811 Consolidated Service Invoice/Statement

Functional Group ID=CI

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Consolidated Service Invoice/Statement Transaction Set (811) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the billing or reporting of complex and structured service invoice/statement detail. This standard can be used by organizations who are interested in sending or receiving either consolidated or standalone invoices for service arrangements which require processing other than that done for the typical product invoice. The Consolidated Service Invoice/Statement can be used as a credit/debit memo to differentiate between payable invoice items and information-only memo items. This transaction set should not be used as a standalone notification of a credit/debit adjustment.

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.

Heading:

Page <u>No.</u>	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
6	010	<u>ID</u> ST	Transaction Set Header	M	1	ziepene	<u>Commonts</u>
7	020	BIG	Beginning Segment for Invoice	M	1		
9	030	NTE	Note/Special Instruction	O	100		
10	040	CUR	Currency	O	1		
13	050	REF	Reference Identification	O	>1		
15	060	PER	Administrative Communications Contact	O	3		
17	070	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
19	080	DTM	Date/Time Reference	O	10		
20	090	TXI	Tax Information	O	>1		
			LOOP ID - N1		·	>1	
22	100	N1	Name	O	1		
24	110	N2	Additional Name Information	O	2		
25	120	N3	Address Information	O	2		
26	130	N4	Geographic Location	O	1		

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27	140	REF	Reference Identification	O	12		1
30	150	PER	Administrative Communications Contact	O	3		
Not Used	155	DMG	Demographic Information	O	1		
			LOOP ID - FA1			>1	
Not Used	170	FA1	LOOP ID - FA1 Type of Financial Accounting Data	0	1	>1	

Detail:

Page <u>No.</u>	Pos. No.	Seg. <u>ID</u>	Name LOOP ID - HL	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
32	010	HL	Hierarchical Level	M	1	>1	n1
32	010	IIL	LOOP ID - LX	111	1	>1	111
34	020	LX	Assigned Number	0	1		
Not Used	025	VEH	Vehicle Information	O	1		
35	030	SI	Service Characteristic Identification	О	8		
37	040	PID	Product/Item Description	O	200		
Not Used	045	MEA	Measurements	О	20		
38	050	REF	Reference Identification	О	>1		
41	060	AMT	Monetary Amount	О	5		
43	070	DTM	Date/Time Reference	О	8		
45	080	TXI	Tax Information	O	>1		
			LOOP ID - QTY			10	
47	090	QTY	Quantity	О	1		
50	100	SI	Service Characteristic Identification	O	1		
			LOOP ID - NM1			1	
52	110	NM1	Individual or Organizational Name	О	1		n2
54	120	N2	Additional Name Information	O	2		
55	130	N3	Address Information	O	2		
56	140	N4	Geographic Location	O	1		
57	150	REF	Reference Identification	O	2		
60	160	PER	Administrative Communications Contact	O	>1		
63	170	TXI	Tax Information	O	>1		
Not Used	175	DMG	Demographic Information	O	1		
			LOOP ID - ITA			>1	
65	180	ITA	Allowance, Charge or Service	О	1		
68	190	DTM	Date/Time Reference	O	1		
69	200	TXI	Tax Information	O	>1		
			LOOP ID - IT1			999999	
71	210	IT1	Baseline Item Data (Invoice)	О	1		n3
73	220	SI	Service Characteristic Identification	O	2		
75	230	PID	Product/Item Description	O	200		
Not Used	235	MEA	Measurements	O	20		
76	240	INC	Installment Information	O	1		
78	250	TXI	Tax Information	O	>1		

