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

Effective as of version 7.1.0.
This guide remains valid until modified.

811 Consolidated Service Invoice/Statement

Introduction:

WAWF VERSION:

7.1.0
December 2024

This WAWF 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 WAWF:
811_WAWF_4010_EDI_Detail
DoD IC - 004010D811T1 - July 22, 2009

General Instructions:

The following pages represent the WAWF Data Element/Segment Cross Reference for reporting 811T EDI data into WAWF 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 WAWF 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 (WAWF). 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 WAWF. This converts the text to text-only format and removes control characters that contain formatting information.

Sending Attachments to WAWF:

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

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

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 (WAWF) and Base (X12) data element attributes side by side. The codes used in these table columns are defined here. WAWF 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 (WAWF Attributes)
o   M   Mandatory - Required by WAWF.
o   O   Optional
o   C   Conditional - Will have a WAWF Note describing usage.
o   Not Used   Not used - Not used by WAWF.

The Type field describes what kind of data WAWF 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 WAWF requires decimal point and value be sent. WAWF 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 WAWF as "300"
     o   3.00 will be read into WAWF as "3"
     o   3.5 will be read into WAWF as "3.5"
o   ID Identifier. Codes used by WAWF 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 WAWF", "WAWF Edits", "Samples", etc.) pertain specifically to WAWF and may not reflect an X12 usage. Whenever a WAWF-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 WAWF instruction takes precedence.
o   The values that WAWF accepts for all fields are described. By default, WAWF rejects all codes and values not identified in this guide. In cases where WAWF 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.

Any changes in the FTP/EDI file to values that are in EDA for this Contract may require a Contract Modification. Please contact the cognizant Contract Administration Office listed in your contract/order for authorization prior to making any changes to the terms and conditions.

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

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 - WAWF Payment System Edit Notes: MOCAS- Removed ITD04 and ITD08.

5.9 - 2/15/2016 WAWF-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.

5.10 - 11/23/2016 WAWF-1721
REF Segment at Position 050: Contract Number and Delivery Order Edits: Increased fiscal year requirements by 1
for all edits of contract type DoD Contract (FAR).

5.11.0-1 08/15/17 WAWF-4109
General instructions-
Notes: Added "Any changes in the FTP/EDI file to values that are in EDA for this Contract may require a Contract
Modification. Please contact the cognizant Contract Administration Office listed in your contract/order for
authorization prior to making any changes to the terms and conditions".

5.12.1 - 07/24/2018 WAWF-5755
ECP 1187 WAWF Suite Renaming
Updated all instances of iRAPT to WAWF

6.10.1- 11/22/21 ET-25226
REF pos. 050-
REF02 Contract and Delivery Order Edits:
DoD Contract (FAR)- Replaced all instances of "First 6 positions must be a valid government DoDAAC" with
"Positions 1 and 2 cannot both be numeric". Uniform PIID (FAR 4.16)- Replaced all instances of "First 6 positions
must be a valid government FEDAAC" with "Positions 1 and 2 must be numeric".

6.11.0 – 01/17/22 AGILE-8422
N1 pos. 100-
N101: Removed DUNS, DUNS+4
N103: Removed DUNS, DUNS+4
NM1 pos. 110-
NM108: Removed DUNS, DUNS+4
NM1 pos. 340-
NM108: Removed DUNS, DUNS+4
NM1 pos. 530-
NM108: Removed DUNS, DUNS+4

7.1.3 - 12/09/24 AGILE-19878
IT1 pos. 210-
For WAWF: Added"Upon submission, WAWF will attempt to prepopulate the AAI value from the EDA contract
data for all line items in the file. If no AAI was submitted for a given line item and a value is found, the AAI will be

WAWF 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
x	010	ST	Transaction Set Header	M	M	1		
xi	020	BIG	Beginning Segment for Invoice	M	M	1		
xiv	030	NTE	Note/Special Instruction	O	O	100		
xv	040	CUR	Currency	O	O	1		
xix	050	REF	Reference Identification	O	O	>1		
xxv	060	PER	Administrative Communications Contact	O	O	3		
xxvii	070	ITD	Terms of Sale/Deferred Terms of Sale	O	O	5		
xxxi	080	DTM	Date/Time Reference	O	O	10		
xxxii	090	TXI	Tax Information	O	O	>1		
			LOOP ID - N1				>1	
xxxvii	100	N1	Name	O	M	1		
xli	110	N2	Additional Name Information	O	C	2		
xlii	120	N3	Address Information	O	C	2		
xliii	130	N4	Geographic Location	O	C	1		
xlv	140	REF	Reference Identification	O	O	12		
xlviii	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	
lii	010	HL	Hierarchical Level	M	M	1		n1
			LOOP ID - LX				>1	
lv	020	LX	Assigned Number	O	O	1		
lvi	030	SI	Service Characteristic Identification	O	O	8		
lx	040	PID	Product/Item Description	O	O	200		
lxii	050	REF	Reference Identification	O	O	>1		
lxv	060	AMT	Monetary Amount	O	O	5		
lxvii	070	DTM	Date/Time Reference	O	O	8		
lxix	080	TXI	Tax Information	O	O	>1		
			LOOP ID - QTY				10	
lxxv	090	QTY	Quantity	O	O	1		
lxxix	100	SI	Service Characteristic Identification	O	O	1		
			LOOP ID - NM1				1	
lxxxiii	110	NM1	Individual or Organizational Name	O	O	1		n2
lxxxvi	120	N2	Additional Name Information	O	O	2		
lxxxvii	130	N3	Address Information	O	O	2		
lxxxviii	140	N4	Geographic Location	O	O	1		
xc	150	REF	Reference Identification	O	O	2		
xciii	160	PER	Administrative Communications Contact	O	O	>1		
xcvii	170	TXI	Tax Information	O	O	>1		

			LOOP ID - ITA			>1		
ciii	180	ITA	Allowance, Charge or Service	O	O	1		
cix	190	DTM	Date/Time Reference	O	O	1		
cx	200	TXI	Tax Information	O	O	>1		
			LOOP ID - IT1			999		
cxvi	210	IT1	Baseline Item Data (Invoice)	O	O	1	n3	
cxx	220	SI	Service Characteristic Identification	O	O	2		
cxxiv	230	PID	Product/Item Description	O	M	200		
cxxvi	240	INC	Installment Information	O	O	1		
cxxviii	250	TXI	Tax Information	O	O	>1		
cxxxiv	260	REF	Reference Identification	O	O	8		
cxxxvii	270	DTM	Date/Time Reference	O	O	10		
cxxxix	280	MSG	Message Text	O	O	>1		
cxl	285	AMT	Monetary Amount	O	O	1		
			LOOP ID - QTY			>1		
cxli	290	QTY	Quantity	O	O	1		
cxlv	300	SI	Service Characteristic Identification	O	O	1		
			LOOP ID - ITA			10		
cxlix	310	ITA	Allowance, Charge or Service	O	O	1		
clv	320	DTM	Date/Time Reference	O	O	1		
clvii	330	TXI	Tax Information	O	O	>1		
			LOOP ID - NM1			>1		
clxii	340	NM1	Individual or Organizational Name	O	O	1		
clxv	350	N2	Additional Name Information	O	O	2		
clxvi	360	N3	Address Information	O	O	2		
clxvii	370	N4	Geographic Location	O	O	1		
clxix	380	PER	Administrative Communications Contact	O	O	3		
			LOOP ID - SLN			>1		
clxxiii	390	SLN	Subline Item Detail	O	O	1	n4	
clxxix	400	SI	Service Characteristic Identification	O	O	10		
clxxxiii	410	PID	Product/Item Description	O	O	200		
clxxxv	420	CUR	Currency	O	O	1		
clxxxviii	430	INC	Installment Information	O	O	1		
cxc	440	ITA	Allowance, Charge or Service	O	O	10		
cxcvi	450	TXI	Tax Information	O	O	>1		
cci	460	REF	Reference Identification	O	O	>1		
cciv	470	PER	Administrative Communications Contact	O	O	3		
ccviii	480	DTM	Date/Time Reference	O	O	10		
ccx	490	AMT	Monetary Amount	O	O	15		
ccxii	500	MSG	Message Text	O	O	>1		
			LOOP ID - QTY			>1		
ccxiii	510	QTY	Quantity	O	O	1		
ccxvii	520	SI	Service Characteristic Identification	O	O	1		
			LOOP ID - NM1			>1		
ccxxi	530	NM1	Individual or Organizational Name	O	O	1		
ccxxiv	540	N2	Additional Name Information	O	O	2		
ccxxv	550	N3	Address Information	O	O	2		

