = "A".				
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.				
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.				
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:				
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.				
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),				
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.				
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.				
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.				
TXI03	954	Percent		X	R 1/10	O
		Percentage expressed as a decimal				
		DoD/Federal IC Notes:				
		Tax rate for this jurisdiction.				
TXI04	955	Tax Jurisdiction Code Qualifier		X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code				
		CD Customer defined				
		VD Vendor defined				
		VE Vertex				
TXI05	956	Tax Jurisdiction Code		X	AN 1/10	O
		Code identifying the taxing jurisdiction				
TXI06	441	Tax Exempt Code		X	ID 1/1	O
		Code identifying exemption status from sales and use tax				
		1 Yes (Tax Exempt)				
		2 No (Not Tax Exempt)				
TXI07	662	Relationship Code		O	ID 1/1	O
		Code indicating the relationship between entities				
		A Add				
		D Delete				

O Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

TXI08	828	Dollar Basis For Percent	O R 1/9 O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax	
TXI09	325	Tax Identification Number	O AN 1/20 O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
TXI10	350	Assigned Identification	O AN 1/20 O
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **NM1** Individual or Organizational Name
Position: 340
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
 2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the NM1 segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
NM101	98	Entity Identifier Code	M ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual		
		DoD/Federal IC Notes:		
		'SJ' and '9D' are the only valid codes at HL1 (Service Provider Level).		
		9D New Service Provider		
		AG Agent/Agency		
		AK Party to Whom Acknowledgment Should Be Sent		
		AO Account Of		
		BS Bill and Ship To		
		C3 Circuit Location Identifier		
		Identifies the address information as that which is assigned to a circuit location address		
		CA Carrier		
		CT Country of Origin		
		EN End User		
		GP Gateway Provider		
		Identifies a gateway access provider		
		IA Installed At		
		P9 Primary Interexchange Carrier (PIC)		
		Identifies the carrier who will handle the interexchange calls		
		PE Payee		
		PM Party to receive paper Memo of Invoice		
		PR Payer		
		RI Remit To		
		RL Reporting Location		
		SE Selling Party		
		SJ Service Provider		
		Identifies name and address information as pertaining to a service provider for which billing is being rendered		
NM102	1065	Entity Type Qualifier	M ID 1/1	M
		Code qualifying the type of entity		
		1 Person		
		2 Non-Person Entity		

		3	Unknown			
		4	Corporation			
		5	Trust			
		6	Organization			
		7	Limited Liability Corporation			
		8	Partnership			
		9	S Corporation			
		C	Custodial			
		D	Non-Profit Organization			
		E	Sole Proprietorship			
		G	Government			
		L	Limited Partnership			
NM103	1035	Name Last or Organization Name		O	AN 1/35	O
		Individual last name or organizational name				
NM104	1036	Name First		O	AN 1/25	O
		Individual first name				
NM105	1037	Name Middle		O	AN 1/25	O
		Individual middle name or initial				
NM106	1038	Name Prefix		O	AN 1/10	O
		Prefix to individual name				
NM107	1039	Name Suffix		O	AN 1/10	O
		Suffix to individual name				
NM108	66	Identification Code Qualifier		X	ID 1/2	O
		Code designating the system/method of code structure used for Identification Code (67)				
		DoD/Federal IC Notes:				
		Code values '41', '42' and '91' are the only valid values at HL1 (Service Provider Level).				
		1	D-U-N-S Number, Dun & Bradstreet			
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
		10	Department of Defense Activity Address Code (DODAAC)			
		33	Commercial and Government Entity (CAGE)			
		40	Electronic Mail User Code			
			Identifies the Electronic Mail User locally defined and maintained between trading partners			
		41	Telecommunications Carrier Identification Code			
			Identifies the Interexchange carrier for the charges being billed			
		42	Telecommunications Pseudo Carrier Identification Code			
			A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers			
		91	Assigned by Seller or Seller's Agent			
		92	Assigned by Buyer or Buyer's Agent			
		ZY	Temporary Identification Number			
			A temporary ID to be used until a permanent ID is processed			
NM109	67	Identification Code		X	AN 2/80	O
		Code identifying a party or other code				
		DoD/Federal IC Notes:				
		If N103 = '41' use CIC code list maintained by Lockheed Martin. If N103 = '42' use Pseudo-CIC list provided in OBF Section 10.4.				
		If NM108 = '42' use CIC Code list maintained by Lockheed Martin. If NM108 = '41' use Pseudo-CIC list provided in OBF Section 10.4.				

Segment: **N2 Additional Name Information**
Position: 350
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the N2 segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N201	93	Name Free-form name	M AN 1/60	M
N202	93	Name Free-form name	O AN 1/60	O

Segment: **N3** Address Information
Position: 360
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the N3 segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55	M
N302	166	Address Information Address information	O AN 1/55	O

Segment: **N4 Geographic Location**
Position: 370
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: **DoD/Federal IC Notes**
When submitting the 811 to any federal agency, use of the N4 segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30	O
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	O
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15	O
N404	26	Country Code Code identifying the country	O ID 2/3	O
N405	309	Location Qualifier Code identifying type of location AC City and State AR Armed Services Location Designation CC Country CI City SP State/Province	X ID 1/2	O
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30	O

Segment: **PER Administrative Communications Contact**

Position: 380
Loop: NM1 Optional
Level: Detail
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: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the PER segment is optional when HL03 is "4".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	M ID 2/2	M
		AD Accounting Department		
		AR Accounts Receivable Department		
		BD Buyer Name or Department		
		BI Bill Inquiry Contact		
		Service Provider contact for making inquires about information on the invoice		
		CC Computer Systems Contact		
		DA Directory Advertising Contact		
		Service Provider contact for questions about, and changes to, directory advertising		
		IC Information Contact		
		MA Maintenance Contact		
		Service Provider contact for requesting service maintenance, or reporting problems		
		OC Order Contact		
		OD Order Department		
		PM Product Manager		
		QA Quality Assurance Contact		
		SR Sales Representative or Department		
		TR Technical Marketing Representative		
PER02	93	Name Free-form name	O AN 1/60	O
PER03	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2	O
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		DoD/Federal IC Notes:		
		This code is to be used only within the federal government.		
		EM Electronic Mail		
		FX Facsimile		

		TE	Telephone			
		UR	Uniform Resource Locator (URL)			
PER04	364	Communication Number		X	AN 1/80	O
		Complete communications number including country or area code when applicable				
		DoD/Federal IC Notes:				
		Complete communications number including country or area code when applicable.				
PER05	365	Communication Number Qualifier		X	ID 2/2	O
		Code identifying the type of communication number				
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		DoD/Federal IC Notes:				
		This code is to be used only within the federal government.				
		EM	Electronic Mail			
		FX	Facsimile			
		TE	Telephone			
PER06	364	Communication Number		X	AN 1/80	O
		Complete communications number including country or area code when applicable				
PER07	365	Communication Number Qualifier		O	ID 2/2	O
		Code identifying the type of communication number				
		AA	International Telephone Access Code			
			Dialing Code required to call another country in addition to the number			
		AB	Joint Facsimile and Phone Number			
		AC	Message Only Voice Number			
			Telephone number which provides automated messages only			
		AD	Delivery Location Phone			
		AP	Alternate Telephone			
		AS	Answering Service			
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		BN	Beeper Number			
		BT	BTX Number			
			German communications number for on-line service provided through the Deutsche Bundespost			
		CA	Cable			
		CP	Cellular Phone			
		DN	Defense Data Network (DDN)			
			Department of Defense (DoD) data communications system			
		ED	Electronic Data Interchange Access Number			
		EM	Electronic Mail			
		EX	Telephone Extension			
		FT	Federal Telecommunications System (FTS)			
		FU	Facsimile User Identifier			
		FX	Facsimile			
		HF	Home Facsimile Number			
		HP	Home Phone Number			
		IT	International Telephone			
		MN	Modem Number			
		NP	Night Telephone			
		OF	Other Residential Facsimile Number			
		OT	Other Residential Telephone Number			

PA	Appointment Phone
PC	Personal Cellular
PP	Personal Phone
PS	Packet Switching
SP	Showing Phone
	Phone number to call for information about a property showing
TE	Telephone
TL	Telex
TM	Telemail
TN	Teletex Number
	Teletex is specific type of Telex service provided by Deutsche Bundespost
TX	TWX
UR	Uniform Resource Locator (URL)
VM	Voice Mail
WC	Work Cellular
WF	Work Facsimile Number
WP	Work Phone Number

PER08

364

Communication Number

O AN 1/80 O

Complete communications number including country or area code when applicable

Segment:	SLN Subline Item Detail
Position:	390
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required. 7 If either SLN15 or SLN16 is present, then the other is required. 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 10 If either SLN21 or SLN22 is present, then the other is required. 11 If either SLN23 or SLN24 is present, then the other is required. 12 If either SLN25 or SLN26 is present, then the other is required. 13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of IDs. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<p>DoD/Federal IC Notes</p> <ol style="list-style-type: none"> 1. The SLN loop may only appear at HL8 (Charge Detail Level). 2. When submitting the 811 to any federal agency, use of the SLN loop is required when HL03 is "8". <p>For iRAPT</p> <p>For the SLN segment with SLN08 = "A", data from the SLN segment will be displayed on the iRAPT document.</p>

Data Element Summary

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

Alphanumeric characters assigned for differentiation within a transaction set

For iRAPT:

Line Item Number

If SLN08 = "A", this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

If characters are sent in lowercase, then they will be converted to uppercase. The letters "I" and "O" may not be used within the Line Item Number.

iRAPT Edits:

IAPS-E, CAPS-C/W:
4 AN or 6 AN

MOCAS:
4N, 4N2A, 1A3AN, "NONE" or "NONE"NN

One Pay:
4 N or 4 N PLUS 2 AN (only CLIN/SLIN allowed)

Navy ERP:
CLIN (4N), SLIN (4N + 2AN) or ELIN (1A + 3AN)

SLN02	350	Assigned Identification	O	AN 1/20	O
Alphanumeric characters assigned for differentiation within a transaction set					
For iRAPT:					
Will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.					
SLN03	662	Relationship Code	M	ID 1/1	M
Code indicating the relationship between entities					
I Included					
SLN04	380	Quantity	X	R 1/15	M R 1/10
Numeric value of quantity					
For iRAPT:					
If SLN08 = "A", this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.					
iRAPT Edits:					
If DSS or DMLSS Ship To, Quantity must be a whole number with maximum field size of 10.					
SLN05	C001	Composite Unit of Measure	X		O
To identify a composite unit of measure (See Figures Appendix for examples of use)					
For iRAPT:					
If SLN08 = "A", this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.					
When SLN03 = "M4" - Rules of extended pricing do not apply. Proposed OBF change - At least one M4 code must be used if there are charges at the subordinate levels (5-9). When M4 is used, SLN06 equals the roll up from lower levels (see OBF summing rules in OBF Section 7.3).					
C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
DoD/Federal IC Notes:					
When SLN05.01 = 'M4', rules of extended pricing do not apply. Proposed OBF change: when used, 'M4' equals the roll up from lower levels (see OBF summing rules in OBF Section 7.3).					
For iRAPT:					
If SLN08 = "A", this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.					
03 Seconds					
12 Packet					
1X Quarter Mile					
AD Bytes					
AH A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit					
AH Additional Minutes					
AH The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service					

AL	Access Lines Number of lines subject to Carrier Access Line Charges
C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled

RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

SLN06 212 Unit Price X R 1/17 O

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

For iRAPT:

If SLN08 = "A", this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

SLN07 639 Basis of Unit Price Code O ID 2/2 O

Code identifying the type of unit price for an item

For iRAPT:

Will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

BD	Before Discount Full amount for the service prior to application of any appropriate discounts
CP	Current Price (Subject to Change)
CT	Contract
DP	Daily Price per Unit
PB	Annual Price Per Unit Price changed Once per Year
PE	Price per Each
PM	Monthly Price Per Unit
TE	Contract Price per Each
TP	Price per Thousand
WI	Weekly Price per Unit Price charged once per week

SLN08 662 Relationship Code O ID 1/1 O

Code indicating the relationship between entities

For iRAPT:

Enter in a value of "A" if the SLN segment contains a CLIN that should be displayed on the iRAPT document.