80	260	REF	Reference Identification	0	8		
82	270	DTM	Date/Time Reference	0	10		
84	280	MSG	Message Text	0	>1		
85	285	AMT	Monetary Amount	0	1		
65	263	AWII	LOOP ID - QTY		1	>1	
86	290	QTY	Quantity	0	1	/ 1	
89	300	SI	Service Characteristic Identification	0	1		
09	300	51			1		
			LOOP ID - ITA			10	
91	310	ITA	Allowance, Charge or Service	О	1		
94	320	DTM	Date/Time Reference	О	1		
95	330	TXI	Tax Information	О	>1		
			LOOP ID - NM1	•		>1	
97	340	NM1	Individual or Organizational Name	O	1		
99	350	N2	Additional Name Information	O	2		
100	360	N3	Address Information	O	2		
101	370	N4	Geographic Location	O	1		
102	380	PER	Administrative Communications Contact	O	3		
Not Used	385	NX2	Location ID Component	O	>1	n4	
Not Used	387	DMG	Demographic Information	O	1		
			LOOP ID - SLN		·	>1	
105	390	SLN	Subline Item Detail	0	1	n5	
108	400	SI	Service Characteristic Identification	O	10		
110	410	PID	Product/Item Description	O	200		
Not Used	415	MEA	Measurements	O	20		
111	420	CUR	Currency	O	1		
113	430	INC	Installment Information	O	1		
115	440	ITA	Allowance, Charge or Service	O	10		
118	450	TXI	Tax Information	O	>1		
120	460	REF	Reference Identification	O	>1		
122	470	PER	Administrative Communications Contact	O	3		
125	480	DTM	Date/Time Reference	O	10		
127	490	AMT	Monetary Amount	O	15		
129	500	MSG	Message Text	O	>1		
			LOOP ID - QTY			>1	
130	510	QTY	Quantity	O	1		
133	520	SI	Service Characteristic Identification	O	1		
			LOOP ID - NM1			>1	
135	530	NM1	Individual or Organizational Name	О	1		
137	540	N2	Additional Name Information	O	2		
138	550	N3	Address Information	O	2		
139	560	N4	Geographic Location	O	1		
140	570	REF	Reference Identification	O	8		
142	580	PER	Administrative Communications Contact	O	3		
Not Used	585	DMG	Demographic Information	O	1		
			LOOP ID - TCD			>1	

144	590	TCD	Itemized Call Detail	O	1	n6
147	600	SI	Service Characteristic Identification	O	2	
149	610	TXI	Tax Information	O	>1	
151	615	ITA	Allowance, Charge or Service	O	>1	
			LOOP ID - QTY			>1
154	617	QTY	Quantity	O	1	
157	618	SI	Service Characteristic Identification	O	1	
			LOOP ID - USD			>1
159	620	USD	Usage-Sensitive Detail	O	1	n7
163	625	SI	Service Characteristic Identification	O	2	
165	630	ITA	Allowance, Charge or Service	О	2	
168	640	TRF	Rating Factors	O	18	
			LOOP ID - QTY			>1
171	650	QTY	Quantity	O	1	
174	660	SI	Service Characteristic Identification	O	1	
			LOOP ID - III			>1
Not Used	670	III	LOOP ID - III Information	O	1	>1
Not Used Not Used	670 680	III DTP		0	1 5	>l
			Information			>1
Not Used	680	DTP	Information Date or Time or Period	O	5	>1
Not Used Not Used	680 690	DTP AMT	Information Date or Time or Period Monetary Amount	O O	5 5	>l >l
Not Used Not Used	680 690	DTP AMT	Information Date or Time or Period Monetary Amount Percent Amounts	O O	5 5	
Not Used Not Used Not Used	680 690 700	DTP AMT PCT	Information Date or Time or Period Monetary Amount Percent Amounts LOOP ID - LQ	0 0 0	5 5 5	
Not Used Not Used Not Used	680 690 700 710	DTP AMT PCT	Information Date or Time or Period Monetary Amount Percent Amounts LOOP ID - LQ Industry Code	0 0 0	5 5 5	
Not Used Not Used Not Used Not Used Not Used	680 690 700 710 720	DTP AMT PCT LQ AMT	Information Date or Time or Period Monetary Amount Percent Amounts LOOP ID - LQ Industry Code Monetary Amount	0 0 0	5 5 5 1 5	
Not Used Not Used Not Used Not Used Not Used	680 690 700 710 720	DTP AMT PCT LQ AMT	Information Date or Time or Period Monetary Amount Percent Amounts LOOP ID - LQ Industry Code Monetary Amount Percent Amounts	0 0 0	5 5 5 1 5	>1
Not Used Not Used Not Used Not Used Not Used Not Used	680 690 700 710 720 730	DTP AMT PCT LQ AMT PCT	Information Date or Time or Period Monetary Amount Percent Amounts LOOP ID - LQ Industry Code Monetary Amount Percent Amounts LOOP ID - FA1	0 0 0	5 5 5 1 5 5	>1

Summary:

Page No. 176	Pos. <u>No.</u> 010	Seg. <u>ID</u> TDS	Name Total Monetary Value Summary	Req. Des. M	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - ITA	•		>1	
177	020	ITA	Allowance, Charge or Service	O	1		
180	030	DTM	Date/Time Reference	O	1		
181	035	REF	Reference Identification	O	5		
			LOOP ID - BAL			>1	
182	040	BAL	Balance Detail	O	1		
183	050	DTM	Date/Time Reference	O	1		
			LOOP ID - N1			>1	
184	060	N1	Name	O	1		
			LOOP ID - BAL	•	•	>1	
185	070	BAL	Balance Detail	O	1		
186	080	DTM	Date/Time Reference	О	1		