Page No.	Pos. No.	Seg. ID	Name	X12 Attributes	WAWF Attributes	Max.Use	Loop Repeat	Notes and Comments
ccxxvi	560	N4	Geographic Location	O	O	1		
ccxxviii	570	REF	Reference Identification	O	O	8		
ccxxx	580	PER	Administrative Communications Contact	O	O	3		
			LOOP ID - TCD				>1	
ccxxxii	590	TCD	Itemized Call Detail	O	O	1		n5
ccxxxvi	600	SI	Service Characteristic Identification	O	O	2		
ccxl	610	TXI	Tax Information	O	O	>1		
ccxlv	615	ITA	Allowance, Charge or Service	O	O	>1		
			LOOP ID - QTY				>1	
ccli	617	QTY	Quantity	O	O	1		
cclv	618	SI	Service Characteristic Identification	O	O	1		
			LOOP ID - USD				>1	
cclix	620	USD	Usage-Sensitive Detail	O	O	1		n6
cclxiv	625	SI	Service Characteristic Identification	O	O	2		
cclxviii	630	ITA	Allowance, Charge or Service	O	O	2		
cclxxiv	640	TRF	Rating Factors	O	O	18		
			LOOP ID - QTY				>1	
cclxxviii	650	QTY	Quantity	O	O	1		
cclxxxii	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
cclxxxvi	010	TDS	Total Monetary Value Summary	M	M	1		
			LOOP ID - ITA				>1	
cclxxxvii	020	ITA	Allowance, Charge or Service	O	O	1		
ccxcii	030	DTM	Date/Time Reference	O	O	1		
ccxciii	035	REF	Reference Identification	O	O	5		
			LOOP ID - BAL				>1	
ccxcv	040	BAL	Balance Detail	O	O	1		
ccxcvi	050	DTM	Date/Time Reference	O	O	1		
			LOOP ID - N1				>1	
ccxcviii	060	N1	Name	O	O	1		
			LOOP ID - BAL				>1	
ccc	070	BAL	Balance Detail	O	O	1		
ccci	080	DTM	Date/Time Reference	O	O	1		
			LOOP ID - ITA				>1	
ccciii	090	ITA	Allowance, Charge or Service	O	O	1		
cccviii	100	DTM	Date/Time Reference	O	O	2		
cccix	103	SI	Service Characteristic Identification	O	O	2		
cccxiii	105	REF	Reference Identification	O	O	5		
			LOOP ID - LX				>1	
cccxv	107	LX	Assigned Number	O	O	1		
cccxvi	108	REF	Reference Identification	O	O	1		
			LOOP ID - AMT				>1	

cccxviii	109	AMT	Monetary Amount	O	O	1		
cccxix	110	DTM	Date/Time Reference	O	O	1		
			LOOP ID - ITA				>1	
cccxx	111	ITA	Allowance, Charge or Service	O	O	1		
cccxxii	112	DTM	Date/Time Reference	O	O	1		
cccxxiv	115	CTT	Transaction Totals	O	O	1		n7
cccxxv	120	SE	Transaction Set Trailer	M	M	1		

Transaction Set Notes

1. 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.
2. When used for telecommunications billing, the service/billing provider level is defined by the NM1 loop.
3. The group level is defined by at least one occurrence of the IT1 loop which may only appear at the group level.
4. The SLN loop may only appear at the charge detail level.
5. The TCD loop may only appear at the line detail level.
6. The USD loop may only appear at the line detail level.
7. 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
143	Transaction Set Identifier Code		M	M	

Code uniquely identifying a Transaction Set

    811   Consolidated Service Invoice/Statement

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
329	Transaction Set Control Number		M	M	

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Segment:	**BIG** Beginning Segment for Invoice
Position:	020
Loop:	
Level:	Heading
Usage:	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
373	Date		**M**	**M**	

Date expressed as CCYYMMDD

For WAWF:

CCYYMMDD Date of Invoice

| 76 | Invoice Number | | **M** | **M** | |

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 WAWF:

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).

WAWF Edits:

MOCAS - Min/Max 1/8

| 373 | Date | | **O** | **O** | |

Date expressed as CCYYMMDD

For WAWF:

Contract Effective Date

If the BIG03 is not provided, this data element will be populated from EDA if the information is available.

| 324 | Purchase Order | | **O** | **Not Used** | |

	Number			
328	Release Number	O	Not Used	
327	Change Order Sequence Number	O	Not Used	
640	Transaction Type Code	M	M	

Code specifying the type of transaction

For WAWF:

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

WAWF Edits:

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

353	Transaction Set Purpose Code	O	O	

Code identifying purpose of transaction set

For WAWF:

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 WAWF:

01 - Void

05   Replace

For WAWF:

05 - Void & Replace

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 WAWF**	

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
363	Note Reference Code		O	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
352	**Description**		**M**	**M**	

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

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 WAWF

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
98	Entity Identifier Code	M		M	ID 2/2

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

BY   Buying Party (Purchaser)

100	Currency Code	M	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

For additional values, request ISO 4217 Currency Code List.

280	Exchange Rate	O	O

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

For WAWF:

98	Entity Identifier Code	O	O

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

For WAWF:

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

100	Currency Code	O	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 WAWF:

669	Currency Market/Ex	O	O

change
Code

Code identifying the market upon which the currency exchange rate is based

For WAWF:

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

374   **Date/Time Qualifier**   **X**   O

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

For WAWF:

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

373   **Date**   **O**   O

Date expressed as CCYYMMDD

For WAWF:

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

337   **Time**   **O**   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 WAWF:

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

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
128	Reference Identification Qualifier	**M**		**M** 1	
				2	
				/	
				3	

Code qualifying the Reference Identification
For WAWF:

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 WAWF:	
	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 WAWF:
	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 WAWF:
	Contractual: Mandatory
	Non-Contractual: - For Original documents (BIG08 = 00), Contract Number is not used. WAWF 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 WAWF:
	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 WAWF:
	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 WAWF:

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

127	Reference Identification	X	O	AN 1/19

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

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 18 and later
Contract Number Edits:
    No special characters allowed.
    Must be 13 characters in length.
    Contract cannot contain "O" or "I" at any position.
    Positions 1 and 2 cannot both be numeric.
    Positions 7 and 8 (FY parameter) must be numeric and greater than or equal to 18 and less than 66.
    Position 9 must be alpha.
    Position 9 may not be: B, E, I, J, O, Q, R, U, W, X, Y, or Z.
    Position 10 through 13 in the Contract Number may not be "0000."
Delivery Order Number Edits:
    No special characters allowed.
    Must be 13 characters in length.
    Delivery Order Number may not contain "O" or "I" at any position.
    Positions 1 and 2 cannot both be numeric.
    Positions 7 and 8 (FY parameter) must be numeric and 18 or greater and less than 66.
    Position 9 must be F.
    Position 10 through 13 in the Delivery Order Number may not be "0000" (all zeroes).
    Delivery Order is prohibited when the 9th position of the Contract Number is C, F, H, M, P, or V.
    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 17 and prior
Contract Number Edits:
    No special characters allowed.
    Must be 13 characters in length.
    Contract cannot contain "O" or "I" at any position.
    Positions 1 and 2 cannot both be numeric.
    Positions 7 and 8 (FY parameter) must be numeric and less than 18 or greater than 65.
    Position 9 must be alpha.
    Position 9 cannot be - B, E, I, J, N, O, Q, R, T, U, or Y.
    Position 10 through 13 in the Contract Number may not be "0000."
Delivery Order Number Edits:
    No special characters allowed.
    Must be 0, 4, or 13 characters in length.
    May not contain "O" or "I" at any position.
    For Acquisition, Delivery Order required when the ninth position of Contract Number is A, D or G.
    Delivery Order prohibited when ninth position of Contract Number is C, F, M, P, V, or W.
    If the Delivery Order is 4 characters, the following edits will be applied:
    The characters "A" and "P" are prohibited in the first position of 4-character Delivery Order Number.
    "0000" is not acceptable value.
    If the Delivery Order is 13 characters, the following edits will be applied:
    Positions 1 and 2 cannot both be numeric.
    Positions 7 and 8 must be numeric.
    Position 9 must be F.
    Positions 10 through 13 cannot be all zeroes.

Contract Type is "Uniform PIID (FAR 4.16)"
Contract Number Edits:
    No special characters allowed.

Must be 13 to 17 characters in length, inclusive.
Contract cannot contain "O" or "I" at any position.
Positions 1 and 2 must be numeric.
Positions 7 and 8 (FY parameter) must be numeric and 16 or greater.
Position 9 must be alpha.
Position 9 cannot be: B, E, I, J, O, Q, R, U, W, X, Y, or Z.
Position 10 through the end of the Contract Number may not be all zeroes.
Delivery Order Number Edits:
No special characters allowed.
Must be 13 to 17 characters in length, inclusive.
Delivery Order Number may not contain "O" or "I" at any position.
Positions 1 and 2 must be numeric.
Positions 7 and 8 must be numeric and 16 (FY parameter) or greater.
Position 9 must be F.
Position 10 through the end of the Delivery Order Number may not be all zeroes.
Delivery Order is prohibited when the 9th position of the Contract Number is C, F, H, P, or V.
For Acquisition, Delivery Order is required when the 9th position of the Contract Number is A, D, or G.

WAWF 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".

352	Description	X	O

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

For WAWF:

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**

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

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

128	**Reference Identificat ion Qualifier**		**M**	**M**

Code qualifying the Reference Identification

ACB	Region
BLT	Billing Type
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim

127	**Reference Identificat ion**		**M**	**M**

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

128	**Reference Identificat ion Qualifier**		**X**	**O**

Code qualifying the Reference Identification

SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim

127	**Reference Identificat ion**		**X**	**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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
366	Contact Function Code	M	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

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
93	Name	O	Not Used	

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
365	Communication Number Qualifier	X	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

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
364	Communication Number	X	O	

Complete communications number including country or area code when applicable

365	**Communication Number Qualifier**	**X**	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

364	**Communication Number**	**X**	Not Used

365	**Communication Number Qualifier**	**O**	O

Code identifying the type of communication number

EM	Electronic Mail
FX	Facsimile
TE	Telephone

364	**Communication Number**	**X**	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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
336	Terms Type Code		**O**	**M**	
				]	

Code identifying type of payment terms

03	Fixed Date	

For WAWF:

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

08	Basic Discount Offered	

	10	Instant		

For WAWF:

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 WAWF:

22	Cash Discount Terms Apply	

Contract terms specify that a cash discount is applicable

333	**Terms Basis Date Code**	**O**	**O**	

Code identifying the beginning of the terms period

3	Invoice Date	
5	Invoice Receipt Date	

338	**Terms Discount Percent**	**O**	**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
WAWF 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.