A	Add
D	Delete
I	Included

			O	Information Only		
				Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)		
SLN09	235	Product/Service ID Qualifier		X ID 2/2 O		
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		DoD/Federal IC Notes:				
		Code 'ZZ' is temporarily being used for code 'WJ'.				
		For iRAPT:				
		If SLN08 = "A", this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.				
		Codes must be capitalized.				
		SV Service Rendered				
		VP Vendor's (Seller's) Part Number				
		ZZ Mutually Defined				
SLN10	234	Product/Service ID		X AN 1/48 O		
		Identifying number for a product or service				
		DoD/Federal IC Notes:				
		If SLN09 = 'SV' or 'ZZ', see OBF Section 10.4 for a list of valid values.				
		For iRAPT:				
		If SLN08 = "A", this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.				
SLN11	235	Product/Service ID Qualifier		O ID 2/2 O		
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
SLN12	234	Product/Service ID		O AN 1/48 O		
		Identifying number for a product or service				

Segment: **SI Service Characteristic Identification**
Position: 400
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify service characteristic data
Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '8'.
2. See OBF Section 10.4 for valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **PID** Product/Item Description

Position: 410

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 200

Purpose: To describe a product or process in coded or free-form format

Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the PID segment is optional when HL03 is "8".

For iRAPT

Line Item Description

There must be at least one instance of PID per SLN loop where SLN08 = "A" WAWF permits up to 2000 characters in the Line Item Description. Repeat as necessary without exceeding the 2000 character limit.

WAWF does not perform validation based on the code entered in PID01; PID04 is always Optional and PID05 is always Mandatory.

Data Element Summary

Ref.	Data	Name	Base	User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
PID01	349	Item Description Type Code indicating the format of a description F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	M ID 1/1	M
PID02	750	Product/Process Characteristic Code	O ID 2/3	Not Used
PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values For iRAPT: Will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.	X ID 2/2	O
		AS Assigned by Seller		
PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic For iRAPT: Will not be displayed on the iRAPT document, but will be saved in the form of an	X AN 1/12	O

PID05	352	<p>attachment to the iRAPT document.</p> <p>Description X AN 1/80 M</p> <p>A free-form description to clarify the related data elements and their content</p> <p>For iRAPT:</p> <p>If SLN08 = "A" for this SLN loop, this field will be displayed in iRAPT. Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.</p>
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Segment: **CUR** Currency

Position: 420

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the CUR segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

Ref.	Data	Name	Base	User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual PR Payer	M ID 2/3	M
CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified DoD/Federal IC Notes: CAD Canada, Dollars USD United States of America, Dollars For additional values, request ISO 4217 Currency Code List.	M ID 3/3	M
CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	O R 4/10	O
CUR04	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual PE Payee PM Party to receive paper Memo of Invoice RI Remit To SE Selling Party SJ Service Provider Identifies name and address information as pertaining to a service provider for which billing is being rendered	O ID 2/3	O
CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	O ID 3/3	O

DoD/Federal IC Notes:

CAD Canada, Dollars

USD United States of America, Dollars

CUR06	669	Currency Market/Exchange Code	O	ID 3/3	O
		For additional values, request ISO 4217 Currency Code List. Code identifying the market upon which the currency exchange rate is based			
		IMF International Monetary Fund			
		LNF London (England) Exchange - First Closing			
		LNS London (England) Exchange - Second Closing			
		NYC New York Foreign Exchange			
		PHI Philadelphia Foreign Exchange			
		ZUR Zurich (Switzerland) Exchange			
CUR07	374	Date/Time Qualifier	X	ID 3/3	O
		Code specifying type of date or time, or both date and time			
		001 Cancel After			
		003 Invoice			
		007 Effective			
		009 Process			
		035 Delivered			
		092 Contract Effective			
		093 Contract Expiration			
		102 Issue			
		150 Service Period Start			
		151 Service Period End			
		152 Effective Date of Change			
		Date on which the change went into effect			
		153 Service Interruption			
		154 Adjustment Period Start			
		155 Adjustment Period End			
CUR08	373	Date	O	DT 8/8	O
		Date expressed as CCYYMMDD			
CUR09	337	Time	O	TM 4/8	O
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			

Segment: **INC** **Installment Information**
Position: 430
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify installment billing arrangement
Syntax Notes:
Semantic Notes:

- 1 INC02 is the installment period (e.g., months).
- 2 INC03 is the total number of installments.
- 3 INC04 is the number of the current installment.
- 4 INC05 is the installment balance after the current installment is applied.

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the INC segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
INC01	336	Terms Type Code Code identifying type of payment terms 04 Deferred or Installment	M ID 2/2	M
INC02	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M	M
C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken MO Months	M ID 2/2	M
INC03	380	Quantity Numeric value of quantity DoD/Federal IC Notes: Indicates the total number of installments.	M R 1/15	M
INC04	380	Quantity Numeric value of quantity DoD/Federal IC Notes: Indicates number of current installments.	M R 1/15	M
INC05	782	Monetary Amount Monetary amount DoD/Federal IC Notes: Balance remaining after this installment is billed.	O R 1/18	O

Segment: **ITA** Allowance, Charge or Service

Position: 440

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify allowances, charges, or services

Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If either ITA10 or ITA11 is present, then the other is required.
- 4 If ITA15 is present, then ITA02 is required.
- 5 If ITA17 is present, then ITA12 is required.

Semantic Notes:

- 1 ITA09 is the allowance or charge percent.
- 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 3 ITA12 is the quantity of free goods.

Comments:

- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA13 is used to clarify the allowance, charge, or service.
- 5 ITA15 specifies the individual code list of the agency specified in ITA02.
- 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the ITA segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1	M
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	X ID 2/2	O
ITA03	560	Special Services Code Code identifying the special service DoD/Federal IC Notes: See OBF Section 10.4 for a list of valid values.	X ID 2/10	O
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 04 Credit Customer Account 06 Charge to be Paid by Customer ZZ Mutually Defined	M ID 2/2	M
ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16	O
ITA06	359	Allowance or Charge Rate Allowance or Charge Rate per Unit	O R 1/15	O

ITA07	360	Allowance or Charge Total Amount	O	N2 1/15	O
Total dollar amount for the allowance or charge					
For iRAPT:					
ITA07 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".					
Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.					
Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.					
Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:					
- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.					
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),					
- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.					
- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.					
- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.					
ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1	O
Code indicating on what basis allowance or charge percent is calculated					
9 Late Payment Charge Base Amount					
Amount outstanding after the past due date, and subject to a late payment charge					
ITA09	332	Percent	X	R 1/6	O
Percent expressed as a percent					
ITA10	380	Quantity	X	R 1/15	O
Numeric value of quantity					
ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2	O
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
03 Seconds					
12 Packet					
1X Quarter Mile					
AD Bytes					
A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit					
AH Additional Minutes					
The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service					
AI Average Minutes Per Call					
The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details					
AL Access Lines					
Number of lines subject to Carrier Access Line Charges					
AN Minutes or Messages					
Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges					

C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.

		S6	Sessions			
			Number of interactive sessions handled			
		S7	Storage Units			
			Number of storage increments used			
		SG	Segment			
		T0	Telecommunications Lines in Service			
			Snapshot sample of lines in service			
		UB	Telecommunications Lines in Service - Average			
			Average number of lines in service specific to equal access requirements			
		UC	Telecommunications Ports			
			Number of network access ports			
		UD	Tenth Minutes			
			Number of 6 second increments of usage			
		UE	Tenth Hours			
			Number of 6 minute increments of usage			
		UF	Usage per Telecommunications Line - Average			
		UN	Unit			
		ZZ	Mutually Defined			
ITA12	380	Quantity		X	R 1/15	Not Used
ITA13	352	Description		X	AN 1/80	O
			A free-form description to clarify the related data elements and their content			
ITA14	150	Special Charge or Allowance Code		X	ID 3/3	O
			Code identifying type of special charge or allowance			

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

For iRAPT:

ITA14 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".

WAWF will only accept additive allowance and charges on the EDI 811 where the type code in the ITA14 can be mapped to a type code in the SAC02 in the 810 extract (see below). All other codes, if additive, will be rejected with an error message.

Charges (ITA01 = "C"):

CAS Container Deposits
CMI Continuous Mileage
INS Insurance
QAB Overrun Charge
PST Postage
QAA Quantity Surcharge
TTB Transportation-Direct Billing

Allowances (ITA01 = "A"):

CBW Container Allowance
DAM Damaged Merchandise
DSC Discount
PAI Promotional Discount
QQA Quantity Discount
TD Trade Discount
TAJ Trade In

Charge or Allowance (ITA01 = "A" or "C"):

999 Other
PAF Price Deviation
PRB Prior Balance

ITA15	822	Source Subqualifier	O AN 1/15	Not Used
ITA16	662	Relationship Code	O ID 1/1	O

Code indicating the relationship between entities

A	Add
D	Delete
I	Included
O	Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Segment: **TXI Tax Information**
Position: 450
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify tax information
Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS does not utilize the TXI Segment.

One Pay allows three tax Segments per Invoice and is optional.

CAPS-C/W allows a total of 10 taxes per Invoice and is optional.

IAPS-E and Navy ERP allow taxes; each value may be entered only once and is optional.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Tax Type Code</u>	<u>Attributes</u>	<u>Attributes</u>
TXI01	963		M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		
		Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation		

CA	City Tax Service Tax imposed by City
CB	Threshold Tax
CG	Federal Value-added Tax (GST) on Goods
CI	City Rental Tax Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party
CP	County/Parish Sales Tax
CR	County Rental Tax Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax Canadian value-added tax
HS	Public Health and Education Tax Canadian tax levied to fund public care and education
HT	Handicap Tax Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax) Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal) Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state) Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks
MA	Material Tax
MN	Minimum Tax

MP	Municipal Tax Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services
SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city
ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a

		ZC	county 911-Excise Tax			
			Usage tax imposed to recover the cost of 911 service			
		ZD	911-State Tax			
			Tax levied to recover the cost of providing 911 emergency service within a State			
		ZE	911-Tax			
			Tax to recover the cost of 911 service			
		ZZ	Mutually Defined			
TXI02	782	Monetary Amount		X	R 1/18	O
		Monetary amount				
		For iRAPT:				
		TXI02 is Mandatory when TXI07 = "A".				
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.				
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.				
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:				
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.				
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),				
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.				
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.				
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.				
TXI03	954	Percent		X	R 1/10	O
		Percentage expressed as a decimal				
		DoD/Federal IC Notes:				
		Tax rate for this jurisdiction.				
TXI04	955	Tax Jurisdiction Code Qualifier		X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code				
		CD	Customer defined			
		VD	Vendor defined			
		VE	Vertex			
TXI05	956	Tax Jurisdiction Code		X	AN 1/10	O
		Code identifying the taxing jurisdiction				
TXI06	441	Tax Exempt Code		X	ID 1/1	O
		Code identifying exemption status from sales and use tax				
		1	Yes (Tax Exempt)			
		2	No (Not Tax Exempt)			
TXI07	662	Relationship Code		O	ID 1/1	O
		Code indicating the relationship between entities				
		A	Add			
		D	Delete			
		I	Included			
		O	Information Only			

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

TXI08	828	Dollar Basis For Percent	O R 1/9 O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax	
TXI09	325	Tax Identification Number	O AN 1/20 O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
TXI10	350	Assigned Identification	O AN 1/20 O
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **REF** Reference Identification
Position: 460
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

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

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the REF segment is optional when HL03 is "8".

For iRAPT

Use this segment to submit SDN, AAA, and ACRN at the line level. SDN, AAA, and ACRN are optional in iRAPT.

AAA is only used at the line level for Contractual Invoices. Report AAA for non-Contractual Invoices in the REF Segment at Pos. 050 in the Header.

iRAPT Edits

MOCAS, One Pay, CAPS C/W, Navy ERP:
ACRN is optional and if used must be two alphanumeric characters.

One Pay:

Contractual - To report ACRN, Line Item Amount must be greater than zero.