			LOOP ID - ITA	-		>1
187	090	ITA	Allowance, Charge or Service	0	1	
190	100	DTM	Date/Time Reference	O	2	
Not Used	102	AMT	Monetary Amount	O	1	
191	103	SI	Service Characteristic Identification	O	2	
193	105	REF	Reference Identification	O	5	
Not Used	106	CUR	Currency	O	1	
			LOOP ID - LX			>1
195	107	LX	Assigned Number	O	1	
196	108	REF	Reference Identification	O	1	
			LOOP ID - AMT		•	>1
197	109	AMT	Monetary Amount	O	1	
198	110	DTM	Date/Time Reference	O	1	
			LOOP ID - ITA			>1
199	111	ITA	Allowance, Charge or Service	O	1	
201	112	DTM	Date/Time Reference	O	1	
202	115	CTT	Transaction Totals	O	1	n8
203	120	SE	Transaction Set Trailer	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 NX2 segment is used to convey parsed address information.
- 5. The SLN loop may only appear at the charge detail level.
- **6.** The TCD loop may only appear at the line detail level.
- 7. The USD loop may only appear at the line detail level.
- **8.** 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: Mandatory

Max Use:

Purpose:

To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes: 1 The transaction set

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:

M	Ref. Des. ST01	Data Element 143	Name Transaction Set Identifier Code	Attr M	ributes ID 3/3
			Code uniquely identifying a Transaction Set 811 Consolidated Service Invoice/Statement		
M	ST02	329	Transaction Set Control Number	M	AN 4/9
			Identifying control number that must be unique within the transfunctional group assigned by the originator for a transaction s		ion set

Segment: BIG Beginning Segment for Invoice

Position: 020

Loop:

Level: Heading Usage: Mandatory

Max Use:

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.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
\mathbf{M}	BIG01	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
M	BIG02	76	Invoice Number	M AN 1/22
			Identifying number assigned by issuer	
			OBF recommends that this number be unique. used to make this number unique is to join the actinvoice date.	•
	BIG03	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	BIG04	324	Purchase Order Number	O AN 1/22
Not Used	BIG05	328	Release Number	O AN 1/30
Not Used	BIG06	327	Change Order Sequence Number	O AN 1/8
	BIG07	640	Transaction Type Code	O ID 2/2

Code specifying the type of transaction

26	Miscellaneous Services Invoice
CD	Consolidated Debit Invoice
CE	Consolidated Credit Invoice
CF	Consolidated Debit Memo
CG	Consolidated Credit Memo
CI	Consolidated Invoice
CM	Call Detail Memo
CN	Credit Invoice
CO	Corrected
CR	Credit Memo
DI	Debit Invoice
DR	Debit Memo
FB	Final Bill
FD	Consolidated Invoice, Final Bill
FE	Memorandum, Final Bill
FI	First Cost Invoice

Not Used	BIG10	76	Invoice Number		0	AN 1/22
Not Used	BIG09	306	Action Code		0	ID 1/2
			05	Replace		
			01	Cancellation		
			00	Original		
			Code identifying p	urpose of transaction set		
	BIG08	353	Transaction Set Purpose Code		O	ID 2/2
			RG	Revised Final Bill		
			ME	Memorandum		

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.

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>		Attr	<u>ibutes</u>
	NTE01	363	Note Reference C	Code	O	ID 3/3
			Code identifying t	he functional area or purpose for which th	e note	applies
			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		
M	NTE02	352	Description		\mathbf{M}	AN 1/80
			A free-form descri	intion to clarify the related data elements a	nd the	ir content

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

NTE02 must be used if NTE01 is used.