370	**Terms Discount Due Date**	**X**	**O**	

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

351	**Terms Discount Days Due**	**X**	**O**	N0 1/2

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

446	Terms Net Due Date	O		O	

Date when total invoice amount becomes due expressed in format CCYYMMDD

DoD/Federal IC Notes:

Date after which Late Payment Charge applies.

386	Terms Net Days	O		O	N0 1/2

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

362	Terms Discount Amount	O		O	

Total amount of terms discount

For WAWF:

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.

388	Terms Deferred Due Date	O		O	

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

389	Deferred Amount Due	X		O	

Deferred amount due for payment

DoD/Federal IC Notes:

Put Late Payment Charge here until X12 approves addition of ITD16.

342	**Percent of Invoice Payable**	X	O

Amount of invoice payable expressed in percent

352	**Description**	O	Not Used

765	**Day of Month**	X	O

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

107	**Payment Method Code**	O	O

Code identifying type of payment procedures

AC	Credit Card
C	Pay By Check
E	Electronic Payment System

954	**Percent**	O	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	M	

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

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	

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
373	Date		X	O	

Date expressed as CCYYMMDD

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 WAWF**	

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
963	Tax Type Code		M	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		
782	Monetary Amount		X	Not Used
954	Percent		X	O

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this tax jurisdiction.

955	Tax Jurisdiction Code Qualifier		X	O

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined
VD	Vendor defined
VE	Vertex

956	Tax Jurisdiction Code		X	O

Code identifying the taxing jurisdiction

441	Tax Exempt Code		X	O

Code identifying exemption status from sales and use tax

1	Yes (Tax Exempt)
2	No (Not Tax Exempt)

662	Relationship Code		O	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)

828	Dollar		O	O

		Basis For Percent		

Dollar basis to be used in the percent calculation of the allowance, charge or tax

325	Tax Identification Number	O	O

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

350	Assigned Identification	O	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 WAWF**	

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

If N102 is entered, follow WAWF 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 WAWF 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

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
98	Entity Identifier Code	**M**	**M**	

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

WAWF 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 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

WAWF 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

93	Name	X	O

Free-form name

For WAWF:

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".

66	Identification Code	X	O

Qualifier

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

For WAWF:

Mandatory when submitting address data.

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	

67   Identification Code   **X**   **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 WAWF:

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.

706   Entity Relationship Code   **O**   **Not Used**

98   Entity Identifier Code   **O**   **O**

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

For WAWF:

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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element Name	Name		Base Attributes	User Attributes
93	Name		M	M	

Free-form name

For WAWF:

Name Activity 2

| 93 | Name | | O | O | |
| | | | | | |

Free-form name

For WAWF:

Name Activity 3
Name (Activity) - Mandatory only if Address data is entered; otherwise should not be entered.

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 WAWF**	

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
166	Address Information		M	M	
		Address information			
166	Address Information		O	O	
		Address information			

	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 WAWF**

Refer to Address rules for WAWF, 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
19	City Name		O	O	

Free-form text for city name

| 156 | State or Province Code | | O | O | |

Code (Standard State/Province) as defined by appropriate government agency

| 116 | Postal Code | | O | C | |

Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
For WAWF:

If the Ship To Address is an APO or FPO (N405 = AR), then cite the APO or FPO ZIP Code.

| 26 | Country Code | | O | O | ID 2/2 |

Code identifying the country

| 309 | Location Qualifier | | X | O | ID 2/2 |

Code identifying type of location

For WAWF:

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 WAWF document, but will be saved in the form of an attachment to the WAWF document.

AC	City and State
AR	Armed Services Location Designation
CC	Country
CI	City
SP	State/Province

310	Location Identifier	O	C	AN 2/30

Code which identifies a specific location

For WAWF:

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

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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
128	Reference Identification Qualifier	M	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

127	Reference Identification		X		O	

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

352	Description		X		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 WAWF:

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

	128	Reference Identification Qualifier	M	M

Code qualifying the Reference Identification

	127	Reference Identification	M	M

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

	128	Reference Identification Qualifier	X	O

Code qualifying the Reference Identification

	127	Reference Identification	X	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 WAWF**

One PER Segment must be entered as part of the N1 Loop that describes Payee (N101 = PE) to identify the WAWF 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 emal addresses (N101 = FE) will not be displayed in WAWF. When N101 = PE, all PER03-08 Elements will not be displayed in WAWF.

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
366	Contact Function Code		M	M	

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

For WAWF:

WAWF 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	

93	Name		O	M	

Free-form name

For WAWF:

If PER01 is IC, then enter the WAWF User ID for the individual responsible for the document/transaction being submitted in PER02. The User ID is the personal WAWF User

ID that the individual uses for Web access. The Min/Max for a WAWF User ID is 8/30.

If PER01 is CN, this field is not used.

| 365 | **Communi cation Number Qualifier** | **X** | **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

| 364 | **Communi cation Number** | **X** | **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 WAWF:

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

| 365 | **Communi cation Number Qualifier** | **X** | **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

| 364 | **Communi cation Number** | **X** | **O** |

Complete communications number including country or area code when applicable
For WAWF:

When PER01 is CN and PER05 is EM, WAWF will read PER06 as an additional email

365	Communication Number Qualifier	O		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		
364	**Communication Number**		**O**		**O**	

Complete communications number including country or area code when applicable

For WAWF:

When PER01 is CN and PER07 is EM, WAWF 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 WAWF

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

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

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

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

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
628	Hierarchical ID Number		M	M	

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

DoD/Federal IC Notes:

Sequential number assigned to this HL segment.

For WAWF:

In the first Loop, cite number 1.
Increased by one each subsequent Loop.

| 734 | Hierarchical Parent ID Number | | O | | O |

Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

DoD/Federal IC Notes:

Not used at HL1 (Service Provider).

For WAWF:

For first loop, HL03=1 for Service Provider, leave blank.
For all subsequent loops, cite the identification number (HL01) of the next higher hierarchical loop.

| 735 | Hierarchical Level Code | | M | | M |

Code defining the characteristic of a level in a hierarchical structure

DoD/Federal IC Notes:

Use any code. Listed codes are preferred.

1 Service/Billing Provider
2 Billing Arrangement
   This level can only be used as a subordinate to level 1.
3 Sub-Billing Arrangement
   This level can only be used as a subordinate to level 2.
4 Group
   This level can only be used as a subordinate to level 1, 2 or 3.
5 Category
   This level can only be used as a subordinate to level 4.
6 Sub-Category
   This level can only be used as a subordinate to level 5.
7 Type
   This level can only be used as a subordinate to level 6.
8 Charge Detail
   This level can only be used as a subordinate to level 4, 5, 6 or 7.
9 Line Detail

1	Service/Billing Provider
	Code identifying the telecommunications company providing service/billing
2	Billing Arrangement
	Code identifying a specified billing arrangement
3	Sub-Billing Arrangement
	Code identifying a more detailed billing arrangement
4	Group
	Code identifying a group of charges on the bill
5	Category
	Code identifying the sub-division of the group

	6	Sub-Category
		Code identifying a further breakdown of the category
	7	Type
		Code identifying a further breakdown of the sub-category
	8	Charge Detail
		Code identifying the lowest level of charges within a billing arrangement
	9	Line Detail
		Code identifying the supporting detail associated with the charge or group

| **736** | **Hierarchic al Child Code** | **O** | **M** |

Code indicating if there are hierarchical child data segments subordinate to the level being described

DoD/Federal IC Notes:

Use any code.

For WAWF:

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 WAWF

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 WAWF document, but will be saved in the form of an attachment to the WAWF document.

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
554	Assigned Number	M		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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M] . / .	

Code identifying the agency assigning the code values

| | TI | Telecommunications Industry |

| 1000 | Service Characteristics Qualifier | | M | M] . / . | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | M | M] . / . . | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | | X | O] . / . | |

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234 **Product/Service ID** **X** **O**

Identifying number for a product or service

	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
349	**Item Description Type**		**M**	**M**	

Code indicating the format of a description

F		Free-form
S		Structured (From Industry Code List)
X		Semi-structured (Code and Text)

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
750	**Product/Process Characteristic Code**		**O**	**Not Used**	

| **559** | **Agency Qualifier Code** | | **X** | **O** | |

Code identifying the agency assigning the code values

AS		Assigned by Seller

| **751** | **Product** | | **X** | **O** | |

Description Code

A code from an industry code list which provides specific data about a product characteristic

| 352 | **Description** | X | O |

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

	REF Reference Identification
Segment:	
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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
128	Reference Identification Qualifier		M	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
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

127	Reference Identification	X		O

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

352	Description	X		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

128	Reference Identification Qualifier	M		M

Code qualifying the Reference Identification

127	Reference Identification	M		M

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

128	Reference Identification Qualifier	X		O

Code qualifying the Reference Identification

127	Reference Identification	X		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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
522	Amount Qualifier Code	**M**		**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	
	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	
782	**Monetary Amount**		**M**	**M**

Monetary amount

	DTM Date/Time Reference
Segment:	
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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	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

373   **Date**   **X**   **O**

Date expressed as CCYYMMDD

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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
963	Tax Type Code	**M**		**M**]	
				2	
				/ 2	
				2	

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	
782	**Monetary Amount**	**X**	**O**

Monetary amount

For WAWF:

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.

954	**Percent**	**X**	**O**

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this tax jurisdiction.