Except for One Pay documents, if single ACRN is submitted, the ACRN dollar amount is optional in REF03. However, if submitted, the amount must match the extended Line Item total. One Pay ACRN entries must have ACRN amounts in REF03.

If multiple ACRNs (>1) are submitted, the ACRN dollar amount is mandatory in REF03 and the sum of the ACRN dollar amounts must balance to the extended Line Item total.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3	M

Code qualifying the Reference Identification

For iRAPT:

"12" Billing Account (used to report AAA in iRAPT)
"AT" Appropriation Number (used to report ACRN in iRAPT)
"CA" Cost Allocation Reference (populates SDN Field in iRAPT)
"ZZ" Mutually Defined (non-Contractual only, used to report Fiscal Year)
"11" Account Number (use to report Purchase Request Number in iRAPT)

iRAPT Edits:

One Pay:
Contractual - Line Item Amount must be greater than zero to submit a Line level ACRN for One Pay.

11	Account Number
	Number identifies a telecommunications industry account
12	Billing Account
	Account number under which billing is rendered
1J	Facility ID Number
4L	Location-specific Services Reference Number
6R	Provider Control Number

	Number assigned by information provider company for tracking and billing purposes
7I	Subscriber Authorization Number
8M	Originating Company Identifier
8N	Receiving Company Identifier
AAO	Carrier Assigned Code
AT	Appropriation Number
BF	Billing Center Identification
BLT	Billing Type
CA	Cost Allocation Reference
LJ	Local Jurisdiction
LU	Location Number
P4	Project Code
RO	Repetitive Booking Number
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim
V0	Version
YN	Receiver ID Qualifier
ZH	Carrier Assigned Reference Number
ZZ	Mutually Defined

REF02 **127** **Reference Identification** **X AN 1/30 O**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

For iRAPT:

When SLN08 = "A" for this SLN loop, and REF01 = AT, CA, or 12 this field will be displayed on the iRAPT document.
 Otherwise this field will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

ACRN

Min/Max 2/2

If ACRNs are sent in lower-case, they will be converted to upper-case

SDN

Min/Max 1/30

The SDN is not converted to uppercase.

One Pay:

Standard Document Number (SDN) must be 13, 14, or 15 alphanumeric characters.

AAA

Min/Max 6/6

Fiscal Year

Min/Max 4/4

CCYY

Purchase Request Number

Min/Max 1/30

REF03 **352** **Description** **X AN 1/80 O**

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

For iRAPT:

Will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

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

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

C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M	ID 2/3	M
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	M
C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3	O
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	O

Segment: **PER** Administrative Communications Contact
Position: 470
Loop: SLN Optional
Level: Detail
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:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the PER segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	M ID 2/2	M
		AD Accounting Department		
		AR Accounts Receivable Department		
		BD Buyer Name or Department		
		BI Bill Inquiry Contact		
		Service Provider contact for making inquires about information on the invoice		
		CC Computer Systems Contact		
		DA Directory Advertising Contact		
		Service Provider contact for questions about, and changes to, directory advertising		
		IC Information Contact		
		MA Maintenance Contact		
		Service Provider contact for requesting service maintenance, or reporting problems		
		OC Order Contact		
		OD Order Department		
		PM Product Manager		
		QA Quality Assurance Contact		
		SR Sales Representative or Department		
		TR Technical Marketing Representative		
PER02	93	Name Free-form name	O AN 1/60	O
PER03	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2	O
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		DoD/Federal IC Notes:		
		This code is to be used only within the federal government.		
		EM Electronic Mail		
		FX Facsimile		

		TE	Telephone			
		UR	Uniform Resource Locator (URL)			
PER04	364	Communication Number		X	AN 1/80	O
		Complete communications number including country or area code when applicable				
		DoD/Federal IC Notes:				
		Complete communications number including country or area code when applicable.				
PER05	365	Communication Number Qualifier		X	ID 2/2	O
		Code identifying the type of communication number				
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		DoD/Federal IC Notes:				
		This code is to be used only within the federal government.				
		EM	Electronic Mail			
		FX	Facsimile			
		TE	Telephone			
PER06	364	Communication Number		X	AN 1/80	O
		Complete communications number including country or area code when applicable				
PER07	365	Communication Number Qualifier		O	ID 2/2	O
		Code identifying the type of communication number				
		AA	International Telephone Access Code			
			Dialing Code required to call another country in addition to the number			
		AB	Joint Facsimile and Phone Number			
		AC	Message Only Voice Number			
			Telephone number which provides automated messages only			
		AD	Delivery Location Phone			
		AP	Alternate Telephone			
		AS	Answering Service			
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		BN	Beeper Number			
		BT	BTX Number			
			German communications number for on-line service provided through the Deutsche Bundespost			
		CA	Cable			
		CP	Cellular Phone			
		DN	Defense Data Network (DDN)			
			Department of Defense (DoD) data communications system			
		ED	Electronic Data Interchange Access Number			
		EM	Electronic Mail			
		EX	Telephone Extension			
		FT	Federal Telecommunications System (FTS)			
		FU	Facsimile User Identifier			
		FX	Facsimile			
		HF	Home Facsimile Number			
		HP	Home Phone Number			
		IT	International Telephone			
		MN	Modem Number			
		NP	Night Telephone			
		OF	Other Residential Facsimile Number			
		OT	Other Residential Telephone Number			

PA	Appointment Phone
PC	Personal Cellular
PP	Personal Phone
PS	Packet Switching
SP	Showing Phone
	Phone number to call for information about a property showing
TE	Telephone
TL	Telex
TM	Telemail
TN	Teletex Number
	Teletex is specific type of Telex service provided by Deutsche Bundespost
TX	TWX
UR	Uniform Resource Locator (URL)
VM	Voice Mail
WC	Work Cellular
WF	Work Facsimile Number
WP	Work Phone Number

PER08

364

Communication Number

O AN 1/80 O

Complete communications number including country or area code when applicable

Segment: **DTM** Date/Time Reference

Position: 480

Loop: SLN 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: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the DTM segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		001 Cancel After		
		003 Invoice		
		007 Effective		
		009 Process		
		035 Delivered		
		050 Received		
		092 Contract Effective		
		093 Contract Expiration		
		102 Issue		
		150 Service Period Start		
		151 Service Period End		
		152 Effective Date of Change		
		Date on which the change went into effect		
		153 Service Interruption		
		154 Adjustment Period Start		
		155 Adjustment Period End		
		197 End		
		201 Acceptance		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		
		Date on which the cycle begins		
		359 Cycle End		

			Date on which the cycle ends			
		507	Extract			
			Date on which the file was extracted from the database			
		949	Payment Effective			
DTM02	373	Date		X	DT 8/8	O
		Date expressed as CCYYMMDD				

Segment: **AMT** Monetary Amount
Position: 490
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 15
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the AMT segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
AMT01	522	Amount Qualifier Code	M ID 1/3	M
		Code to qualify amount		
		1 Line Item Total		
		5 Total Invoice Amount		
		6 Amount Subject to Total Monetary Discount		
		8 Total Monetary Discount Amount		
		1E Fixed Price		
		AD Adjusted Total		
		AP Amount Prior to Fractionalization		
		AQ Full charge amount for the service per service period, prior to pro-rated fractionalization due to partial period billing Average Price Per Call		
		AS The total amount of money associated with a category of calls divided by the total number of calls within the category calculated to provide call summary details Average Price Per Minute		
		AX The total amount of money associated with a category of calls divided by the total number of minutes within the category calculated to provide call summary details Previous Price		
		BT Bank Reject Total		
		CH Change Amount		
		CS Commission Sales		
		CT Those sales used to calculate commission payments Contract		
		KO Indicates the value stated in the contract Committed Amount		
		LI Line Item Unit Price		
		LM Limit		
		N Net		
		NA Indicates the value remaining after all deductions and adjustments have been made Net Adjustment		
		NO Non Commission Sales Those sales not included for commission payment calculation		

NR	Nonrecurring
NS	Net Savings Amount
	Amount of dollar saving resulting from the use of service, such as Optional Calling Plans
PB	Billed Amount
	Total amount due on the period bill
RJ	Rate Amount
SC	Total Service Charge
TP	Total payment amount
TS	Total Sales
	The total of commission and non commission sales needed to calculate intersell amount
TT	Total Transaction Amount
ZT	Prorated Amount

AMT02

782

Monetary Amount
Monetary amount

M R 1/18 M

Segment: **MSG** Message Text
Position: 500
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the MSG segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text	M AN 1/264	M
		Free-form message text		

Segment: **QTY** Quantity
Position: 510
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
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:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the QTY loop is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2	M
DoD/Federal IC Notes:				
Refer to code list provided in the QTY segment in Table 2 position 90.				
		01 Discrete Quantity		
		02 Cumulative Quantity		
		27 Committed Quantity		
		38 Original Quantity		
		47 Primary Net Quantity		
		7K Time Frame		
		87 Quantity Received		
		8H Minimum		
		90 Acknowledged Quantity		
		Network Recognition for message receipt		
		91 Additional Usage Quantity		
		The amount of usage incurred above the allotted or allowable use for a service		
		92 Allotted Usage Quantity		
		The amount of allowable usage related to a service		
		93 Attendant-Handled Quantity		
		Manual Recognition for message receipt		
		94 Billable Quantity		
		Number of billable units used		
		95 Data Storage Quantity		
		Number of storage units used		
		96 Non-Billable Quantity		
		Number of non-billable units		
		97 Non-Urgent Delivery Quantity		
		Number of units delivered in non-urgent status		
		98 Overflow Quantity		
		Number of overflow messages, (Busy condition count for 800 service)		
		99 Quantity Used		
		Quantity of units used		

AA	Unacknowledged Quantity Message received without network, or attendant recognition
AB	Urgent Delivery Quantity Number of units delivered in urgent status
AC	Voice Storage Quantity Number of voice storage units used
AD	Maintenance Units Number of units of maintenance provided
AE	Minimum Average Time Requirement (MATR) Units Number of units calculated at a minimum usage rating basis, such as X minutes per message
AF	Wide Area Telephone Service (WATS)/800 Service Units Number of units of usage, for WATS or 800 service
AG	Number of End Users Number of participating users
AH	Number of Message Recipients Number of recipients
AI	Number of Operator Credits Number of operator credits given
AJ	Daily Adjustments
D1	Billed
M2	Maximum
NS	Number of Stations Number of stations, or terminating points, which are in use, deleted, added, etc. for service delivery; ports or lines on a computer, for example
QD	Quantity Delivered
TO	Total

QTY02	380	Quantity	X	R 1/15	M
		Numeric value of quantity			
QTY03	C001	Composite Unit of Measure	O		O
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			

DoD/Federal IC Notes:

Refer to code list provided in the QTY segment in Table 2 position 90.

03	Seconds
12	Packet
1X	Quarter Mile
4L	Megabyte Unit of computer storage capacity
AD	Bytes
	A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
AH	Additional Minutes The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service
AI	Average Minutes Per Call The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details
AL	Access Lines Number of lines subject to Carrier Access Line Charges

AN	Minutes or Messages Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges
C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
F3	Equivalent Weight of a substance which combines with or replaces one gram atomic weight of hydrogen
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted

QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

Segment: **SI** Service Characteristic Identification
Position: 520
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify service characteristic data
Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '8'.
2. See OBF Section 10.4 for valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **NM1** Individual or Organizational Name
Position: 530
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the NM1 segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
NM101	98	Entity Identifier Code	M ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual		
		DoD/Federal IC Notes:		
		'SJ' and '9D' are the only valid codes at HL1 (Service Provider Level).		
		9D New Service Provider		
		AG Agent/Agency		
		AK Party to Whom Acknowledgment Should Be Sent		
		AO Account Of		
		BS Bill and Ship To		
		C3 Circuit Location Identifier		
		Identifies the address information as that which is assigned to a circuit location address		
		CA Carrier		
		CT Country of Origin		
		EN End User		
		GP Gateway Provider		
		Identifies a gateway access provider		
		IA Installed At		
		P9 Primary Interexchange Carrier (PIC)		
		Identifies the carrier who will handle the interexchange calls		
		PE Payee		
		PM Party to receive paper Memo of Invoice		
		PR Payer		
		RI Remit To		
		RL Reporting Location		
		SE Selling Party		
		SJ Service Provider		
		Identifies name and address information as pertaining to a service provider for which billing is being rendered		
NM102	1065	Entity Type Qualifier	M ID 1/1	M
		Code qualifying the type of entity		
		1 Person		
		2 Non-Person Entity		

- 3 Unknown
- 4 Corporation
- 5 Trust
- 6 Organization
- 7 Limited Liability Corporation
- 8 Partnership
- 9 S Corporation
- C Custodial
- D Non-Profit Organization
- E Sole Proprietorship
- G Government
- L Limited Partnership

NM103	1035	Name Last or Organization Name	O	AN 1/35	O
		Individual last name or organizational name			
NM104	1036	Name First	O	AN 1/25	O
		Individual first name			
NM105	1037	Name Middle	O	AN 1/25	O
		Individual middle name or initial			
NM106	1038	Name Prefix	O	AN 1/10	O
		Prefix to individual name			
NM107	1039	Name Suffix	O	AN 1/10	O
		Suffix to individual name			
NM108	66	Identification Code Qualifier	X	ID 1/2	O

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

DoD/Federal IC Notes:

Code values '41', '42' and '91' are the only valid values at HL1 (Service Provider Level).