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	040 Heading Optional 1 To specif 1 If Ct 2 If Ct 3 If Ct 4 If Ct 5 If Ct 6 If Ct 7 If Ct 8 If Ct 10 If Ct 11	UR08 is pruled in the property of the property	rency (dollars, present, then CU resent, then CU	pounds, francs, etc.) used in UR07 is required. UR07 is required. east one of CUR11 or CUR UR10 is required. UR10 is required. east one of CUR14 or CUR UR13 is required. UR13 is required. UR16 is required. east one of CUR17 or CUR UR16 is required. UR16 is required. UR16 is required. East one of CUR20 or CUR UR19 is required. UR19 is required. UR19 is required. East one of CUR20 or CUR	12 is required 15 is required 18 is required 21 is required	I. I. I.
	D. f	D-4-	J	Data Element	Summary		
M	Ref. <u>Des.</u> CUR01	Data <u>Element</u> 98	<u>Name</u> Entity Io	dentifier Code		At M	tributes I ID 2/3
			Code ide individua BY PR	al Bi	ganizational entity, a physica nying Party (Purchaser) nyer	d location, pro	operty or an
M	CUR02	100	Currenc	cy Code			I ID 3/3
			CAD C	anada, Dollar	or country in whose currency S'America, Dollars	the charges	are specified
	CUR03	280	For addi Exchang		request ISO 4217 Currency	Code List.	R 4/10
				be used as a me currency to an	ultiplier conversion factor to	o convert moi	netary value
	CUR04	98	Entity Io	dentifier Code	!	O	
			Code ide individua		ganizational entity, a physica	ıl location, pr	operty or an
			PE		iyee		
			PM		arty to receive paper Memo	of Invoice	
			RI		emit To		
			SE	Se	elling Party		

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

O ID 3/3

Service Provider

SJ

Currency Code

100

CUR05

			CAD Canad			
			USD United	l States of America, Dollars		
			For additiona	ul values, request ISO 4217 Currency Code I	ist	
	CUR06	669		arket/Exchange Code	0	ID 3/3
				ing the market upon which the currency exchange	ange ra	te is based
			IMF	International Monetary Fund	υ	
			LNF	London (England) Exchange - First C	losing	
			LNS	London (England) Exchange - Second	_	19
			NYC	New York Foreign Exchange		6
			PHI	Philadelphia Foreign Exchange		
			ZUR	Zurich (Switzerland) Exchange		
	CUR07	374	Date/Time Q		X	ID 3/3
	CCIO	0,1		ing type of date or time, or both date and time		12 0/0
			001	Cancel After		
			003	Invoice		
			007	Effective		
			007	Effective date of exchange		
			009	Process		
			035	Delivered		
			092	Contract Effective		
			093	Contract Expiration		
			102	Issue		
			150	Service Period Start		
			150	Service Period End		
			151	Effective Date of Change		
			152	Service Interruption		
			153	Adjustment Period Start		
			155	Adjustment Period Start Adjustment Period End		
	CUR08	373	Date	Adjustificht Feriod Elid	O	DT 8/8
	CUNUO	313		ed as CCYYMMDD	U	D1 0/0
	CUR09	337	Time	ed as CC I I WIWIDD	0	TM 4/8
	CURUS	331		ad in 24 hour aloak time as follows: HHMM	_	
				ed in 24-hour clock time as follows: HHMM, or HHMMSSDD, where H = hours (00-23), N		
				nteger seconds (00-59) and DD = decimal sec		
				expressed as follows: $D = tenths (0-9)$ and DD		
			(00-99)			
Not Used	CUR10	374	Date/Time Q	ualifier	X	ID 3/3
Not Used	CUR11	373	Date		X	DT 8/8
Not Used	CUR12	337	Time		X	TM 4/8
Not Used	CUR13	374	Date/Time Q	ualifier	X	ID 3/3
Not Used	CUR14	373	Date		X	DT 8/8
Not Used	CUR15	337	Time		X	TM 4/8
Not Used	CUR16	374	Date/Time Q	ualifier	X	ID 3/3
Not Used	CUR17	373	Date		X	DT 8/8
Not Used	CUR18	337	Time		X	TM 4/8
Not Used	CUR19	374	Date/Time Q	ualifier	X	ID 3/3
Not Used	CUR20	373	Date		X	DT 8/8

Not Used CUR21 337 Time X TM 4/8

REF Reference Identification **Segment:**

Position:

Loop:

Level: Heading Usage: Optional Max Use:

Purpose: To specify identifying information

Syntax Notes: At least one of REF02 or REF03 is required.

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 Flement Summary

			Data Elem	ent Summary	
	Ref.	Data			
	Des.	Element	<u>Name</u>		Attributes
M	REF01	128	Reference Identific	_	M ID 2/3
				Reference Identification	
			11	Account Number	
			12	Billing Account	
			14	Master Account Number	
			8M	Originating Company Identifier	
			8N	Receiving Company Identifier	
			AAO	Carrier Assigned Code	
			AP	Accounts Receivable Number	
			BB	Authorization Number	
			BF	Billing Center Identification	
			BLT	Billing Type	
			CR	Customer Reference Number	
			CT	Contract Number	
			DO	Delivery Order Number	
			E9	Attachment Code	
			EH	Financial Classification Code	
			FS	Final Sequence Number	
			HB	Bill & Hold Invoice Number	
			IV	Seller's Invoice Number	
			KL	Contract Reference	
			LJ	Local Jurisdiction	
			LU	Location Number	
			P4	Project Code	
			PO	Purchase Order Number	
			R0	Regiristo Federal de Contribuyentes (M Tax ID Number)	lexican Federal
			RE	Release Number	
			SI	Shipper's Identifying Number for Shipp	nent (SID)
			SU	Special Processing Code	
			V0	Version	
			T / N T	V 1 0 1 N 1	