955	**Tax Jurisdiction Code Qualifier**	**X**	**O**

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined	
VD	Vendor defined	
VE	Vertex	

956	Tax Jurisdiction Code	X		O

Code identifying the taxing jurisdiction

441	Tax Exempt Code	X		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	

662	Relationship Code	O		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)

828	Dollar Basis For Percent	O		O

Dollar basis to be used in the percent calculation of the allowance, charge or tax

325	Tax Identification Number	O		O

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

350	Assigned Identification	O		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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
673	Quantity Qualifier		M	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			

	380	**Quantity**	**X**	**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)

	355	**Unit or Basis for Measurement Code**	**M**	**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 WAWF
Data contained in this segment will not be displayed on the WAWF document, but will be saved in the form of an attachment to the WAWF document.

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M	
		Code identifying the agency assigning the code values			
		TI Telecommunications Industry			
1000	Service Characteristics Qualifier		M	M	
		Code from an industry code list qualifying the type of service characteristics			
234	Product/Service ID		M	M	
		Identifying number for a product or service			
1000	Service Characteristics Qualifier		X	O	

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID		X		O

Identifying number for a product or service

		Segment:	**NM1** Individual or Organizational Name

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
98	Entity Identifier Code		M	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

1065	Entity Type Qualifier	M	M

Code qualifying the type of entity

	1	Person
	2	Non-Person Entity
	3	Unknown

1035	Name Last or Organization Name	O	O

Individual last name or organizational name

1036	Name First	O	O

Individual first name

1037	Name Middle	O	O

Individual middle name or initial

1038	Name Prefix	O	O

Prefix to individual name

1039	Name Suffix	O	O

Suffix to individual name

66	Identification Code Qualifier	X	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).

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

67	Identification Code		X		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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
93	Name		M	M	
		Free-form name			
93	Name		O	O	
		Free-form name			

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
166	Address Information		M	M	

Address information

| 166 | Address Information | | O | O | |

Address information

		Segment:	**N4** Geographic Location

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
19	City Name		O	O	
		Free-form text for city name			
156	State or Province Code		O	O	
		Code (Standard State/Province) as defined by appropriate government agency			
116	Postal Code		O	O	
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
26	Country Code		O	O	
		Code identifying the country			
309	Location Qualifier		X	O	

Code identifying type of location

AC	City and State
AR	Armed Services Location Designation
CC	Country
CI	City
SP	State/Province

310 **Location**   **O**   **O**
Identifier

Code which identifies a specific location

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
128	Reference Identificat ion Qualifier	**M**	**M**	

Code qualifying the Reference Identification

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	

127	Reference Identification			X		O

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

352	Description			X		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

128	Reference Identification Qualifier			M		M

Code qualifying the Reference Identification

127	Reference Identification			M		M

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

128	Reference Identification Qualifier			X		O

Code qualifying the Reference Identification

127	Reference Identification			X		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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
366	Contact Function Code		M	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
93	Name		O	O	

Free-form name

365   **Communication Number Qualifier**   X   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)	

364   **Communication Number**   X   O

Complete communications number including country or area code when applicable

365   **Communication Number Qualifier**   X   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	

364   **Communication Number**   X   O

Complete communications number including country or area code when applicable

365   **Communication Number Qualifier**   O   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	

364 Communication Number

O   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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name			Base Attributes	User Attributes
963	Tax Type Code		M		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

782	Monetary Amount		X		O

Monetary amount

For WAWF:

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.

954	Percent		X		O

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this jurisdiction.

955	Tax Jurisdiction Code Qualifier		X		O

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined	
VD	Vendor defined	
VE	Vertex	

956	**Tax Jurisdiction Code**	**X**	**O**

Code identifying the taxing jurisdiction

441	**Tax Exempt Code**	**X**	**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

662	**Relationship Code**	**O**	**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)

828	**Dollar Basis For Percent**	**O**	**O**

Dollar basis to be used in the percent calculation of the allowance, charge or tax

325	**Tax Identification Number**	**O**	**O**

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

350	**Assigned Identification**	**O**	**O**

Alphanumeric characters assigned for differentiation within a transaction set

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

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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
248	Allowance or Charge Indicator	**M**	**M**	

Code which indicates an allowance or charge for the service specified

A	Allowance	
C	Charge	
N	No Allowance or Charge	

| 559 | Agency Qualifier Code | X | O |

Code identifying the agency assigning the code values

| | TI | Telecommunications Industry |

| 560 | Special Services Code | X | O |

Code identifying the special service

DoD/Federal IC Notes:

See OBF Section 10.4 for valid values.

| 331 | Allowance or Charge Method of Handling Code | M | 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

| 341 | Allowance or Charge Number | O | O |

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

| 359 | Allowance or Charge Rate | O | Not Used |

| 360 | Allowance or Charge Total Amount | O | O |

Total dollar amount for the allowance or charge

For WAWF:

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.

378	Allowance /Charge Percent Qualifier	O	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

332	Percent	X	O

Percent expressed as a percent

380	Quantity	X	O

Numeric value of quantity

355	Unit or Basis for Measurement Code	X	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	

380	**Quantity**	**X**		**Not Used**

352	**Description**	**X**		**O**

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

150	**Special Charge or Allowance Code**	**X**		**O**

Code identifying type of special charge or allowance

DoD/Federal IC Notes:

See OBF Section 10.4 for valid values.

For WAWF:

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.

	822	Source Subqualifier	O	Not Used

	662	Relationship Code	O	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	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

373	**Date**		**X**	**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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
963	Tax Type Code		M	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		
782	Monetary Amount		X	O

Monetary amount

For WAWF:

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.

954	Percent		X	O

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this jurisdiction.

955	Tax Jurisdiction Code Qualifier		X	O

Code identifying the source of the data used in tax jurisdiction code

    CD   Customer defined
    VD   Vendor defined
    VE   Vertex

956	**Tax Jurisdiction Code**	**X**		O

Code identifying the taxing jurisdiction

441	**Tax Exempt Code**	**X**		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

662	**Relationship Code**	**O**		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)

828	**Dollar Basis For Percent**	**O**		O

Dollar basis to be used in the percent calculation of the allowance, charge or tax

325	**Tax Identification Number**	**O**		O

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

350	**Assigned Identification**	**O**		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 WAWF

WAWF 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.

Upon submission, WAWF will attempt to prepopulate the AAI value from the EDA contract data for all line items in the file. If no AAI was submitted for a given line item and a value is found, the AAI will be systematically added to the document submission. If an AAI was submitted but a more accurate value was found, the submitted AAI will be overwritten and an informational message provided.

WAWF Edits

MOCAS:
CLIN/SLIN/ELIN is Mandatory per Line Item and must be 4 numeric, 4 numeric and 2 alpha, 1 alpha and 3 alpanumeric, '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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
350	Assigned Identification		O	O	

Alphanumeric characters assigned for differentiation within a transaction set

For WAWF:

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.

WAWF 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)

| 358 | Quantity Invoiced | | X | M | |

Number of units invoiced (supplier units)

For WAWF:

Quantity Invoiced is Optional when QTY04 = "M4" (Unit of Measure). If not included, it will be defaulted to "1".

WAWF Edits:

MOCAS:
No decimals allowed.

If DSS or DMLSS Ship To, Quantity must be a whole number with maximum field size of 10.

| 355 | Unit or Basis for Measurement Code | | X | 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

212	**Unit Price**	**X**	**M**

Price per unit of product, service, commodity, etc.
WAWF Edits:

MOCAS, One Pay:
Min/Max 1/15

639	**Basis of Unit Price Code**	**O**	**O**

Code identifying the type of unit price for an item
For WAWF:

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

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

235	**Product/Service ID Qualifier**	**X**	**O**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
For WAWF:

Codes must be capitalized.

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

SV	Service Rendered

234	**Product/Service ID**	**X**	**O**

Identifying number for a product or service
DoD/Federal IC Notes:

See OBF Section 10.4 for valid values.

235	**Product/Service ID Qualifier**	**O**	**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 WAWF:

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

ZZ   Mutually Defined

234	**Product/Service ID**		O		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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M	

Code identifying the agency assigning the code values

TI   Telecommunications Industry

| 1000 | Service Characteristics Qualifier | | M | M | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | M | M | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | | X | O | |

		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

234　**Product/Service ID**　　　　　　X　　　　　　　　　　O

Identifying number for a product or service

PID Product/Item Description

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 WAWF

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
349	Item Description Type		M	M	

Code indicating the format of a description

F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
750	Product/Process Characteristic Code		O	Not Used	
559	Agency Qualifier Code		X	O	

Code identifying the agency assigning the code values

For WAWF:

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

	AS	Assigned by Seller

751	**Product Description Code**	**X**	O

A code from an industry code list which provides specific data about a product characteristic

For WAWF:

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

352	**Description**	**X**	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 WAWF

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

<div align="center">Data Element Summary</div>

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
336	Terms Type Code		M	M	

Code identifying type of payment terms

    04   Deferred or Installment

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
INC02	**C001**	**Composite Unit of Measure**		**M**	**M**

To identify a composite unit of measure (See Figures Appendix for examples of use)

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
355	Unit or Basis for Measurement Code		M	M	

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

    MO   Months

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
380	Quantity		M	M	

Numeric value of quantity

DoD/Federal IC Notes:

Indicates the total number of installments.

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
380	Quantity		M	M	

Numeric value of quantity

DoD/Federal IC Notes:

Indicates the number of current installments.

| | 782 | Monetary Amount | | O | | O |

Monetary amount

DoD/Federal IC Notes:

Balance remaining after this installment is billed.

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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
963	Tax Type Code	M	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	

782   Monetary Amount   **X**   **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 WAWF:

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.

954   Percent   **X**   **O**

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this jurisdiction.