- 1 D-U-N-S Number, Dun & Bradstreet
- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
- 10 Department of Defense Activity Address Code (DODAAC)
- 33 Commercial and Government Entity (CAGE)
- 40 Electronic Mail User Code
- Identifies the Electronic Mail User locally defined and maintained between trading partners
- 41 Telecommunications Carrier Identification Code
- Identifies the Interexchange carrier for the charges being billed
- 42 Telecommunications Pseudo Carrier Identification Code
- A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers
- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent
- ZY Temporary Identification Number
- A temporary ID to be used until a permanent ID is processed

NM109	67	Identification Code	X	AN 2/80	O
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Code identifying a party or other code

DoD/Federal IC Notes:

If N103 = '41' use CIC code list maintained by Lockheed Martin. If N103 = '42' use Pseudo-CIC list provided in OBF Section 10.4.

If NM108 = '42' use CIC code list maintained by Lockheed Martin. If NM108 = '41' use Pseudo-CIC list provided in OBF Section 10.4.

Segment: **N2 Additional Name Information**
Position: 540
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the N2 segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N201	93	Name Free-form name	M AN 1/60	M
N202	93	Name Free-form name	O AN 1/60	O

Segment: **N3** Address Information
Position: 550
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the N3 segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N301	166	Address Information Address information	M AN 1/55	M
N302	166	Address Information Address information	O AN 1/55	O

Segment: **N4 Geographic Location**
Position: 560
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the N4 segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30	O
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	O
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15	O
N404	26	Country Code Code identifying the country	O ID 2/3	O
N405	309	Location Qualifier Code identifying type of location AC City and State AR Armed Services Location Designation CC Country CI City SP State/Province	X ID 1/2	O
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30	O

Segment: **REF** Reference Identification
Position: 570
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: 8
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: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the REF segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
		1J Facility ID Number		
		4L Location-specific Services Reference Number		
		6R Provider Control Number Number assigned by information provider company for tracking and billing purposes		
		7I Subscriber Authorization Number		
		8M Originating Company Identifier		
		8N Receiving Company Identifier		
		AAO Carrier Assigned Code		
		BF Billing Center Identification		
		BLT Billing Type		
		LJ Local Jurisdiction		
		LU Location Number		
		P4 Project Code		
		RO Repetitive Booking Number		
		SU Special Processing Code Unique code identifying the special handling requirements for the claim		
		V0 Version		
		YN Receiver ID Qualifier		
		ZH Carrier Assigned Reference Number		
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	O
REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	O
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	O
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M

C04002	127	Reference Identification	M	AN 1/30	M
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04003	128	Reference Identification Qualifier	X	ID 2/3	O
		Code qualifying the Reference Identification			
C04004	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment: **PER** Administrative Communications Contact
Position: 580
Loop: NM1 Optional
Level: Detail
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:

DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the PER segment is optional when HL03 is "8".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	Contact Function Code	M ID 2/2	M
		Code identifying the major duty or responsibility of the person or group named		
		AD Accounting Department		
		AR Accounts Receivable Department		
		BD Buyer Name or Department		
		BI Bill Inquiry Contact		
		Service Provider contact for making inquires about information on the invoice		
		CC Computer Systems Contact		
		DA Directory Advertising Contact		
		Service Provider contact for questions about, and changes to, directory advertising		
		IC Information Contact		
		MA Maintenance Contact		
		Service Provider contact for requesting service maintenance, or reporting problems		
		OC Order Contact		
		OD Order Department		
		PM Product Manager		
		QA Quality Assurance Contact		
		SR Sales Representative or Department		
		TR Technical Marketing Representative		
PER02	93	Name	O AN 1/60	O
		Free-form name		
PER03	365	Communication Number Qualifier	X ID 2/2	O
		Code identifying the type of communication number		
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		DoD/Federal IC Notes:		
		This code is to be used only within the federal government.		
		EM Electronic Mail		
		FX Facsimile		

		TE	Telephone			
		UR	Uniform Resource Locator (URL)			
PER04	364	Communication Number		X	AN 1/80	O
		Complete communications number including country or area code when applicable				
PER05	365	Communication Number Qualifier		X	ID 2/2	O
		Code identifying the type of communication number				
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
			DoD/Federal IC Notes:			
			This code is to be used only within the federal government.			
		EM	Electronic Mail			
		FX	Facsimile			
		TE	Telephone			
PER06	364	Communication Number		X	AN 1/80	O
		Complete communications number including country or area code when applicable				

Segment: **TCD** Itemized Call Detail

Position: 590

Loop: TCD Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify detail information for itemized calls

Syntax Notes:

- 1 If either TCD04 or TCD05 is present, then the other is required.
- 2 If either TCD07 or TCD08 is present, then the other is required.

Semantic Notes:

- 1 TCD12 is an undiscounted amount.
- 2 TCD13 is a net amount after the discount has been applied to the amount in TCD12.
- 3 TCD14 is an undiscounted amount.
- 4 TCD15 is a net amount after the discount has been applied to the amount in TCD14.
- 5 TCD16 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

- 1 TCD01 is the detail information.
- 2 TCD02 is the date of the call.
- 3 TCD03 is the connect time of the call.
- 4 TCD04, TCD05, and TCD06 are the 'to' location of the call.
- 5 TCD07, TCD08, and TCD09 are the 'from' location of the call.
- 6 TCD10 and TCD11 are the total duration of the call. TCD10 is the time measured in minutes or minutes and tenths of minutes. TCD11 is time measured in seconds or seconds and tenths of seconds.

Notes: **DoD/Federal IC Notes**

1. The TCD loop may only appear at the line detail level.
2. When submitting the 811 to any federal agency, use of a minimum of TCD or USD or both is required when HL03 is "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
TCD01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20	O
TCD02	373	Date Date expressed as CCYYMMDD	O DT 8/8	O
TCD03	337	Time 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) DoD/Federal IC Notes: Connect time of call.	O TM 4/8	O
TCD04	309	Location Qualifier Code identifying type of location DoD/Federal IC Notes: Code identifying the type of "TO" location provided in TCD05 and TCD06. A value of "ZZ" indicates any point of origination/termination or service for a call that cannot be qualified by traditional geographic qualifiers (i.e., City or Country). The point of origination/termination or service that this code qualifies could be the name of an aircraft, vessel, vehicle, or service where a call originated/terminated or the service was provided.	X ID 1/2	O
		AC City and State		
		CC Country		

		CI	City			
		SP	State/Province			
		ZZ	Mutually Defined			
TCD05	310	Location Identifier		X	AN 1/30	O
		Code which identifies a specific location				
TCD06	156	State or Province Code		O	ID 2/2	O
		Code (Standard State/Province) as defined by appropriate government agency				
TCD07	309	Location Qualifier		X	ID 1/2	O
		Code identifying type of location				
		DoD/Federal IC Notes:				
		Code identifying the type of "FROM" location provided in TCD08 and TCD09.				
		A value of "ZZ" indicates any point of origination/termination or service for a call that cannot be qualified by traditional geographic qualifiers (i.e., City or Country).				
		The point of origination/termination or service that this code qualifies could be the name of an aircraft, vessel, vehicle, or service where a call originated/terminated or the service was provided.				
		AC	City and State			
		CC	Country			
		CI	City			
		SP	State/Province			
		ZZ	Mutually Defined			
TCD08	310	Location Identifier		X	AN 1/30	O
		Code which identifies a specific location				
TCD09	156	State or Province Code		O	ID 2/2	O
		Code (Standard State/Province) as defined by appropriate government agency				
TCD10	739	Measurement Value		O	R 1/20	O
		The value of the measurement				
		DoD/Federal IC Notes:				
		Duration of call measured in minutes and tenths of minutes.				
TCD11	739	Measurement Value		O	R 1/20	O
		The value of the measurement				
		DoD/Federal IC Notes:				
		Duration of call measured in seconds and tenths of seconds.				
TCD12	782	Monetary Amount		O	R 1/18	O
		Monetary amount				
		DoD/Federal IC Notes:				
		Undiscounted amount.				
TCD13	782	Monetary Amount		O	R 1/18	O
		Monetary amount				
		DoD/Federal IC Notes:				
		Net amount after a discount has been applied to the amount in TCD12.				
TCD14	782	Monetary Amount		O	R 1/18	O
		Monetary amount				
		DoD/Federal IC Notes:				
		Undiscounted amount.				
TCD15	782	Monetary Amount		O	R 1/18	O
		Monetary amount				
		DoD/Federal IC Notes:				
		Net amount after a discount has been applied to the amount in TCD14.				
TCD16	662	Relationship Code		O	ID 1/1	O
		Code indicating the relationship between entities				

A Add
D Delete
I Included
O Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Segment: **SI Service Characteristic Identification**

Position: 600

Loop: TCD Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '9'.
2. See OBF Section 10.4 for valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **TXI** Tax Information
Position: 610
Loop: TCD Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify tax information
Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: DoD/Federal IC Notes

When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "9".

For iRAPT

When contained in HL Loops 1-7 and TXI07 = "A", data from the TXI segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS does not utilize the TXI Segment.

One Pay allows three tax Segments per Invoice and is optional.

CAPS-C/W allows a total of 10 taxes per Invoice and is optional.