Vendor Order Number

VN

			YN	Receiver ID Qualifier		
			ZH	Carrier Assigned Reference Number		
			ZZ	Mutually Defined		
	REF02	127	Reference Ide	entification	X	AN 1/30
			Reference info	ormation as defined for a particular Transaction	n Set o	or as
				e Reference Identification Qualifier		
	REF03	352	Description		X	AN 1/80
			A free-form de	escription to clarify the related data elements	and the	eir content
	REF04	C040	Reference Ide	entifier	O	
			•	e or more reference numbers or identification the Reference Qualifier	numb	ers as
M	C04001	128	Reference Ide	entification Qualifier	M	ID 2/3
			Code qualifying	ng the Reference Identification		
			ACB	Region		
			BLT	Billing Type		
			SU	Special Processing Code		
M	C04002	127	Reference Ide	entification	M	AN 1/30
				ormation as defined for a particular Transaction Reference Identification Qualifier	n Set o	or as
	C04003	128	Reference Ide	entification Qualifier	X	ID 2/3
			Code qualifying	ng the Reference Identification		
			SU	Special Processing Code		
	C04004	127	Reference Ide	entification	\mathbf{X}	AN 1/30
				ormation as defined for a particular Transaction	n Set o	or as
	G0.400.	4.00		e Reference Identification Qualifier		
Not Used	C04005	128		entification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Ide	entification	X	AN 1/30

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.

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:

	- 0	-	Data Elen	nent Summary		
	Ref. <u>Des.</u>	Data Element	Name		A tt.	ibutes
M	PER01	366	Contact Function	Code		ID 2/2
				ne major duty or responsibility of the person	n or	group named
			AR	Accounts Receivable Department		
			CC	Computer Systems Contact		
			OD	Order Department		
	PER02	93	Name		O	AN 1/60
			Free-form name			
	PER03	365	Communication N	Number Qualifier	\mathbf{X}	ID 2/2
			Code identifying th	ne type of communication number		
			AU	Defense Switched Network		
				This code is to be used only within the government.	feder	al
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
	PER04	364	Communication N	Number	X	AN 1/80
				10000		
				ications number including country or area		when
	PER05	365	Complete communapplicable Communication N	ications number including country or area		when ID 2/2
	PER05	365	applicable Communication N	ications number including country or area	code	
	PER05	365	applicable Communication N	ications number including country or area	code	
	PER05	365	applicable Communication N Code identifying the	ications number including country or area Number Qualifier ne type of communication number	code	ID 2/2
	PER05	365	applicable Communication N Code identifying the	Number Qualifier the type of communication number Defense Switched Network This code is to be used only within the	code	ID 2/2
	PER05	365	applicable Communication M Code identifying th AU	Number Qualifier ne type of communication number Defense Switched Network This code is to be used only within the government.	code	ID 2/2
	PER05	365	applicable Communication M Code identifying the AU EM FX TE	Number Qualifier ne type of communication number Defense Switched Network This code is to be used only within the government. Electronic Mail Facsimile Telephone	code	ID 2/2
	PER05	365 364	applicable Communication M Code identifying the AU EM FX TE Communication M	Number Qualifier ne type of communication number Defense Switched Network This code is to be used only within the government. Electronic Mail Facsimile Telephone Number	code X feder	ID 2/2 al AN 1/80
			applicable Communication M Code identifying the AU EM FX TE Communication M	Number Qualifier ne type of communication number Defense Switched Network This code is to be used only within the government. Electronic Mail Facsimile Telephone	code X feder	ID 2/2 al AN 1/80
			applicable Communication M Code identifying the AU EM FX TE Communication M Complete communication M	Number Qualifier ne type of communication number Defense Switched Network This code is to be used only within the government. Electronic Mail Facsimile Telephone Number iications number including country or area	code X feder	ID 2/2 al AN 1/80
	PER06	364	applicable Communication M Code identifying the AU EM FX TE Communication M Complete communication M applicable Communication M	Number Qualifier ne type of communication number Defense Switched Network This code is to be used only within the government. Electronic Mail Facsimile Telephone Number iications number including country or area	code X feder X code	ID 2/2 al AN 1/80 when
	PER06	364	applicable Communication M Code identifying the AU EM FX TE Communication M Complete communication M applicable Communication M	Number Qualifier ne type of communication number Defense Switched Network This code is to be used only within the government. Electronic Mail Facsimile Telephone Number ications number including country or area	code X feder X code	ID 2/2 al AN 1/80 when

			TE Telephone		
	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or area	ı code	when
			applicable		
Not Used	PER09	443	Contact Inquiry Reference	O	AN 1/20

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: To specify due date and late payment terms.