955   Tax Jurisdiction Code   **X**   **O**

Qualifier

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined
VD	Vendor defined
VE	Vertex

956 Tax Jurisdiction Code   X   O

Code identifying the taxing jurisdiction

441 Tax Exempt Code   X   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

662 Relationship Code   O   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)

828 Dollar Basis For Percent   O   O

Dollar basis to be used in the percent calculation of the allowance, charge or tax

325 Tax Identification Number   O   O

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

350 Assigned Identificat   O   O

ion

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 WAWF

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

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.

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
128	Reference Identification Qualifier	M		M	

Code qualifying the Reference Identification

For WAWF:

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

WAWF 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	

127 **Reference Identification** X O

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

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

352 **Description** X O

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

For WAWF:

REF04	C040	**Reference Identifier**	O	O

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

	128	**Reference Identification Qualifier**	M	M

Code qualifying the Reference Identification

	127	**Reference Identification**	M	M

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

	128	**Reference Identification Qualifier**	X	O

Code qualifying the Reference Identification

	127	**Reference Identification**	X	O

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

		DTM Date/Time Reference

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	M	

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

Code	Name
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

373   Date   X   O

Date expressed as CCYYMMDD

	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
933	Free-Form Message Text		M	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
522	Amount Qualifier Code		**M**	**M**	
		Code to qualify amount			
		1E	Fixed Price		
		8V	Services		
		LM	Limit		
		NR	Nonrecurring		
		RJ	Rate Amount		
		ZT	Prorated Amount		
782	Monetary Amount		**M**	**M**	
		Monetary amount			

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
673	Quantity Qualifier		M	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			

380	**Quantity**	**X**		**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)

355	**Unit or Basis for Measurement Code**	**M**		**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:
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. 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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
559	Agency Qualifier Code	M	M	

Code identifying the agency assigning the code values

TI   Telecommunications Industry

| 1000 | Service Characteristics Qualifier | M | M | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | M | M | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O | |

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |
| | | |] |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |
| | | |] |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |
| | | |] |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |
| | | |] |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |
| | | |] |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |
| | | |] |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |
| | | |] |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |
| | | |] |

Code from an industry code list qualifying the type of service characteristics

234 **Product/S ervice ID** **X** **O**

Identifying number for a product or service

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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
248	Allowance or Charge Indicator	**M**	**M**	

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge
N	No Allowance or Charge

559	Agency Qualifier Code	X	O

Code identifying the agency assigning the code values

TI   Telecommunications Industry

560	Special Services Code	X	O

Code identifying the special service

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

331	Allowance or Charge Method of Handling Code	M	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

341	Allowance or Charge Number	O	O

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

359	Allowance or Charge Rate	O	O

Allowance or Charge Rate per Unit

360	Allowance or Charge Total Amount	O	O

Total dollar amount for the allowance or charge

For WAWF:

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.

| 378 | Allowance /Charge Percent Qualifier | O | 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

| 332 | Percent | X | O |

Percent expressed as a percent

| 380 | Quantity | X | O |

Numeric value of quantity

| 355 | Unit or Basis for Measurement Code | X | 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		
380	**Quantity**		**X**	**Not Used**
352	**Description**		**X**	**O**

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

150	**Special Charge or Allowance Code**		**X**	**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 WAWF:

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

822	Source Subqualifier	O	Not Used

662	Relationship Code	O	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
374	Date/Time Qualifier	M	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

373   Date   X   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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
963	Tax Type Code		M	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		

782   **Monetary Amount**   **X**   O

Monetary amount

For WAWF:

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.

954   **Percent**   **X**   O

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this jurisdiction.

955   **Tax Jurisdiction Code Qualifier**   **X**   O

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined
VD	Vendor defined
VE	Vertex

956	Tax Jurisdiction Code	X	O

Code identifying the taxing jurisdiction

441	Tax Exempt Code	X	O

Code identifying exemption status from sales and use tax

1	Yes (Tax Exempt)
2	No (Not Tax Exempt)

662	Relationship Code	O	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)

828	Dollar Basis For Percent	O	O

Dollar basis to be used in the percent calculation of the allowance, charge or tax

325	Tax Identification Number	O	O

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

350	Assigned Identification	O	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 WAWF

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

<div align="center">Data Element Summary</div>

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
98	Entity Identifier Code		M	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

1065	Entity Type Qualifier	M	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

1035	Name Last or Organization Name	O	O

Individual last name or organizational name

1036	Name First	O	O

Individual first name

1037	Name Middle	O	O

Individual middle name or initial

1038	Name Prefix	O	O

Prefix to individual name

1039	Name Suffix	O	O

Suffix to individual name

| 66 | Identification Code Qualifier | | X | | 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).

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

| 67 | Identification Code | | X | | 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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
93	Name		M	M	
		Free-form name			
93	Name		O	O	
		Free-form name			

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
166	Address Information		M	M	

Address information

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
166	Address Information		O	O	

Address information

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
19	City Name	O	O
		Free-form text for city name		
156	State or Province Code	O	O
		Code (Standard State/Province) as defined by appropriate government agency		
116	Postal Code	O	O
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
26	Country Code	O	O
		Code identifying the country		
309	Location Qualifier	X	O

Code identifying type of location

AC	City and State
AR	Armed Services Location Designation
CC	Country
CI	City
SP	State/Province

310 **Location Identifier** **O** **O**

Code which identifies a specific location

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
366	Contact Function Code		M	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
93		Name	O	O	

Free-form name

| 365 | **Communi cation Number Qualifier** | | X | | 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)

| 364 | **Communi cation Number** | | X | | 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.

| 365 | **Communi cation Number Qualifier** | | X | | 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

| 364 | **Communi cation Number** | | X | | O |

Complete communications number including country or area code when applicable

| 365 | **Communi cation Number Qualifier** | | O | | 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

364 **Communication Number** **O** **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:	1	If either SLN04 or SLN05 is present, then the other is required.
	2	If SLN07 is present, then SLN06 is required.
	3	If SLN08 is present, then SLN06 is required.
	4	If either SLN09 or SLN10 is present, then the other is required.
	5	If either SLN11 or SLN12 is present, then the other is required.
	6	If either SLN13 or SLN14 is present, then the other is required.
	7	If either SLN15 or SLN16 is present, then the other is required.
	8	If either SLN17 or SLN18 is present, then the other is required.
	9	If either SLN19 or SLN20 is present, then the other is required.
	10	If either SLN21 or SLN22 is present, then the other is required.
	11	If either SLN23 or SLN24 is present, then the other is required.
	12	If either SLN25 or SLN26 is present, then the other is required.
	13	If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1	SLN01 is the identifying number for the subline item.
	2	SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3	SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4	SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1	See the Data Element Dictionary for a complete list of IDs.
	2	SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3	SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: **DoD/Federal IC Notes**

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".

For WAWF

For the SLN segment with SLN08 = "A", data from the SLN segment will be displayed on the WAWF document.

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
350	Assigned Identification		M	M	

Alphanumeric characters assigned for differentiation within a transaction set

For WAWF:

Line Item Number

If SLN08 = "A", this field will be displayed in WAWF. Otherwise this field will not be displayed on the WAWF document, but will be saved in the form of an attachment to the WAWF 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.			
		WAWF 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)			
350	**Assigned Identificat ion**		**O**	**O**	
		Alphanumeric characters assigned for differentiation within a transaction set			
		For WAWF:			
		Will not be displayed on the WAWF document, but will be saved in the form of an attachment to the WAWF document.			
662	**Relationsh ip Code**		**M**	**M**	
		Code indicating the relationship between entities			
		I	Included		
380	**Quantity**		**X**	**M**	**R 1/10**
		Numeric value of quantity			
		For WAWF:			
		If SLN08 = "A", this field will be displayed in WAWF. Otherwise this field will not be displayed on the WAWF document, but will be saved in the form of an attachment to the WAWF document.			
		WAWF 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 WAWF:			
		If SLN08 = "A", this field will be displayed in WAWF. Otherwise this field will not be displayed on the WAWF document, but will be saved in the form of an attachment to the WAWF 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).			
355	**Unit or**		**M**	**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 WAWF:

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

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	

212	**Unit Price**	**X**	**O**

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

For WAWF:

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

639	**Basis of**	**O**	**O**

Code identifying the type of unit price for an item

For WAWF:

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

662   Relationship Code   O   O

Code indicating the relationship between entities

For WAWF:

Enter in a value of "A" if the SLN segment contains a CLIN that should be displayed on the WAWF 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)

235   Product/Service ID Qualifier   X   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 WAWF:

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

Codes must be capitalized.