IAPS-E and Navy ERP allow taxes; each value may be entered only once and is optional.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Tax Type Code</u>	<u>Attributes</u>	<u>Attributes</u>
TXI01	963		M ID 2/2	M
		Code specifying the type of tax		
		DoD/Federal IC Notes:		
		Use any code. The following codes are preferred:		
		CA City Tax		
		FD Federal Tax		
		FI Federal Income Tax Withholding		
		FR Franchise Tax		
		FT Federal Excise Tax		
		GR Gross Receipts Tax		
		LS State and Local Sales Tax		
		MP Municipal Tax		
		OT Occupational Tax		
		PS State or Provincial Tax on Services		
		SA State or Provincial Fuel Tax		
		SC School Tax		
		SE State Excise Tax		
		TD Telecommunications Device for the Deaf (TDD) Service Excise Tax		
		UL License Tax		
		ZE 911-Tax		
		AA Stadium Tax		
		AB Surtax		
		AT Assessment		
		BP Business Privilege Tax		

	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian reservation
CA	City Tax Service Tax imposed by City
CB	Threshold Tax
CG	Federal Value-added Tax (GST) on Goods
CI	City Rental Tax Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party
CP	County/Parish Sales Tax
CR	County Rental Tax Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party
CS	City Sales Tax
CT	County Tax
CV	Federal Value-added Tax (GST) on Services
DL	Default Labor Tax
EQ	Equipment Tax
ET	Energy Tax Tax applied to the utility and petroleum industries
EV	Environmental Tax
F1	FICA Tax
F2	FICA Medicare Tax
F3	FICA Social Security Tax
FD	Federal Tax Usage tax imposed by federal (US and Canadian) government
FF	Fuel Super Fund Tax
FI	Federal Income Tax Withholding
FL	Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)
FR	Franchise Tax Tax imposed by municipality for the right to provide service
FS	Fuel Spill Tax
FT	Federal Excise Tax
GR	Gross Receipts Tax
GS	Goods and Services Tax Canadian value-added tax
HS	Public Health and Education Tax Canadian tax levied to fund public care and education
HT	Handicap Tax Tax assessed to assist the handicapped
HZ	Hazardous Waste Tax
LB	Labor By Trade Tax
LO	Local Tax (Not Sales Tax) Service tax imposed on a local level
LS	State and Local Sales Tax
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
LU	Leaky Underground Storage Tank (LUST) Tax (federal) Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks
LV	Leaky Underground Storage Tank (LUST) Tax (state) Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks

MA	Material Tax
MN	Minimum Tax
MP	Municipal Tax Service tax imposed by a municipality
MS	Miscellaneous State Tax
MT	Metropolitan Transit Tax
OH	Other Taxes
OT	Occupational Tax Tax imposed on telecommunication companies for the right to provide service
PG	State or Provincial Tax on Goods
PS	State or Provincial Tax on Services
SA	State or Provincial Fuel Tax
SB	Secondary Percentage Tax
SC	School Tax Tax collection by taxing authority for schools
SE	State Excise Tax Usage tax imposed by state of provincial government
SF	Superfund Tax Superfund is a U.S. government fund created for the clean up or eradication of sites at which toxic waste, hazardous to the environment, has been dumped
SL	State and Local Tax State and Local tax funds, exclusive of State and Local Sales tax
SP	State/Provincial Tax State tax levied which excludes sales or excise taxes
SR	State Rental Tax Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party
SS	State Tax on Specific Labor
ST	State Sales Tax
SU	Sales and Use Tax Tax on Equipment and Service provided
SX	Enhanced 911 - State Excise Tax A tax imposed to pay for enhanced 911 services such as automatic call identification
T1	Pre-threshold Tax
T2	Post Threshold Tax
TD	Telecommunications Device for the Deaf (TDD) Service Excise Tax Tax imposed to recover the cost of providing TDD equipment
TT	Telecommunications Tax Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)
TX	All Taxes Total of all applicable taxes
UL	License Tax Tax used to report the amount of license tax which is passed to the consumer
UT	Utility Users' Tax City or county tax for natural gas usage that is imposed upon customers
VA	Value Added Tax
WS	Well Service
ZA	911-City Tax Tax levied to recover the cost of providing 911 emergency services within a city

		ZB	911-County Tax Tax levied to recover the cost of providing 911 emergency service within a county			
		ZC	911-Excise Tax Usage tax imposed to recover the cost of 911 service			
		ZD	911-State Tax Tax levied to recover the cost of providing 911 emergency service within a State			
		ZE	911-Tax Tax to recover the cost of 911 service			
		ZZ	Mutually Defined			
TXI02	782	Monetary Amount		X	R 1/18	O
		Monetary amount				
		For iRAPT:				
		TXI02 is Mandatory when TXI07 = "A".				
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.				
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.				
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:				
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.				
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),				
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.				
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.				
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.				
TXI03	954	Percent		X	R 1/10	O
		Percentage expressed as a decimal				
		DoD/Federal IC Notes:				
		Tax rate for this jurisdiction.				
TXI04	955	Tax Jurisdiction Code Qualifier		X	ID 2/2	O
		Code identifying the source of the data used in tax jurisdiction code				
		CD Customer defined				
		VD Vendor defined				
		VE Vertex				
TXI05	956	Tax Jurisdiction Code		X	AN 1/10	O
		Code identifying the taxing jurisdiction				
TXI06	441	Tax Exempt Code		X	ID 1/1	O
		Code identifying exemption status from sales and use tax				
		1 Yes (Tax Exempt)				
		2 No (Not Tax Exempt)				
TXI07	662	Relationship Code		O	ID 1/1	O
		Code indicating the relationship between entities				
		A Add				
		D Delete				

I Included

O Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

TXI08	828	Dollar Basis For Percent	O	R 1/9	O
		Dollar basis to be used in the percent calculation of the allowance, charge or tax			
TXI09	325	Tax Identification Number	O	AN 1/20	O
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number			
TXI10	350	Assigned Identification	O	AN 1/20	O
		Alphanumeric characters assigned for differentiation within a transaction set			

Segment: **ITA** Allowance, Charge or Service
Position: 615
Loop: TCD Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify allowances, charges, or services
Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If either ITA10 or ITA11 is present, then the other is required.
- 4 If ITA15 is present, then ITA02 is required.
- 5 If ITA17 is present, then ITA12 is required.

Semantic Notes:

- 1 ITA09 is the allowance or charge percent.
- 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 3 ITA12 is the quantity of free goods.

Comments:

- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA13 is used to clarify the allowance, charge, or service.
- 5 ITA15 specifies the individual code list of the agency specified in ITA02.
- 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the ITA segment is optional when HL03 is "9".

For iRAPT

When contained in HL Loops 1-7 and ITA16 = "A", data from the ITA segment will be displayed on the iRAPT document. Otherwise, data from this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

iRAPT Edits

MOCAS: Optional and only allows for TTB or PST in ITA14.

One Pay: Optional and allows any valid miscellaneous fee, yet only allows for three fees and allowances per Invoice.

CAPS-C/W: Optional and allows TTB in ITA14 when ITA01 = "C" for miscellaneous charge. Any ITA14 allowance code may be entered for miscellaneous allowances (ITA01 = "A"), up to 11 maximum.

IAPS-E: Charge code PRB is not allowed in ITA14.

Navy ERP: Allows all codes in ITA14 except TTB.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITA01	248	Allowance or Charge Indicator	M ID 1/1	M
		Code which indicates an allowance or charge for the service specified		
		A Allowance		
		C Charge		
		N No Allowance or Charge		
ITA02	559	Agency Qualifier Code	X ID 2/2	O
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		

ITA03	560	Special Services Code	X	ID 2/10	O
		Code identifying the special service			
		DoD/Federal IC Notes:			
		See OBF Section 10.4 for a list of valid values.			
ITA04	331	Allowance or Charge Method of Handling Code	M	ID 2/2	M
		Code indicating method of handling for an allowance or charge			
		04 Credit Customer Account			
		06 Charge to be Paid by Customer			
		ZZ Mutually Defined			
ITA05	341	Allowance or Charge Number	O	AN 1/16	O
		The number assigned by a vendor referencing an allowance, promotion, deal or charge			
ITA06	359	Allowance or Charge Rate	O	R 1/15	Not Used
ITA07	360	Allowance or Charge Total Amount	O	N2 1/15	O
		Total dollar amount for the allowance or charge			
		For iRAPT:			
		ITA07 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".			
		When entering an Allowance (ITA01= A), enter a negative value in ITA07 in order for the amount to be deducted from the document total.			
		Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.			
		Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.			
		Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:			
		- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.			
		- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),			
		- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.			
		- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.			
		- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.			
ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1	O
		Code indicating on what basis allowance or charge percent is calculated			
		9 Late Payment Charge Base Amount			
		Amount outstanding after the past due date, and subject to a late payment charge			
ITA09	332	Percent	X	R 1/6	O
		Percent expressed as a percent			
ITA10	380	Quantity	X	R 1/15	O
		Numeric value of quantity			
ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2	O
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		03 Seconds			
		12 Packet			
		1X Quarter Mile			

AD	Bytes A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
AH	Additional Minutes The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service
AI	Average Minutes Per Call The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details
AL	Access Lines Number of lines subject to Carrier Access Line Charges
AN	Minutes or Messages Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges
C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried

NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

ITA12	380	Quantity	X	R 1/15	Not Used
ITA13	352	Description	X	AN 1/80	O
ITA14	150	Special Charge or Allowance Code	X	ID 3/3	O

Code identifying type of special charge or allowance

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

For iRAPT:

ITA14 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".

WAWF will only accept additive allowance and charges on the EDI 811 where the type code in the ITA14 can be mapped to a type code in the SAC02 in the 810 extract (see below). All other codes, if additive, will be rejected with an error message.

Charges (ITA01 = "C"):
CAS Container Deposits
CMI Continuous Mileage
INS Insurance
QAB Overrun Charge
PST Postage

QAA Quantity Surcharge
 TTB Transportation-Direct Billing

Allowances (ITA01 = "A"):
 CBW Container Allowance
 DAM Damaged Merchandise
 DSC Discount
 PAI Promotional Discount
 QQA Quantity Discount
 TD Trade Discount
 TAJ Trade In

Charge or Allowance (ITA01 = "A" or "C"):
 999 Other
 PAF Price Deviation
 PRB Prior Balance

ITA15	822	Source Subqualifier	O	AN 1/15	Not Used
ITA16	662	Relationship Code	O	ID 1/1	O

Code indicating the relationship between entities

- A Add
- D Delete
- I Included
- O Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Segment: **QTY** Quantity
Position: 617
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
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:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the QTY loop is optional when HL03 is "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2	M
DoD/Federal IC Notes:				
Refer to code list provided in the QTY segment in Table 2 position 90.				
		01 Discrete Quantity		
		02 Cumulative Quantity		
		27 Committed Quantity		
		38 Original Quantity		
		47 Primary Net Quantity		
		7K Time Frame		
		87 Quantity Received		
		8H Minimum		
		90 Acknowledged Quantity		
		Network Recognition for message receipt		
		91 Additional Usage Quantity		
		The amount of usage incurred above the allotted or allowable use for a service		
		92 Allotted Usage Quantity		
		The amount of allowable usage related to a service		
		93 Attendant-Handled Quantity		
		Manual Recognition for message receipt		
		94 Billable Quantity		
		Number of billable units used		
		95 Data Storage Quantity		
		Number of storage units used		
		96 Non-Billable Quantity		
		Number of non-billable units		
		97 Non-Urgent Delivery Quantity		
		Number of units delivered in non-urgent status		
		98 Overflow Quantity		
		Number of overflow messages, (Busy condition count for 800 service)		
		99 Quantity Used		
		Quantity of units used		

AA	Unacknowledged Quantity Message received without network, or attendant recognition
AB	Urgent Delivery Quantity Number of units delivered in urgent status
AC	Voice Storage Quantity Number of voice storage units used
AD	Maintenance Units Number of units of maintenance provided
AE	Minimum Average Time Requirement (MATR) Units Number of units calculated at a minimum usage rating basis, such as X minutes per message
AF	Wide Area Telephone Service (WATS)/800 Service Units Number of units of usage, for WATS or 800 service
AG	Number of End Users Number of participating users
AH	Number of Message Recipients Number of recipients
AI	Number of Operator Credits Number of operator credits given
AJ	Daily Adjustments
D1	Billed
M2	Maximum
NS	Number of Stations Number of stations, or terminating points, which are in use, deleted, added, etc. for service delivery; ports or lines on a computer, for example
QD	Quantity Delivered
TO	Total

QTY02	380	Quantity	X	R 1/15	M
		Numeric value of quantity			
QTY03	C001	Composite Unit of Measure	O		O
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			

DoD/Federal IC Notes:

Refer to code list provided in the QTY segment in Table 2 position 90.

03	Seconds
12	Packet
1X	Quarter Mile
4L	Megabyte Unit of computer storage capacity
AD	Bytes
	A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
AH	Additional Minutes The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service
AI	Average Minutes Per Call The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details
AL	Access Lines Number of lines subject to Carrier Access Line Charges

AN	Minutes or Messages Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges
C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
F3	Equivalent Weight of a substance which combines with or replaces one gram atomic weight of hydrogen
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted

QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

Segment: **SI Service Characteristic Identification**

Position: 618

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '9'.
2. See OBF Section 10.4 for valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **USD** Usage-Sensitive Detail
Position: 620
Loop: USD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify usage-sensitive details which qualify for discounts or are subject to special rates

- Syntax Notes:**
- 1 Only one of USD03 or USD04 may be present.
 - 2 If USD03 is present, then at least one of USD06 USD07 or USD08 is required.
 - 3 If USD04 is present, then at least one of USD08 or USD09 is required.
 - 4 If either USD05 or USD06 is present, then the other is required.
 - 5 If USD07 is present, then both USD05 and USD06 are required.
 - 6 If USD10 is present, then at least one of USD11 or USD12 is required.
 - 7 If USD11 is present, then USD10 is required.
 - 8 If USD12 is present, then USD10 is required.