		Data Eleme	ent Summary		
Ref.	Data				
Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ributes</u>
ITD01	336	Terms Type Code		O	ID 2/2
		Code identifying typ	pe of payment terms		
		03	Fixed Date		
		08	Basic Discount Offered		
		10	Instant		
		18	Fixed Date, Late Payment Penalty Appli	ies	
		22	Cash Discount Terms Apply		
ITD02	333	Terms Basis Date (Code	O	ID 1/2
		Code identifying the	beginning of the terms period		
		3	Invoice Date		
		5	Invoice Receipt Date		
ITD03	338	Terms Discount Pe	rcent	O	R 1/6
			entage, expressed as a percent, available	to the	e purchaser if
			or before the Terms Discount Due Date		
ITD04	370	Terms Discount Du		X	DT 8/8
			if discount is to be earned expressed in f	orma	t
ITD05	351	CCYYMMDD Terms Discount Da	ave Dua	X	N0 1/3
111003	331		he terms discount period by which payme		
		discount is earned	the terms discount period by which payme	11t 15	due ii ternis
ITD06	446	Terms Net Due Dat	te	O	DT 8/8
		Date when total invo	pice amount becomes due expressed in for	rmat	
		CCYYMMDD			
		-	te Payment Charge applies.		
ITD07	386	Terms Net Days		O	N0 1/3
		•	il total invoice amount is due (discount no	ot app	olicable)
ITD08	362	Terms Discount An	nount	O	N2 1/10
		Total amount of term	ns discount		
ITD09	388	Terms Deferred Du	ie Date	O	DT 8/8
		Date deferred payme CCYYMMDD	ent or percent of invoice payable is due en	kpres	sed in format

	ITD10	389	Deferred Am	ount Due	X	N2 1/10
			Deferred amor	unt due for payment		
			Put Late Payn	nent Charge here until X12 approves additio	n of I	TD16.
	ITD11	342	Percent of In	voice Payable	X	R 1/5
			Amount of inv	voice payable expressed in percent		
Not Used	ITD12	352	Description		O	AN 1/80
	ITD13	765	Day of Montl	h	X	N0 1/2
				The numeric value of the day of the month between 1 and the month being referenced		
	ITD14	107	Payment Met	thod Code	O	ID 1/2
			Code identifyi	ing type of payment procedures		
			AC	Credit Card		
			C	Pay By Check		
			E	Electronic Payment System		
	ITD15	954	Percent		0	R 1/10
			Percentage ex	pressed as a decimal		
			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 If DTM04 is present, then DTM03 is required.

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

3 At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes:

Comments:

Notes: To specify billing period.

	Ref.	Data	2	Ziement summur y		
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	DTM01	374	Date/Time Q	ualifier	M	ID $3/3$
			Code specifying	ng type of date or time, or both date and time		
			186	Invoice Period Start		
			187	Invoice Period End		
	DTM02	373	Date		X	DT 8/8
			Date expresse	d as CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8
Not Used	DTM04	623	Time Code		O	ID 2/2
Not Used	DTM05	1250	Date Time Pe	eriod Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Pe	eriod	X	AN 1/35

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:

	D - 6	D-4-	Data Element Summary		
M	Ref. <u>Des.</u> TXI01	Data Element 963	Name Tax Type Code Code specifying the type of tax	_	ributes ID 2/2
			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 UL License Tax Refer to 004010 Data Element Dictionary for acceptable code		
Not Used	TXI02	782	Monetary Amount	X	R 1/18
	TXI03	954	Percent	X	R 1/10
			Percentage expressed as a decimal		
			Tax rate for this tax jurisdiction.		
	TXI04	955	Tax Jurisdiction Code Qualifier	X	ID 2/2
			Code identifying the source of the data used in tax jurisdiction		
			Refer to 004010 Data Element Dictionary for acceptable cod		
	TXI05	956	Tax Jurisdiction Code	X	AN 1/10
	TPX/10.6	444	Code identifying the taxing jurisdiction	3 7	ID 4/4
	TXI06	441	Tax Exempt Code	X	ID 1/1
			Code identifying exemption status from sales and use tax		