SV	Service Rendered
VP	Vendor's (Seller's) Part Number

		ZZ	Mutually Defined		

| 234 | Product/Service ID | X | | 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 WAWF:

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

| 235 | Product/Service ID Qualifier | O | | O | |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| 234 | Product/Service ID | O | | 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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M]	
				2 / 2	
		Code identifying the agency assigning the code values			
		TI Telecommunications Industry			
1000	Service Characteristics Qualifier		M	M]	
				2 / 2	
		Code from an industry code list qualifying the type of service characteristics			
234	Product/Service ID		M	M]	
				2 / 4 8	
		Identifying number for a product or service			
1000	Service Characteristics Qualifier		X	O]	
				2 / 2	

			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O	
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O	
			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O	
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O	
			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O	
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O	
			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O	
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O	

		Code from an industry code list qualifying the type of service characteristics			
234	**Product/Service ID**		X		O
1000	**Service Characteristics Qualifier**	Identifying number for a product or service	X		O
		Code from an industry code list qualifying the type of service characteristics			
234	**Product/Service ID**		X		O
1000	**Service Characteristics Qualifier**	Identifying number for a product or service	X		O
		Code from an industry code list qualifying the type of service characteristics			
234	**Product/Service ID**		X		O
1000	**Service Characteristics Qualifier**	Identifying number for a product or service	X		O
		Code from an industry code list qualifying the type of service characteristics			
234	**Product/Service ID**		X		O
1000	**Service Characteristics Qualifier**	Identifying number for a product or service	X		O

Code from an industry code list qualifying the type of service characteristics

234 **Product/S** X O
ervice ID

Identifying number for a product or service

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 WAWF

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. Des.	Data Element	Name		Base Attributes	User Attributes
349	Item Description Type		M	M	

Code indicating the format of a description

F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
750	**Product/Process Characteristic Code**		**O**	**Not Used**	
559	**Agency Qualifier Code**		**X**	**O**	

Code identifying the agency assigning the code values

For WAWF:

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

| | | AS | Assigned by Seller | | |

| 751 | **Product Description Code** | | X | | .O |

A code from an industry code list which provides specific data about a product characteristic

For WAWF:

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

| 352 | **Description** | | X | | M |

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

For WAWF:

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

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
98	Entity Identifier Code		**M**	**M**	

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

PR   Payer

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
100	Currency Code		**M**	**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

For additional values, request ISO 4217 Currency Code List.

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
280	Exchange Rate		**O**	**O**	

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

98	Entity Identifier Code	O		O

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

100	Currency Code	O		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.

669	Currency Market/Exchange Code	O		O

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

374	Date/Time Qualifier	X		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

373 **Date** **O** **O**

Date expressed as CCYYMMDD

337 **Time** **O** **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 WAWF		
	Data contained in this segment will not be displayed on the WAWF document, but will be saved in the form of an attachment to the WAWF document.		

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
336	Terms Type Code	**M**	**M**	
		Code identifying type of payment terms		
		04 Deferred or Installment		
INC02	**C001**	**Composite Unit of Measure**	**M**	**M**
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
355	Unit or Basis for Measurement Code	**M**	**M**	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		MO Months		
380	Quantity	**M**	**M**	
		Numeric value of quantity		
		DoD/Federal IC Notes:		
		Indicates the total number of installments.		
380	Quantity	**M**	**M**	

Numeric value of quantity

DoD/Federal IC Notes:

Indicates number of current installments.

782   **Monetary Amount**   O   O

Monetary amount

DoD/Federal IC Notes:

Balance remaining after this installment is billed.

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
248	Allowance or Charge Indicator		M	M	

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge
N	No Allowance or Charge

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		X	O	

Code identifying the agency assigning the code values

TI	Telecommunications Industry

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
560	Special Services Code		X	O	

Code identifying the special service

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

331	Allowance or Charge Method of Handling Code	M		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

341	Allowance or Charge Number	O		O

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

359	Allowance or Charge Rate	O		O

Allowance or Charge Rate per Unit

360	Allowance or Charge Total Amount	O		O

Total dollar amount for the allowance or charge

For WAWF:

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.

378	Allowance /Charge Percent Qualifier	O	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

332	Percent	X	O

Percent expressed as a percent

380	Quantity	X	O

Numeric value of quantity

355	Unit or Basis for Measurement Code	X	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		

380   **Quantity**   **X**   **Not Used**

352   **Description**   **X**   O

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

150   **Special**   **X**   O
        Charge or
        Allowance
        Code

Code identifying type of special charge or allowance

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

For WAWF:

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			
822	**Source Subqualifier**	**O**		.Not Used
662	**Relationship Code**	**O**		: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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
963	Tax Type Code		M	M	
				1	
				2	
				2	

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	

782	**Monetary Amount**	X		O

Monetary amount

For WAWF:

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.

954	**Percent**	X		O

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this jurisdiction.

955	**Tax Jurisdiction Code Qualifier**	X		O

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined

| | | VD | Vendor defined |
| | | VE | Vertex |

| 956 | **Tax Jurisdiction Code** | **X** | | **O** |

Code identifying the taxing jurisdiction

| 441 | **Tax Exempt Code** | **X** | | **O** |

Code identifying exemption status from sales and use tax

| 1 | Yes (Tax Exempt) |
| 2 | No (Not Tax Exempt) |

| 662 | **Relationship Code** | **O** | | **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)

| 828 | **Dollar Basis For Percent** | **O** | | **O** |

Dollar basis to be used in the percent calculation of the allowance, charge or tax

| 325 | **Tax Identification Number** | **O** | | **O** |

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

| 350 | **Assigned Identification** | **O** | | **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 WAWF

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

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.

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
128	Reference Identification Qualifier		M	M	

Code qualifying the Reference Identification

For WAWF:

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

WAWF 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	

127 **Reference Identification**   **X**   **O**

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

For WAWF:

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

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

For WAWF:

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

REF04	C040	**Reference Identifier**		O	O

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

	128	**Reference Identification Qualifier**		M	M

Code qualifying the Reference Identification

	127	**Reference Identification**		M	M

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

	128	**Reference Identification Qualifier**		X	O

Code qualifying the Reference Identification

	127	**Reference Identification**		X	O

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

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
366	Contact Function Code	M	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	

93	Name		O	O

Free-form name

| 365 | **Communi cation Number Qualifier** | | X | | 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)

| 364 | **Communi cation Number** | | X | | 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.

| 365 | **Communi cation Number Qualifier** | | X | | 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

| 364 | **Communi cation Number** | | X | | O |

Complete communications number including country or area code when applicable

| 365 | **Communi cation Number Qualifier** | | O | | 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

| 364 | Communication Number | | O | | 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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	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

373   Date   **X**   **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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
522	Amount Qualifier Code	**M**		**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
	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	
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	

782	**Monetary Amount**		**M**		**M**

Monetary amount

	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
933	Free-Form Message Text		M	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
673	Quantity Qualifier		M	M	
				1	
				2	
				1	
				2	

Code specifying the type of quantity

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

	380	**Quantity**	**X**	**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)

	355	**Unit or Basis for Measurement Code**	**M**	**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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M	
				1	
				2	
				A	
				2	
		Code identifying the agency assigning the code values			
		TI Telecommunications Industry			
1000	Service Characteristics Qualifier		M	M	
				1	
				2	
				A	
				2	
		Code from an industry code list qualifying the type of service characteristics			
234	Product/Service ID		M	M	
				1	
				2	
				A	
				4	
				8	
		Identifying number for a product or service			
1000	Service Characteristics Qualifier		X	O	
				1	
				2	
				A	
				2	

			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X		O
					]
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X		O
					]
			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X		O
					]
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X		O
					]
			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X		O
					]
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X		O
					]
			Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X		O
					]
			Identifying number for a product or service		
1000	Service Characteristics Qualifier		X		O
					]

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

| | 234 | Product/Service ID | | X | | O | |

Identifying number for a product or service

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
98	Entity Identifier Code		M	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

| 1065 | **Entity Type Qualifier** | **M** | **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

| 1035 | **Name Last or Organization Name** | **O** | **O** |

Individual last name or organizational name

| 1036 | **Name First** | **O** | **O** |

Individual first name

| 1037 | **Name Middle** | **O** | **O** |

Individual middle name or initial

| 1038 | **Name Prefix** | **O** | **O** |

Prefix to individual name

| 1039 | **Name Suffix** | **O** | **O** |

Suffix to individual name

| 66 | Identification Code Qualifier | X | 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).

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

| 67 | Identification Code | X | 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:	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
93	Name		M	M	

Free-form name

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
93	Name		O	O	

Free-form name

	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
166	Address Information		M	M	

Address information

| 166 | Address Information | | O | O | |

Address information

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
19	City Name		O	O	

Free-form text for city name

| 156 | State or Province Code | | O | O | |

Code (Standard State/Province) as defined by appropriate government agency

| 116 | Postal Code | | O | O | |

Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

| 26 | Country Code | | O | O | |

Code identifying the country

| 309 | Location Qualifier | | X | O | |

Code identifying type of location

AC	City and State
AR	Armed Services Location Designation
CC	Country
CI	City
SP	State/Province

310 **Location Identifier**   **O**   **O**

Code which identifies a specific location

	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
128	Reference Identification Qualifier		M	M	

Code qualifying the Reference Identification

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
127	Reference Identification		X	O	

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

352	Description	X	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

128	Reference Identification Qualifier	M	M	

Code qualifying the Reference Identification

127	Reference Identification	M	M	

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

128	Reference Identification Qualifier	X	O	

Code qualifying the Reference Identification

127	Reference Identification	X	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
366	Contact Function Code		M	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

93	Name		O	O	

Free-form name

365	**Communication Number Qualifier**		**X**		**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)

364	**Communication Number**		**X**		**O**

Complete communications number including country or area code when applicable

365	**Communication Number Qualifier**		**X**		**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

364	**Communication Number**		**X**		**O**

Complete communications number including country or area code when applicable

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
350	Assigned Identification		O	O	

Alphanumeric characters assigned for differentiation within a transaction set

| 373 | Date | | O | O | |

Date expressed as CCYYMMDD

| 337 | Time | | O | 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)

DoD/Federal IC Notes:

Connect time of call.

| 309 | Location Qualifier | X | | O |

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.