- Semantic Notes:**
- 1 USD01 is a code indicating the relationship of the price or amount to the associated segment.
 - 2 USD03 is the allowance or charge rate per unit.
 - 3 USD04 is the discount percentage.
 - 4 USD06 is the quantity of usage.
 - 5 USD07 is a quantity of usage different than the quantity in USD06. When USD07 is present, it is used in conjunction with USD06, and then the rate USD03 is applied.
 - 6 USD09 is the total amount of terms discount.

- Comments:**
- 1 If both USD03 and USD08 are present, then USD08 takes precedence.
 - 2 If USD11 is present and USD12 is not present, then the range is open ended.
 - 3 If USD12 is present and USD11 is not present, then the minimum is zero.

Notes: DoD/Federal IC Notes

1. The USD loop may only appear at the line detail level.
2. When submitting the 811 to any federal agency, use of a minimum of USD or TCD or both is required when HL03 is "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
USD01	662	Relationship Code Code indicating the relationship between entities A Add D Delete I Included O Information Only Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)	M ID 1/1	M
USD02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20	O
USD03	118	Rate Rate expressed in the standard monetary denomination for the currency specified DoD/Federal IC Notes: If both USD03 and USD08 are present, then USD08 takes precedence.	X R 1/9	O
USD04	954	Percent Percentage expressed as a decimal DoD/Federal IC Notes: Discount Percentage.	X R 1/10	O

USD05 C001 Composite Unit of Measure X O
 To identify a composite unit of measure (See Figures Appendix for examples of use)
DoD/Federal IC Notes:

For examples of composite data elements, see Figures Appendix in X12 Standards.

C00101 355 Unit or Basis for Measurement Code M ID 2/2 M

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

03	Seconds
12	Packet
1X	Quarter Mile
AD	Bytes
	A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
AH	Additional Minutes
	The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service
AL	Access Lines
	Number of lines subject to Carrier Access Line Charges
C0	Calls
	Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records
	Number of Data Records handled
DY	Directory Books
	Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes
	Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet
	A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic
	Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters
	Kilocharacters of data transmitted
KF	Kilopackets
	Kilopackets of data transmitted
KJ	Kilosegments
	Kilosegments of data transmitted
M0	Magnetic Tapes
	Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages

			Number of Messages transmitted, or delivered			
	NH		Message Hours			
			Number of hours used, calculated at some rate basis such as Minutes/message carried			
	NJ		Number of Screens			
			Number of data screens handled, or transmitted			
	OT		Overtime Hours			
	P0		Pages - Electronic			
			Number of electronic pages of data delivered			
	P1		Percent			
	QA		Pages - Facsimile			
			Number of FAX pages transmitted			
	QB		Pages - Hardcopy			
			Number of printed pages delivered			
	QH		Quarter Hours			
			Number of 15 minute increments of usage handled			
	RS		Resets			
			Number of times a transmission is reset due to line drop, interrupt, etc.			
	S6		Sessions			
			Number of interactive sessions handled			
	S7		Storage Units			
			Number of storage increments used			
	SG		Segment			
	T0		Telecommunications Lines in Service			
			Snapshot sample of lines in service			
	UB		Telecommunications Lines in Service - Average			
			Average number of lines in service specific to equal access requirements			
	UC		Telecommunications Ports			
			Number of network access ports			
	UD		Tenth Minutes			
			Number of 6 second increments of usage			
	UE		Tenth Hours			
			Number of 6 minute increments of usage			
	UF		Usage per Telecommunications Line - Average			
	UN		Unit			
	ZZ		Mutually Defined			
USD06	380	Quantity		X	R 1/15	O
			Numeric value of quantity			
USD07	380	Quantity		X	R 1/15	O
			Numeric value of quantity			
		DoD/Federal IC Notes:				
			1. A quantity of usage different from the quantity of usage in USD06.			
			2. When USD07 is present, it is used in conjunction with USD06 and then the rate in USD03 is applied.			
USD08	782	Monetary Amount		X	R 1/18	O
			Monetary amount			
USD09	610	Amount		X	N2 1/15	O
			Monetary amount			
USD10	C001	Composite Unit of Measure		X		O
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
		DoD/Federal IC Notes:				

For examples of composite data elements, see Figures Appendix in X12 Standards.

C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		DoD/Federal IC Notes:			
		See USD05 for code list.			
USD11	740	Range Minimum	X	R 1/20	O
		The value specifying the minimum of the measurement range			
		DoD/Federal IC Notes:			
		If USD11 is present and USD12 is not present, then the range is open-ended.			
USD12	741	Range Maximum	X	R 1/20	O
		The value specifying the maximum of the measurement range			
		DoD/Federal IC Notes:			
		If USD12 is present and USD11 is not present, the minimum is zero.			

Segment: **SI** Service Characteristic Identification
Position: 625
Loop: USD Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify service characteristic data
Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values For iRAPT: See OBF Section 10.4 for valid values. Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier	X AN 2/2	O

		Code from an industry code list qualifying the type of service characteristics			
SI13	234	Product/Service ID	X	AN 1/48	O
		Identifying number for a product or service			
SI14	1000	Service Characteristics Qualifier	X	AN 2/2	O
		Code from an industry code list qualifying the type of service characteristics			
SI15	234	Product/Service ID	X	AN 1/48	O
		Identifying number for a product or service			
SI16	1000	Service Characteristics Qualifier	X	AN 2/2	O
		Code from an industry code list qualifying the type of service characteristics			
SI17	234	Product/Service ID	X	AN 1/48	O
		Identifying number for a product or service			
SI18	1000	Service Characteristics Qualifier	X	AN 2/2	O
		Code from an industry code list qualifying the type of service characteristics			
SI19	234	Product/Service ID	X	AN 1/48	O
		Identifying number for a product or service			
SI20	1000	Service Characteristics Qualifier	X	AN 2/2	O
		Code from an industry code list qualifying the type of service characteristics			
SI21	234	Product/Service ID	X	AN 1/48	O
		Identifying number for a product or service			

Segment: **ITA** Allowance, Charge or Service

Position: 630

Loop: USD Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify allowances, charges, or services

Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If either ITA10 or ITA11 is present, then the other is required.
- 4 If ITA15 is present, then ITA02 is required.
- 5 If ITA17 is present, then ITA12 is required.

Semantic Notes:

- 1 ITA09 is the allowance or charge percent.
- 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 3 ITA12 is the quantity of free goods.

Comments:

- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA13 is used to clarify the allowance, charge, or service.
- 5 ITA15 specifies the individual code list of the agency specified in ITA02.
- 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the ITA segment is optional when HL03 is "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1	M
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	X ID 2/2	O
ITA03	560	Special Services Code Code identifying the special service DoD/Federal IC Notes: See OBF Section 10.4 for a list of valid values.	X ID 2/10	O
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 04 Credit Customer Account 06 Charge to be Paid by Customer ZZ Mutually Defined	M ID 2/2	M
ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16	O
ITA06	359	Allowance or Charge Rate	O R 1/15	Not Used

ITA07	360	Allowance or Charge Total Amount	O	N2 1/15	O
Total dollar amount for the allowance or charge					
For iRAPT:					
ITA07 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".					
Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.					
Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.					
Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:					
- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.					
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),					
- The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.					
- The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.					
- If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.					
ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1	O
Code indicating on what basis allowance or charge percent is calculated					
9 Late Payment Charge Base Amount					
Amount outstanding after the past due date, and subject to a late payment charge					
ITA09	332	Percent	X	R 1/6	O
Percent expressed as a percent					
ITA10	380	Quantity	X	R 1/15	O
Numeric value of quantity					
ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2	O
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
03 Seconds					
12 Packet					
1X Quarter Mile					
AD Bytes					
A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit					
AH Additional Minutes					
The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service					
AI Average Minutes Per Call					
The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details					
AL Access Lines					
Number of lines subject to Carrier Access Line Charges					
AN Minutes or Messages					
Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges					

C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.

		S6	Sessions			
			Number of interactive sessions handled			
		S7	Storage Units			
			Number of storage increments used			
		SG	Segment			
		T0	Telecommunications Lines in Service			
			Snapshot sample of lines in service			
		UB	Telecommunications Lines in Service - Average			
			Average number of lines in service specific to equal access requirements			
		UC	Telecommunications Ports			
			Number of network access ports			
		UD	Tenth Minutes			
			Number of 6 second increments of usage			
		UE	Tenth Hours			
			Number of 6 minute increments of usage			
		UF	Usage per Telecommunications Line - Average			
		UN	Unit			
		ZZ	Mutually Defined			
ITA12	380	Quantity		X	R 1/15	Not Used
ITA13	352	Description		X	AN 1/80	O
			A free-form description to clarify the related data elements and their content			
ITA14	150	Special Charge or Allowance Code		X	ID 3/3	O
			Code identifying type of special charge or allowance			

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

For iRAPT:

ITA14 is Mandatory when ITA16 = "A" and ITA01 = "A" or "C".

WAWF will only accept additive allowance and charges on the EDI 811 where the type code in the ITA14 can be mapped to a type code in the SAC02 in the 810 extract (see below). All other codes, if additive, will be rejected with an error message.

Charges (ITA01 = "C"):

CAS Container Deposits
CMI Continuous Mileage
INS Insurance
QAB Overrun Charge
PST Postage
QAA Quantity Surcharge
TTB Transportation-Direct Billing

Allowances (ITA01 = "A"):

CBW Container Allowance
DAM Damaged Merchandise
DSC Discount
PAI Promotional Discount
QQA Quantity Discount
TD Trade Discount
TAJ Trade In

Charge or Allowance (ITA01 = "A" or "C"):

999 Other
PAF Price Deviation
PRB Prior Balance

ITA15	822	Source Subqualifier	O AN 1/15	Not Used
ITA16	662	Relationship Code	O ID 1/1	O

Code indicating the relationship between entities

A	Add
D	Delete
I	Included
O	Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Segment: **TRF** Rating Factors
Position: 640
Loop: USD Optional
Level: Detail
Usage: Optional
Max Use: 18
Purpose: To specify rating information used to calculate usage-sensitive charges
Syntax Notes:
Semantic Notes:
Comments:

- 1 TRF01 defines the rating basis (e.g., acknowledged calls, minimum period, etc.) for the segment.
- 2 TRF02 and TRF03 define equivalent units per standard unit.
- 3 TRF04 and TRF05 define the standard unit.

Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the TRF segment is optional when HL03 is "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
TRF01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2	M
		DoD/Federal IC Notes: Code specifying the rating basis (e.g., acknowledged calls, minimum period, etc.) for the segment.		
		01 Discrete Quantity		
		02 Cumulative Quantity		
		27 Committed Quantity		
		38 Original Quantity		
		47 Primary Net Quantity		
		90 Acknowledged Quantity Network Recognition for message receipt		
		91 Additional Usage Quantity The amount of usage incurred above the allotted or allowable use for a service		
		92 Allotted Usage Quantity The amount of allowable usage related to a service		
		93 Attendant-Handled Quantity Manual Recognition for message receipt		
		94 Billable Quantity Number of billable units used		
		95 Data Storage Quantity Number of storage units used		
		96 Non-Billable Quantity Number of non-billable units		
		97 Non-Urgent Delivery Quantity Number of units delivered in non-urgent status		
		98 Overflow Quantity Number of overflow messages, (Busy condition count for 800 service)		
		99 Quantity Used Quantity of units used		
		AA Unacknowledged Quantity		

			Message received without network, or attendant recognition		
		AB	Urgent Delivery Quantity		
			Number of units delivered in urgent status		
		AC	Voice Storage Quantity		
			Number of voice storage units used		
		AD	Maintenance Units		
			Number of units of maintenance provided		
		AE	Minimum Average Time Requirement (MATR) Units		
			Number of units calculated at a minimum usage rating basis, such as X minutes per message		
		AF	Wide Area Telephone Service (WATS)/800 Service Units		
			Number of units of usage, for WATS or 800 service		
		AG	Number of End Users		
			Number of participating users		
		AH	Number of Message Recipients		
			Number of recipients		
		AI	Number of Operator Credits		
			Number of operator credits given		
		AJ	Daily Adjustments		
		NS	Number of Stations		
			Number of stations, or terminating points, which are in use, deleted, added, etc. for service delivery; ports or lines on a computer, for example		
TRF02	C001	Composite Unit of Measure		M	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
C00101	355	Unit or Basis for Measurement Code		M	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		DoD/Federal IC Notes:			
		Equivalent units per standard unit.			
		03	Seconds		
		12	Packet		
		1X	Quarter Mile		
		AD	Bytes		
			A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit		
		AH	Additional Minutes		
			The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service		
		AL	Access Lines		
			Number of lines subject to Carrier Access Line Charges		
		C0	Calls		
			Number of calls handled		
		DA	Days		
		DC	Disk (Disc)		
		DH	Miles		
		DK	Kilometers		
		DQ	Data Records		
			Number of Data Records handled		
		DY	Directory Books		
			Number of directory books delivered to customer		
		EA	Each		
		EB	Electronic Mail Boxes		

	Number of Electronic Mail Boxes established for an account
EV	Envelope
G7	Microfiche Sheet
	A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic
	Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters
	Kilocharacters of data transmitted
KF	Kilopackets
	Kilopackets of data transmitted
KJ	Kilosegments
	Kilosegments of data transmitted
M0	Magnetic Tapes
	Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages
	Number of Messages transmitted, or delivered
NH	Message Hours
	Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens
	Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic
	Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile
	Number of FAX pages transmitted
QB	Pages - Hardcopy
	Number of printed pages delivered
QH	Quarter Hours
	Number of 15 minute increments of usage handled
RS	Resets
	Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions
	Number of interactive sessions handled
S7	Storage Units
	Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service
	Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average
	Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports
	Number of network access ports
UD	Tenth Minutes

			Number of 6 second increments of usage			
		UE	Tenth Hours			
			Number of 6 minute increments of usage			
		UF	Usage per Telecommunications Line - Average			
		UN	Unit			
		ZZ	Mutually Defined			
TRF03	380	Quantity		M	R 1/15	M
		Numeric value of quantity				
		DoD/Federal IC Notes:				
		Standard unit.				
TRF04	C001	Composite Unit of Measure		M		M
		To identify a composite unit of measure (See Figures Appendix for examples of use)				
C00101	355	Unit or Basis for Measurement Code		M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		DoD/Federal IC Notes:				
		Equivalent units per standard unit.				
TRF05	380	Quantity		M	R 1/15	M
		Numeric value of quantity				
		DoD/Federal IC Notes:				
		Standard unit.				

Segment: **QTY** Quantity
Position: 650
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
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:
Notes: **DoD/Federal IC Notes**

When submitting the 811 to any federal agency, use of the QTY loop is optional when HL03 is "9".

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2	M
DoD/Federal IC Notes:				
Refer to code list provided in the QTY segment in Table 2 position 90.				
		01 Discrete Quantity		
		02 Cumulative Quantity		
		27 Committed Quantity		
		38 Original Quantity		
		47 Primary Net Quantity		
		7K Time Frame		
		87 Quantity Received		
		8H Minimum		
		90 Acknowledged Quantity		
		Network Recognition for message receipt		
		91 Additional Usage Quantity		
		The amount of usage incurred above the allotted or allowable use for a service		
		92 Allotted Usage Quantity		
		The amount of allowable usage related to a service		
		93 Attendant-Handled Quantity		
		Manual Recognition for message receipt		
		94 Billable Quantity		
		Number of billable units used		
		95 Data Storage Quantity		
		Number of storage units used		
		96 Non-Billable Quantity		
		Number of non-billable units		
		97 Non-Urgent Delivery Quantity		
		Number of units delivered in non-urgent status		
		98 Overflow Quantity		
		Number of overflow messages, (Busy condition count for 800 service)		
		99 Quantity Used		
		Quantity of units used		

AA	Unacknowledged Quantity Message received without network, or attendant recognition
AB	Urgent Delivery Quantity Number of units delivered in urgent status
AC	Voice Storage Quantity Number of voice storage units used
AD	Maintenance Units Number of units of maintenance provided
AE	Minimum Average Time Requirement (MATR) Units Number of units calculated at a minimum usage rating basis, such as X minutes per message
AF	Wide Area Telephone Service (WATS)/800 Service Units Number of units of usage, for WATS or 800 service
AG	Number of End Users Number of participating users
AH	Number of Message Recipients Number of recipients
AI	Number of Operator Credits Number of operator credits given
AJ	Daily Adjustments
D1	Billed
M2	Maximum
NS	Number of Stations Number of stations, or terminating points, which are in use, deleted, added, etc. for service delivery; ports or lines on a computer, for example
QD	Quantity Delivered
TO	Total

QTY02	380	Quantity	X	R 1/15	M
		Numeric value of quantity			
QTY03	C001	Composite Unit of Measure	O		O
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			

DoD/Federal IC Notes:

Refer to code list provided in the QTY segment in Table 2 position 90.

03	Seconds
12	Packet
1X	Quarter Mile
4L	Megabyte Unit of computer storage capacity
AD	Bytes
	A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
AH	Additional Minutes The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service
AI	Average Minutes Per Call The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details
AL	Access Lines Number of lines subject to Carrier Access Line Charges

AN	Minutes or Messages Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges
C0	Calls Number of calls handled
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records Number of Data Records handled
DY	Directory Books Number of directory books delivered to customer
EA	Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
EV	Envelope
F3	Equivalent Weight of a substance which combines with or replaces one gram atomic weight of hydrogen
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted

QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

Segment: **SI Service Characteristic Identification**

Position: 660

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Notes: **DoD/Federal IC Notes**

1. When submitting the 811 to any federal agency, use of the SI segment is optional when HL03 is '9'.
2. See OBF Section 10.4 for valid values when using data element 1000/234 pairs.

For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O

SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

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

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

Comments:

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

Notes: **For iRAPT**

There must be only one instance of TDS per transaction.

The sum of all the Line Item totals cannot exceed the threshold value currently set in the system properties table.

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
 - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
 - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
 - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
TDS01	610	Amount	M N2 1/15	M

Monetary amount

DoD/Federal IC Notes:

The TDS segment (TDS01) contains the segment billed amount derived from the detail for the invoice. It does not contain any billed amounts found in the summary level.

For iRAPT:

The total Amount of the reported must be correct according to the data submitted with the document or the document will be rejected by iRAPT.

Segment: **ITA** Allowance, Charge or Service
Position: 020
Loop: ITA Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify allowances, charges, or services
Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If either ITA10 or ITA11 is present, then the other is required.
- 4 If ITA15 is present, then ITA02 is required.
- 5 If ITA17 is present, then ITA12 is required.

Semantic Notes:

- 1 ITA09 is the allowance or charge percent.
- 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 3 ITA12 is the quantity of free goods.

Comments:

- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA13 is used to clarify the allowance, charge, or service.
- 5 ITA15 specifies the individual code list of the agency specified in ITA02.
- 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Notes: **For iRAPT**

Syntax, Semantic and Comment Notes for the ITA Segment do not apply at the Summary Level.

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1	M
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	X ID 2/2	O
ITA03	560	Special Services Code Code identifying the special service DoD/Federal IC Notes: See OBF Section 10.4 for a list of valid values.	X ID 2/10	O
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 03 Vendor Check to Customer 04 Credit Customer Account 06 Charge to be Paid by Customer ZZ Mutually Defined	M ID 2/2	M
ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16	O
ITA06	359	Allowance or Charge Rate	O R 1/15	Not

				Used
ITA07	360	Allowance or Charge Total Amount	O N2 1/15	O
		Total dollar amount for the allowance or charge		
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1	O
		Code indicating on what basis allowance or charge percent is calculated		
	9	Late Payment Charge Base Amount		
		Amount outstanding after the past due date, and subject to a late payment charge		
ITA09	332	Percent	X R 1/6	O
		Percent expressed as a percent		
ITA10	380	Quantity	X R 1/15	O
		Numeric value of quantity		
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2	O
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
	03	Seconds		
	12	Packet		
	1X	Quarter Mile		
	AD	Bytes		
		A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit		
	AH	Additional Minutes		
		The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service		
	AI	Average Minutes Per Call		
		The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details		
	AL	Access Lines		
		Number of lines subject to Carrier Access Line Charges		
	AN	Minutes or Messages		
		Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges		
	C0	Calls		
		Number of calls handled		
	DA	Days		
	DC	Disk (Disc)		
	DH	Miles		
	DK	Kilometers		
	DQ	Data Records		
		Number of Data Records handled		
	DY	Directory Books		
		Number of directory books delivered to customer		
	EA	Each		
	EB	Electronic Mail Boxes		
		Number of Electronic Mail Boxes established for an account		
	EV	Envelope		
	G7	Microfiche Sheet		
		A film that contains photographed documents greatly reduced in size		
	H1	Half Pages - Electronic		
		Number of electronic half pages of data delivered		
	HR	Hours		

HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled
S7	Storage Units Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports Number of network access ports
UD	Tenth Minutes Number of 6 second increments of usage
UE	Tenth Hours Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

					Used
ITA13	352	Description	X	AN 1/80	O
		A free-form description to clarify the related data elements and their content			
ITA14	150	Special Charge or Allowance Code	X	ID 3/3	O
		Code identifying type of special charge or allowance			
		DoD/Federal IC Notes:			
		See OBF Section 10.4 for a list of valid values.			
ITA15	822	Source Subqualifier	O	AN 1/15	Not Used
ITA16	662	Relationship Code	O	ID 1/1	O
		Code indicating the relationship between entities			
		A	Add		
		D	Delete		
		I	Included		
		O	Information Only		
		Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)			

Segment: **DTM** Date/Time Reference

Position: 030

Loop: ITA Optional

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: **For iRAPT**

Syntax Notes for the DTM Segment do not apply at the Summary Level.

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective 009 Process 050 Received	M ID 3/3	M
DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8	O

Segment: **REF** Reference Identification
Position: 035
Loop: ITA Optional
Level: Summary
Usage: Optional
Max Use: 5
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: **For iRAPT**

Syntax Notes for the REF Segment do not apply at the Summary Level.

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification For iRAPT: See OBF Section 10.4 for valid values. Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3	M
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	O
REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	O
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	O
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
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	M
C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3	O
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	O

Segment: **BAL** Balance Detail
Position: 040
Loop: BAL Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To identify the specific monetary balances associated with a particular account
Syntax Notes:
Semantic Notes:
Comments:
Notes: **For iRAPT**

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Occurs up to four times in the summary area.
 Contains the total amount previously billed.
 Contains the total adjustment amount.
 Contains the total payment amount.
 Contains the total transaction amount.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
BAL01	951	Balance Type Code Code indicating the type of balance A Adjustment M Current Month P Previous Month Balance of previous period charges prior to applying payments and adjustments for the previous period billing	M ID 1/2	M
BAL02	522	Amount Qualifier Code Code to qualify amount 5 Total Invoice Amount 8 Total Monetary Discount Amount BT Bank Reject Total C4 Prior Payment - Actual Amount paid in reality at an earlier time NA Net Adjustment NS Net Savings Amount Amount of dollar saving resulting from the use of service, such as Optional Calling Plans PB Billed Amount Total amount due on the period bill SC Total Service Charge TP Total payment amount TT Total Transaction Amount	M ID 1/3	M
BAL03	782	Monetary Amount Monetary amount	M R 1/18	M

Segment: **DTM** Date/Time Reference

Position: 050
Loop: BAL Optional
Level: Summary
Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		007 Effective		
		009 Process		
		050 Received		
		193 Period Start		
		194 Period End		
		197 End		
		201 Acceptance		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		
		Date on which the cycle begins		
		359 Cycle End		
		Date on which the cycle ends		
		507 Extract		
		Date on which the file was extracted from the database		
		949 Payment Effective		
DTM02	373	Date	X DT 8/8	O
		Date expressed as CCYYMMDD		

Segment: N1 Name
Position: 060
Loop: N1 Optional
Level: Summary
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: **For iRAPT**

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 87 Pay-to Provider AAA Sub-account BY Buying Party (Purchaser) L1 Inspection Location Place where the item was viewed or inspected PE Payee PO Party to Receive Invoice for Goods or Services PR Payer SF Ship From SJ Service Provider Identifies name and address information as pertaining to a service provider for which billing is being rendered ST Ship To SV Service Performance Site When services are contracted for, this describes the organization for whom or location address at which those services will be performed Z7 Mark-for Party The party for whom the needed material is intended	M ID 2/3	M
N102	93	Name Free-form name	X AN 1/60	O
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 41 Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges being billed 42 Telecommunications Pseudo Carrier Identification Code A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers 91 Assigned by Seller or Seller's Agent	X ID 1/2	O
N104	67	Identification Code Code identifying a party or other code DoD/Federal IC Notes:	X AN 2/80	O

If N103 = '41' - use CIC code list maintained by Lockheed Martin. If N103 = '42' - use Pseudo-CIC list provided in OBF Section 10.4.