		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
TXI07	662	Relationship Cod	e	O	ID 1/1
		Code indicating the	e relationship between entities		
		A	Add		
		D	Delete		
		O	Information Only		
TXI08	828	Dollar Basis For l	Percent	O	R 1/9
		Dollar basis to be tax	used in the percent calculation of the allow	ance,	charge or
TXI09	325	Tax Identification	n Number	O	AN 1/20
		_	o a purchaser (buyer, orderer) by a taxing called a tax exemption number or certific		
TXI10	350	Assigned Identific	cation	O	AN 1/20
		Alphanumeric char	racters assigned for differentiation within a	a tran	saction set

Segment: N1 Name

Position: 100

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes: Comments:

1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

2 N105 and N106 further define the type of entity in N101.

			Data Elem	ent Summary		
	Ref.	Data	•			••
M	<u>Des.</u> N101	Element 98	Name Entity Identifier C	Sodo	Attr M	ributes ID 2/3
IVI	NIUI	90	•	code n organizational entity, a physical location		
			individual	i organizational entity, a physical location	, prop	berty of an
			AAA	Sub-account		
			BY	Buying Party (Purchaser)		
			C4	Contract Administration Office		
			L1	Inspection Location		
			PE	Payee		
			PO	Party to Receive Invoice for Goods or S	ervic	es
			PR	Payer		
			SV	Service Performance Site		
	N102	93	Name		\mathbf{X}	AN 1/60
			Free-form name			
	N103	66	Identification Cod	e Qualifier	X	ID 1/2
			Code designating the Code (67)	ne system/method of code structure used f	or Ide	entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Fo Suffix	ur Ch	aracter
			10	Department of Defense Activity Addres (DODAAC)	s Coo	le
				This code is to be used only within the government.	feder	al
			33	Commercial and Government Entity (C.	AGE))
				This code is to be used only within the government.	feder	al
			40	Electronic Mail User Code		
			41	Telecommunications Carrier Identificat	ion C	ode
			42	Telecommunications Pseudo Carrier Ide	entific	cation Code
			91	Assigned by Seller or Seller's Agent		
			92	Assigned by Buyer or Buyer's Agent		
			A2	Military Assistance Program Address C	ode (MAPAC)

	N104	67	Identification Code	X	AN 2/80	
			Code identifying a party or other code			
			If N103 = '41' use CIC code list maintained by Lockheed Martin. If N103 = '42' use Pseudo-CIC list provided in OBF Section 10.4.			
Not Used	N105	706	Entity Relationship Code	0	ID 2/2	
Not Used	N106	98	Entity Identifier Code	O	ID 2/3	

Segment: N2 Additional Name Information

Position: 110

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes: Semantic Notes:

Comments:

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

N3 Address Information **Segment:**

Position: 120

Loop: N1 Optional

Level: Heading Usage: Optional Max Use:

To specify the location of the named party **Purpose:**

Syntax Notes: Semantic Notes: Comments:

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

Segment: N4 Geographic Location

Position: 130

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To specify the geographic place of the named party

Syntax Notes: Semantic Notes: Comments: 1 If N406 is present, then N405 is required.

- 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.

Ref.	Data	2 2	can summury		
Des.	Element	<u>Name</u>		Att	<u>ributes</u>
N401	19	City Name		O	AN 2/30
		Free-form text for o	city name		
N402	156	State or Province	Code	O	ID 2/2
		Code (Standard Sta	te/Province) as defined by appropriate go	vernn	nent agency
N403	116	Postal Code		O	ID 3/15
		_	national postal zone code excluding punc	tuatic	n and blanks
		(zip code for United	d States)		
N404	26	Country Code		O	ID 2/3
		Code identifying th	e country		
N405	309	Location Qualifier	•	X	ID 1/2
		Code identifying ty	pe of location		
		AC	City and State		
		AR	Armed Services Location Designation		
		CC	Country		
		CI	City		
		SP	State/Province		
N406	310	Location Identifier	r	O	AN 1/30
		Code which identify	ies a specific location		

REF Reference Identification **Segment:**

Position:

N1 Loop: Optional

Level: Heading Usage: Optional Max Use: 12

Purpose: To specify identifying information

Syntax Notes: At least one of REF02 or REF03 is required.