AC	City and State
CC	Country
CI	City
SP	State/Province
ZZ	Mutually Defined

| 310 | Location Identifier | X | | O |

Code which identifies a specific location

| 156 | State or Province Code | O | | O |

Code (Standard State/Province) as defined by appropriate government agency

| 309 | Location Qualifier | X | | 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

| 310 | Location Identifier | X | | O |

| 156 | State or Province Code | O | O |

Code which identifies a specific location

Code (Standard State/Province) as defined by appropriate government agency

| 739 | Measurement Value | O | O |

The value of the measurement

DoD/Federal IC Notes:

Duration of call measured in minutes and tenths of minutes.

| 739 | Measurement Value | O | O |

The value of the measurement

DoD/Federal IC Notes:

Duration of call measured in seconds and tenths of seconds.

| 782 | Monetary Amount | O | O |

Monetary amount

DoD/Federal IC Notes:

Undiscounted amount.

| 782 | Monetary Amount | O | O |

Monetary amount

DoD/Federal IC Notes:

Net amount after a discount has been applied to the amount in TCD12.

| 782 | Monetary Amount | O | O |

Monetary amount

DoD/Federal IC Notes:

Undiscounted amount.

782	Monetary Amount		O		O

Monetary amount

DoD/Federal IC Notes:

Net amount after a discount has been applied to the amount in TCD14.

662	Relationship Code		O		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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M	

Code identifying the agency assigning the code values

TI   Telecommunications Industry

| 1000 | Service Characteristics Qualifier | | M | M | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | M | M | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | | X | O | |

		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
		Identifying number for a product or service		
1000	Service Characteristics Qualifier		X	O

Code from an industry code list qualifying the type of service characteristics

	234	Product/Service ID	X	O

Identifying number for a product or service

	1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

	234	Product/Service ID	X	O

Identifying number for a product or service

	1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

	234	Product/Service ID	X	O

Identifying number for a product or service

	1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

	234	Product/Service ID	X	O

Identifying number for a product or service

	1000	Service Characteristics Qualifier	X	O

Code from an industry code list qualifying the type of service characteristics

234 **Product/Service ID** X O

Identifying number for a product or service

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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
963	Tax Type Code	M		M	
				1	
				2	
				2	

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	

782 **Monetary Amount**   **X**   O

Monetary amount

For WAWF:

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.

954 **Percent**   **X**   O

Percentage expressed as a decimal

DoD/Federal IC Notes:

Tax rate for this jurisdiction.

955 **Tax Jurisdiction Code Qualifier**   **X**   O

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined	
VD	Vendor defined	
VE	Vertex	

| 956 | Tax Jurisdiction Code | X | O |

Code identifying the taxing jurisdiction

| 441 | Tax Exempt Code | X | O |

Code identifying exemption status from sales and use tax

1	Yes (Tax Exempt)	
2	No (Not Tax Exempt)	

| 662 | Relationship Code | O | 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)

| 828 | Dollar Basis For Percent | O | O |

Dollar basis to be used in the percent calculation of the allowance, charge or tax

| 325 | Tax Identification Number | O | O |

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

| 350 | Assigned Identification | O | 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 WAWF

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

WAWF 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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
248	Allowance or Charge Indicator		M	M	

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge
N	No Allowance or Charge

Ref	Element Name		Usage		WAWF
559	Agency Qualifier Code		X		O

Code identifying the agency assigning the code values

	TI	Telecommunications Industry			

Ref	Element Name		Usage		WAWF
560	Special Services Code		X		O

Code identifying the special service

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

Ref	Element Name		Usage		WAWF
331	Allowance or Charge Method of Handling Code		M		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

Ref	Element Name		Usage		WAWF
341	Allowance or Charge Number		O		O

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

Ref	Element Name		Usage		WAWF
359	Allowance or Charge Rate		O		Not Used

Ref	Element Name		Usage		WAWF
360	Allowance or Charge Total Amount		O		O

Total dollar amount for the allowance or charge

For WAWF:

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.

| 378 | **Allowance /Charge Percent Qualifier** | O | 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

| 332 | **Percent** | X | O |

Percent expressed as a percent

| 380 | **Quantity** | X | O |

Numeric value of quantity

| 355 | **Unit or Basis for Measurement Code** | X | 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	

380	**Quantity**	**X**	**Not Used**

352	**Description**	**X**	**O**

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

150	**Special Charge or Allowance Code**	**X**	**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 WAWF:

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

| 822 | Source Subqualifier | O | Not Used |

| 662 | Relationship Code | O | 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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
673	Quantity Qualifier		M	M	

Code specifying the type of quantity

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

	380	**Quantity**	**X**	**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)

	355	**Unit or Basis for Measurement Code**	**M**	**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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M] 2 / 2	

Code identifying the agency assigning the code values
TI   Telecommunications Industry

| 1000 | Service Characteristics Qualifier | | M | M] 2 / 2 | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | M | M] 1 / 48 | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | | X | O] 2 / 2 | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | X | O |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | X | O |

			Code from an industry code list qualifying the type of service characteristics		
	234	Product/Service ID		X	O
	1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O
	234	Product/Service ID	Code from an industry code list qualifying the type of service characteristics	X	O
	1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O
	234	Product/Service ID	Code from an industry code list qualifying the type of service characteristics	X	O
	1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O
	234	Product/Service ID	Code from an industry code list qualifying the type of service characteristics	X	O
	1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O

Code from an industry code list qualifying the type of service characteristics

	234	Product/Service ID	X	O

Identifying number for a product or service

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
662	Relationship Code		M	M	

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)

| 350 | Assigned Identification | | O | O | |

Alphanumeric characters assigned for differentiation within a transaction set

| 118 | **Rate** | **X** | O |

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.

| 954 | **Percent** | **X** | O |

Percentage expressed as a decimal
DoD/Federal IC Notes:

Discount Percentage.

| 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.

| 355 | **Unit or Basis for Measurement Code** | **M** | 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		
380	**Quantity**		**X**	**O**

Numeric value of quantity

| **380** | **Quantity** | | **X** | **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.

| **782** | **Monetary Amount** | | **X** | **O** |

Monetary amount

| **610** | **Amount** | | **X** | **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.

| **355** | **Unit or Basis for Measurement Code** | | **M** | **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.

| **740** | **Range Minimum** | | **X** | **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.

741	Range Maximum	X	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M	

Code identifying the agency assigning the code values

For WAWF:

See OBF Section 10.4 for valid values.

Refer to 004010 Data Element Dictionary for acceptable code values.

| 1000 | Service Characteristics Qualifier | | M | M | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | M | M | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | | X | O | |

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O 1

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O 1

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O 1

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O 1

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O 1

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O 1

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O 1

Identifying number for a product or service

1000	Service Characteristics Qualifier	X	O 1

		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O
		Code from an industry code list qualifying the type of service characteristics		
234	Product/Service ID		X	O
1000	Service Characteristics Qualifier	Identifying number for a product or service	X	O

Code from an industry code list qualifying the type of service characteristics

234 **Product/S** **X** **O**
ervice ID

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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
248	Allowance or Charge Indicator	**M**		**M**	

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge
N	No Allowance or Charge

559	Agency Qualifier Code	**X**		**O**	

Code identifying the agency assigning the code values

TI	Telecommunications Industry

560	Special Services Code	**X**		**O**	

Code identifying the special service

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

331	**Allowance or Charge Method of Handling Code**	**M**	**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

341	**Allowance or Charge Number**	**O**	**O**

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

359	**Allowance or Charge Rate**	**O**	**Not Used**

360	**Allowance or Charge Total Amount**	**O**	**O**

Total dollar amount for the allowance or charge

For WAWF:

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.

378	**Allowance**	**O**	**O**

	/Charge Percent Qualifier		]

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

332	**Percent**	**X**	**O**

Percent expressed as a percent

380	**Quantity**	**X**	**O**

Numeric value of quantity

355	**Unit or Basis for Measurem ent Code**	**X**	**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

| **380** | **Quantity** | **X** | **Not Used** |

| **352** | **Descriptio n** | **X** | **O** |

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

| **150** | **Special Charge or Allowance Code** | **X** | **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 WAWF:

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		
822	**Source Subqualifier**	**O**	Not Used
662	**Relationship Code**	**O**	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
673	Quantity Qualifier		M	M	

Code specifying the type of quantity

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)			
	355	**Unit or Basis for Measurement Code**	**M**		**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.

	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	
NJ	Number of hours used, calculated at some rate basis such as Minutes/message carried	
	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		
380	**Quantity**		**M**	**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)

355	**Unit or Basis for Measurement Code**		**M**	**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.

380	**Quantity**		**M**	**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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
673	Quantity Qualifier		M	M	

Code specifying the type of quantity

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

380	Quantity	X	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)

355	Unit or Basis for Measurement Code	M	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 WAWF

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M] 2 / 2	

Code identifying the agency assigning the code values

TI   Telecommunications Industry

| 1000 | Service Characteristics Qualifier | | M | M] 2 / 2 | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | M | M] 1 / 48 | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | | X | O] 2 / 2 | |

Code from an industry code list qualifying the type of service characteristics

| | 234 | Product/Service ID | | X | | O |
| | | | | | |] |

Identifying number for a product or service

| | 1000 | Service Characteristics Qualifier | | X | | O |
| | | | | | |] |

Code from an industry code list qualifying the type of service characteristics

| | 234 | Product/Service ID | | X | | O |
| | | | | | |] |

Identifying number for a product or service

| | 1000 | Service Characteristics Qualifier | | X | | O |
| | | | | | |] |

Code from an industry code list qualifying the type of service characteristics

| | 234 | Product/Service ID | | X | | O |
| | | | | | |] |

Identifying number for a product or service

| | 1000 | Service Characteristics Qualifier | | X | | O |
| | | | | | |] |

Code from an industry code list qualifying the type of service characteristics

| | 234 | Product/Service ID | | X | | O |
| | | | | | |] |

Identifying number for a product or service

| | 1000 | Service Characteristics Qualifier | | X | | O |
| | | | | | |] |

			Code from an industry code list qualifying the type of service characteristics		
	234	Product/Service ID	X		O
			Identifying number for a product or service		
	1000	Service Characteristics Qualifier	X		O
			Code from an industry code list qualifying the type of service characteristics		
	234	Product/Service ID	X		O
			Identifying number for a product or service		
	1000	Service Characteristics Qualifier	X		O
			Code from an industry code list qualifying the type of service characteristics		
	234	Product/Service ID	X		O
			Identifying number for a product or service		
	1000	Service Characteristics Qualifier	X		O
			Code from an industry code list qualifying the type of service characteristics		
	234	Product/Service ID	X		O
			Identifying number for a product or service		
	1000	Service Characteristics Qualifier	X		O

Code from an industry code list qualifying the type of service characteristics

234	Product/Service ID	X	O

Identifying number for a product or service

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 WAWF**	

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
610	Amount		M	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 WAWF:

The total Amount of the reported must be correct according to the data submitted with the document or the document will be rejected by WAWF.