Segment: **BAL** Balance Detail
Position: 070
Loop: BAL Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To identify the specific monetary balances associated with a particular account
Syntax Notes:
Semantic Notes:
Comments:
Notes: **For iRAPT**

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
BAL01	951	Balance Type Code Code indicating the type of balance A Adjustment M Current Month P Previous Month Balance of previous period charges prior to applying payments and adjustments for the previous period billing	M ID 1/2	M
BAL02	522	Amount Qualifier Code Code to qualify amount AD Adjusted Total	M ID 1/3	M
BAL03	782	Monetary Amount Monetary amount	M R 1/18	M

Segment: **DTM** Date/Time Reference

Position: 080

Loop: BAL Optional

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Date/Time Qualifier</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374		M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		003 Invoice		
		007 Effective		
		009 Process		
		050 Received		
		193 Period Start		
		194 Period End		
		197 End		
		201 Acceptance		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		
		Date on which the cycle begins		
		359 Cycle End		
		Date on which the cycle ends		
		507 Extract		
		Date on which the file was extracted from the database		
		949 Payment Effective		
DTM02	373	Date	X DT 8/8	O
		Date expressed as CCYYMMDD		

Segment:	ITA Allowance, Charge or Service
Position:	090
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.
Notes:	For iRAPT
	Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1	M
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	X ID 2/2	O
ITA03	560	Special Services Code Code identifying the special service DoD/Federal IC Notes: See OBF Section 10.4 for a list of valid values.	X ID 2/10	O
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 04 Credit Customer Account 06 Charge to be Paid by Customer ZZ Mutually Defined	M ID 2/2	M
ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16	O
ITA06	359	Allowance or Charge Rate Allowance or Charge Rate per Unit	O R 1/15	O
ITA07	360	Allowance or Charge Total Amount Total dollar amount for the allowance or charge	O N2 1/15	O
ITA08	378	Allowance/Charge Percent Qualifier	O ID 1/1	Not

				Used
ITA09	332	Percent	X R 1/6	O
		Percent expressed as a percent		
ITA10	380	Quantity	X R 1/15	O
		Numeric value of quantity		
ITA11	355	Unit or Basis for Measurement Code	X ID 2/2	O
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		03 Seconds		
		12 Packet		
		1X Quarter Mile		
		AD Bytes		
		AH A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit Additional Minutes		
		AI The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service Average Minutes Per Call		
		AL The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details Access Lines		
		AN Number of lines subject to Carrier Access Line Charges Minutes or Messages		
		CO Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges Calls		
		DA Number of calls handled Days		
		DC Disk (Disc)		
		DH Miles		
		DK Kilometers		
		DQ Data Records		
		DY Number of Data Records handled Directory Books		
		EA Number of directory books delivered to customer Each		
		EB Electronic Mail Boxes		
		EV Number of Electronic Mail Boxes established for an account Envelope		
		G7 Microfiche Sheet		
		H1 A film that contains photographed documents greatly reduced in size Half Pages - Electronic		
		HR Number of electronic half pages of data delivered Hours		
		HT Half Hour		
		KB Kilocharacters		
		KF Kilocharacters of data transmitted Kilopackets		
		KJ Kilopackets of data transmitted Kilosegments		
		Kilosegments of data transmitted		

M0	Magnetic Tapes
	Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages
	Number of Messages transmitted, or delivered
NH	Message Hours
	Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens
	Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic
	Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile
	Number of FAX pages transmitted
QB	Pages - Hardcopy
	Number of printed pages delivered
QH	Quarter Hours
	Number of 15 minute increments of usage handled
RS	Resets
	Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions
	Number of interactive sessions handled
S7	Storage Units
	Number of storage increments used
SG	Segment
T0	Telecommunications Lines in Service
	Snapshot sample of lines in service
UB	Telecommunications Lines in Service - Average
	Average number of lines in service specific to equal access requirements
UC	Telecommunications Ports
	Number of network access ports
UD	Tenth Minutes
	Number of 6 second increments of usage
UE	Tenth Hours
	Number of 6 minute increments of usage
UF	Usage per Telecommunications Line - Average
UN	Unit
ZZ	Mutually Defined

ITA12	380	Quantity	X	R 1/15	Not Used
ITA13	352	Description	X	AN 1/80	O
		A free-form description to clarify the related data elements and their content			
ITA14	150	Special Charge or Allowance Code	X	ID 3/3	O
		Code identifying type of special charge or allowance			

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

ITA15	822	Source Subqualifier	O AN 1/15	Not Used
ITA16	662	Relationship Code	O ID 1/1	O

Code indicating the relationship between entities

Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Segment: **DTM** Date/Time Reference

Position: 100

Loop: ITA Optional

Level: Summary

Usage: Optional

Max Use: 2

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: For iRAPT

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		007 Effective		
		009 Process		
		050 Received		
		193 Period Start		
		194 Period End		
		197 End		
		201 Acceptance		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		
		Date on which the cycle begins		
		359 Cycle End		
		Date on which the cycle ends		
		507 Extract		
		Date on which the file was extracted from the database		
		949 Payment Effective		
DTM02	373	Date	X DT 8/8	O
		Date expressed as CCYYMMDD		

Segment:	SI Service Characteristic Identification
Position:	103
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	2
Purpose:	To specify service characteristic data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SI04 or SI05 is present, then the other is required. 2 If either SI06 or SI07 is present, then the other is required. 3 If either SI08 or SI09 is present, then the other is required. 4 If either SI10 or SI11 is present, then the other is required. 5 If either SI12 or SI13 is present, then the other is required. 6 If either SI14 or SI15 is present, then the other is required. 7 If either SI16 or SI17 is present, then the other is required. 8 If either SI18 or SI19 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI11	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI13	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	O
SI15	234	Product/Service ID Identifying number for a product or service	X AN 1/48	O

SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2	O
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	O

Segment: **REF** Reference Identification
Position: 105
Loop: ITA Optional
Level: Summary
Usage: Optional
Max Use: 5
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: **For iRAPT**

Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
		12 Billing Account Account number under which billing is rendered		
		1J Facility ID Number		
		4L Location-specific Services Reference Number		
		6R Provider Control Number Number assigned by information provider company for tracking and billing purposes		
		7I Subscriber Authorization Number		
		8M Originating Company Identifier		
		8N Receiving Company Identifier		
		AAO Carrier Assigned Code		
		BF Billing Center Identification		
		BLT Billing Type		
		LJ Local Jurisdiction		
		LU Location Number		
		P4 Project Code		
		RO Repetitive Booking Number		
		SU Special Processing Code Unique code identifying the special handling requirements for the claim		
		V0 Version		
		YN Receiver ID Qualifier		
		ZH Carrier Assigned Reference Number		
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	O
REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	O
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	O
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
C04002	127	Reference Identification	M AN 1/30	M

		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04003	128	Reference Identification Qualifier	X	ID 2/3	O
		Code qualifying the Reference Identification			
C04004	127	Reference Identification	X	AN 1/30	O
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment: **LX** Assigned Number
Position: 107
Loop: LX Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
LX01	554	Assigned Number	M N0 1/6	M
		Number assigned for differentiation within a transaction set		

Segment: **REF** Reference Identification
Position: 108
Loop: LX Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:

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

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	O
REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	O
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	O
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3	M
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	M
C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3	O
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	O

Segment: **AMT** Monetary Amount
Position: 109
Loop: AMT Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
AMT01	522	Amount Qualifier Code Code to qualify amount 1E Fixed Price LM Limit NR Nonrecurring RJ Rate Amount ZT Prorated Amount	M ID 1/3	M
AMT02	782	Monetary Amount Monetary amount	M R 1/18	M

Segment: **DTM** Date/Time Reference

Position: 110

Loop: AMT Optional

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Date/Time Qualifier</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374		M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		050 Received		
		193 Period Start		
		194 Period End		
		197 End		
		201 Acceptance		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		
		Date on which the cycle begins		
		359 Cycle End		
		Date on which the cycle ends		
		507 Extract		
		Date on which the file was extracted from the database		
		949 Payment Effective		
DTM02	373	Date	X DT 8/8	O
		Date expressed as CCYYMMDD		

Segment:	ITA Allowance, Charge or Service
Position:	111
Loop:	ITA Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required. 5 If ITA17 is present, then ITA12 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.
Notes:	For iRAPT
	Data contained in this segment will not be displayed on the iRAPT document, but will be saved in the form of an attachment to the iRAPT document.

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified	M ID 1/1	M
ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2	O
ITA03	560	Special Services Code Code identifying the special service	X ID 2/10	O
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge	M ID 2/2	M
ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16	O
ITA06	359	Allowance or Charge Rate	O R 1/15	Not Used
ITA07	360	Allowance or Charge Total Amount Total dollar amount for the allowance or charge	O N2 1/15	O
ITA08	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated	O ID 1/1	O
ITA09	332	Percent Percent expressed as a percent	X R 1/6	O
ITA10	380	Quantity Numeric value of quantity	X R 1/15	O
ITA11	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	O
		AI Average Minutes Per Call		

				The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details
		AN		Minutes or Messages
				Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges
ITA12	380	Quantity	X	R 1/15 Not Used
ITA13	352	Description	X	AN 1/80 O
				A free-form description to clarify the related data elements and their content
ITA14	150	Special Charge or Allowance Code	X	ID 3/3 O
				Code identifying type of special charge or allowance
ITA15	822	Source Subqualifier	O	AN 1/15 Not Used
ITA16	662	Relationship Code	O	ID 1/1 O
				Code indicating the relationship between entities
		O		Information Only
				Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Segment: **DTM** Date/Time Reference

Position: 112

Loop: ITA Optional

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		007 Effective		
		050 Received		
		193 Period Start		
		194 Period End		
		197 End		
		201 Acceptance		
		306 Adjustment Effective Date		
		Date on which the adjustment went into effect		
		321 Purchased		
		Date product/extended coverage was purchased		
		346 Plan Begin		
		Date on which the plan begins		
		347 Plan End		
		Date on which plan ends		
		358 Cycle Begin		
		Date on which the cycle begins		
		359 Cycle End		
		Date on which the cycle ends		
		507 Extract		
		Date on which the file was extracted from the database		
		949 Payment Effective		
DTM02	373	Date	X DT 8/8	O
		Date expressed as CCYYMMDD		

Segment: **CTT** Transaction Totals
Position: 115
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: **DoD/Federal IC Notes**
The number of line items (CTT01) is the accumulation of the number of IT1 segments.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
CTT01	354	Number of Line Items Total number of line items in the transaction set DoD/Federal IC Notes: Number of IT1 segments in this transaction set. For iRAPT: There must be one instance of CTT per transaction.	M N0 1/6	M
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. DoD/Federal IC Notes: If used, the specified field for the Telecommunications Industry is IT104.	O R 1/10	O

Segment: **SE** Transaction Set Trailer
Position: 120
Loop:
Level: Summary
Usage: Must Use
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

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

Notes: **For iRAPT**

There must be only one instance of SE per transaction.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10	M
SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set DoD/Federal IC Notes: The value of this data element must match the value of the same data element in ST02 of the Transaction Set Header.	M AN 4/9	M