	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 WAWF**

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 WAWF document, but will be saved in the form of an attachment to the WAWF document.

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
248	Allowance or Charge Indicator		**M**	**M**	

Code which indicates an allowance or charge for the service specified

A	Allowance	
C	Charge	
N	No Allowance or Charge	

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	**Agency Qualifier Code**		**X**	**O**	

Code identifying the agency assigning the code values

TI	Telecommunications Industry	

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
560	**Special Services Code**		**X**	**O**	

Code identifying the special service

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

331	**Allowance or Charge Method of Handling Code**	**M**	**M**

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

341	**Allowance or Charge Number**	**O**	**O**

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

359	**Allowance or Charge Rate**	**O**	**Not Used**

360	**Allowance or Charge Total Amount**	**O**	**O**

Total dollar amount for the allowance or charge

378	**Allowance /Charge Percent Qualifier**	**O**	**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

332	**Percent**	**X**	**O**

Percent expressed as a percent

380	**Quantity**	**X**	**O**

Numeric value of quantity

355	Unit or Basis for Measurement Code	X	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	

380 **Quantity**   **X**   **Not Used**

352 **Description**   **X**   **O**

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

150	**Special Charge or Allowance Code**	**X**		**O**

Code identifying type of special charge or allowance

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

822	**Source Subqualifier**	**O**		**Not Used**

662	**Relationship Code**	**O**		**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 WAWF**

Syntax Notes for the DTM Segment do not apply at the Summary Level.

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	M	

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

007	Effective
009	Process
050	Received

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
373	Date		X	O	

Date expressed as CCYYMMDD

Segment:	**REF** Reference Identification				

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 WAWF**

Syntax Notes for the REF Segment do not apply at the Summary Level.

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
128	Reference Identificat ion Qualifier		M	M	

Code qualifying the Reference Identification

For WAWF:

See OBF Section 10.4 for valid values.

Refer to 004010 Data Element Dictionary for acceptable code values.

127	Reference Identificat ion		X	O	

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

352	Descriptio n		X	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

128	Reference Identificat ion Qualifier		M	M	

Code qualifying the Reference Identification

| | 127 | Reference Identification | M | M |

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

| | 128 | Reference Identification Qualifier | X | O |

Code qualifying the Reference Identification

| | 127 | Reference Identification | X | O |

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

Segment:	**BAL** Balance Detail				

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 WAWF**

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
951	Balance Type Code		M	M	

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	

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
522	Amount Qualifier Code		M	M	

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	

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
782	Monetary		M	M	

Amount

Monetary amount

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 WAWF**				

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		**M**	**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	

373	Date		**X**	**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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
98	Entity Identifier Code		M	M	

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

93	Name		X	O	

Free-form name

66	Identification Code Qualifier		X	O	

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	

67	**Identificat ion Code**	**X**		**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.

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 WAWF**		

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
951	Balance Type Code	**M**	**M**	

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

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
522	Amount Qualifier Code	**M**	**M**	

Code to qualify amount

AD	Adjusted Total

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
782	Monetary Amount	**M**	**M**	

Monetary amount

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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	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	

373	Date		X	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:	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 WAWF**	

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
248	Allowance or Charge Indicator		M	M	

Code which indicates an allowance or charge for the service specified

A	Allowance	
C	Charge	
N	No Allowance or Charge	

559	Agency Qualifier Code		X	O	

Code identifying the agency assigning the code values

TI	Telecommunications Industry	

560	Special Services Code		X	O	

Code identifying the special service
DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

| 331 | **Allowance or Charge Method of Handling Code** | **M** | **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

| 341 | **Allowance or Charge Number** | **O** | **O** |

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

| 359 | **Allowance or Charge Rate** | **O** | **O** |

Allowance or Charge Rate per Unit

| 360 | **Allowance or Charge Total Amount** | **O** | **O** |

Total dollar amount for the allowance or charge

| 378 | **Allowance /Charge Percent Qualifier** | **O** | **Not Used** |

| 332 | **Percent** | **X** | **O** |

Percent expressed as a percent

| 380 | **Quantity** | **X** | **O** |

Numeric value of quantity

| 355 | **Unit or Basis for Measurement Code** | **X** | **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		
380	**Quantity**	**X**	**Not Used**
352	**Description**	**X**	**O**

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

150	**Special Charge or**	**X**	**O**

Allowance Code

Code identifying type of special charge or allowance

DoD/Federal IC Notes:

See OBF Section 10.4 for a list of valid values.

822	Source Subqualifier		O		Not Used

662	Relationship Code		O		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

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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	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

373	Date		X	O	

Date expressed as CCYYMMDD

	Segment:	**SI** Service Characteristic Identification

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:
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.

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
559	Agency Qualifier Code		M	M	

Code identifying the agency assigning the code values

| 1000 | Service Characteristics Qualifier | | M | M | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | M | M | |

Identifying number for a product or service

| 1000 | Service Characteristics Qualifier | | X | O | |

Code from an industry code list qualifying the type of service characteristics

| 234 | Product/Service ID | | X | O | |

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	.**O**]	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	.**O**]	

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	.**O**]	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	.**O**]	

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	.**O**]	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	.**O**]	

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	.**O**]	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	.**O**]	

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	**O**	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	**O**	

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	**O**	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	**O**	

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	**O**	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	**O**	

Identifying number for a product or service

1000	**Service Characteristics Qualifier**	**X**	**O**	

Code from an industry code list qualifying the type of service characteristics

234	**Product/Service ID**	**X**	**O**	

Identifying number for a product or service

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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
128	Reference Identification Qualifier	M	M	

Code qualifying the Reference Identification

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	

127	Reference Identification	X	O	

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

		Reference Identification Qualifier		
352	**Description**		X	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

128	**Reference Identification Qualifier**		M	M

Code qualifying the Reference Identification

127	**Reference Identification**		M	M

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

128	**Reference Identification Qualifier**		X	O

Code qualifying the Reference Identification

127	**Reference Identification**		X	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
554	Assigned Number		M	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
128	Reference Identification Qualifier		M	M	

Code qualifying the Reference Identification

	127	Reference Identification		X	O

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

352	Description		X	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

128	Reference Identification Qualifier		M	M	

Code qualifying the Reference Identification

127	Reference Identification		M	M	

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

| 128 | **Reference Identification Qualifier** | **X** | **O** |

Code qualifying the Reference Identification

| 127 | **Reference Identification** | **X** | **O** |

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

				Segment:	**AMT** **Monetary Amount**

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
522	Amount Qualifier Code		**M**	**M**	

Code to qualify amount

1E	Fixed Price
LM	Limit
NR	Nonrecurring
RJ	Rate Amount
ZT	Prorated Amount

782	Monetary Amount		**M**	**M**	

Monetary amount

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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	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	

373	Date		X	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:	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 WAWF**

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

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
248	Allowance or Charge Indicator		M	M	
		Code which indicates an allowance or charge for the service specified			
559	Agency Qualifier Code		X	O	
		Code identifying the agency assigning the code values			
560	Special Services Code		X	O	
		Code identifying the special service			
331	Allowance or Charge Method of Handling Code		M	M	

Code indicating method of handling for an allowance or charge

| 341 | Allowance or Charge Number | O | O |

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

| 359 | Allowance or Charge Rate | O | Not Used |

| 360 | Allowance or Charge Total Amount | O | O |

Total dollar amount for the allowance or charge

| 378 | Allowance /Charge Percent Qualifier | O | O |

Code indicating on what basis allowance or charge percent is calculated

| 332 | Percent | X | O |

Percent expressed as a percent

| 380 | Quantity | X | O |

Numeric value of quantity

| 355 | Unit or Basis for Measurem ent Code | X | O |

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

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

| 380 | **Quantity** | **X** | **Not Used** |

| 352 | **Description** | **X** | **O** |

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

| 150 | **Special Charge or Allowance Code** | **X** | **O** |

Code identifying type of special charge or allowance

| 822 | **Source Subqualifier** | **O** | **Not Used** |

| 662 | **Relationship Code** | **O** | **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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
374	Date/Time Qualifier		M	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
373	Date		X	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

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
354	Number of Line Items	**M**		**M**	

Total number of line items in the transaction set

DoD/Federal IC Notes:

Number of IT1 segments in this transaction set.

For WAWF:

There must be one instance of CTT per transaction.

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
347	Hash Total	**O**		**O**	

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.

	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 WAWF**

There must be only one instance of SE per transaction.

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
96	Number of Included Segments		M	M (	

Total number of segments included in a transaction set including ST and SE segments

| 329 | Transaction Set Control Number | | M | M] | |

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.