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: Comments:

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

			Data Elem	ent Summary	
	Ref.	Data			
	Des.	Element	Name		Attributes
M	REF01	128	Reference Identifie	_	M ID 2/3
				Reference Identification	
			01	American Bankers Assoc. (ABA) Trans Number (Including Check Digit, 9 Digit	its)
			03	Clearing House Interbank Payment Sys Participant Number (3 or 4 Digits)	tem (CHIPS)
			05	Clearing House Interbank Payment Sys Identification (6 digits)	tem (CHIPS) User
			10	Account Managers Code	
			13	Horizontal Coordinate	
			15	Vertical Coordinate	
			1J	Facility ID Number	
			4L	Location-specific Services Reference N	lumber
			6R	Provider Control Number	
			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 Nu	ımber
			IS	Invoice Number Suffix	

			IT	Laterana I Contamona Namalana		
			IT	Internal Customer Number		
			IV	Seller's Invoice Number		
			LB	Lockbox		
			LJ	Local Jurisdiction Location Number		
			LU			
			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 Roc Check, Draft or Wire Payments. Receiv Financial Institution Transit Routing Nu	ing D	epository
			SE	Transfers Serial Number		
			SU	Special Processing Code		
			SX	Service Interrupt Tracking Number		
			TF	Transfer Number		
			TJ	Federal Taxpayer's Identification Numb	er	
			V0	Version		
			VC	Vendor Contract Number		
			VN	Vendor Order Number		
			VR	Vendor ID Number		
			YN	Receiver ID Qualifier		
			ZH	Carrier Assigned Reference Number		
	REF02	127	Reference Identifi		\mathbf{X}	AN 1/30
			Reference information	tion as defined for a particular Transaction	Set o	or as
				eference Identification Qualifier		
	REF03	352	Description		X	AN 1/80
			•	ption to clarify the related data elements a		eir content
	REF04	C040	Reference Identifi		O	
			To identify one or specified by the Re	more reference numbers or identification reference Qualifier	numb	ers as
M	C04001	128	Reference Identifi	ication Qualifier	M	ID 2/3
			Code qualifying the	e Reference Identification		
			ACB	Region		
M	C04002	127	Reference Identifi	ication	M	AN 1/30
				tion as defined for a particular Transaction eference Identification Qualifier	Set	or as
	C04003	128	Reference Identifi	ication Qualifier	X	ID 2/3
			Code qualifying the	e Reference Identification		
			ACB	Region		
	C04004	127	Reference Identifi	ication	X	AN 1/30
				tion as defined for a particular Transaction eference Identification Qualifier	Set o	or as

Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Identification	X	AN 1/30

Segment: PER Administrative Communications Contact

Position: 150

Loop: N1 Optional

Level: Heading Usage: Optional Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.

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

Semantic Notes: Comments:

Data Element Summary

			Data	a Element Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			<u>ributes</u>
M	PER01	366	Contact Fun			ID 2/2
			•	ying the major duty or responsibility of the perso	on or	group named
			AR	Accounts Receivable Department		
			BI	Bill Inquiry Contact		
			IC	Information Contact		
			OD	Order Department		
			TR	Technical Marketing Representative		
	PER02	93	Name		O	AN 1/60
			Free-form na	me		
	PER03	365	Communica	tion Number Qualifier	\mathbf{X}	ID 2/2
			Code identify	ying the type of communication number		
			AU	Defense Switched Network		
				This code is to be used only within the	feder	ral
				government.		
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
	PER04	364	Communica	tion Number	X	AN 1/80
			Complete con applicable	mmunications number including country or area	. code	when
			Complete con applicable.	mmunications number including country or ar	ea co	de when
	PER05	365	Communica	tion Number Qualifier	X	ID 2/2
			Code identify	ying the type of communication number		
			AU	Defense Switched Network		
				This code is to be used only within the	feder	ral
				government.		
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
	PER06	364	Communica	tion Number	\mathbf{X}	AN 1/80
			Complete con	mmunications number including country or area	code	when

applicable

Not Used

PER07	365		Number Qualifier X	ID 2/2
		Code identifying	the type of communication number	
		AA	International Telephone Access Code	
		AB	Joint Facsimile and Phone Number	
		AC	Message Only Voice Number	
		AD	Delivery Location Phone	
		AP	Alternate Telephone	
		AS	Answering Service	
		AU	Defense Switched Network	
		BN	Beeper Number	
		BT	BTX Number	
		CA	Cable	
		CP	Cellular Phone	
		DN	Defense Data Network (DDN)	
		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	
		TE	Telephone	
		TL	Telex	
		TM	Telemail	
		TN	Teletex Number	
		TX	TWX	
		UR	Uniform Resource Locator (URL)	
		VM	Voice Mail	
		WC	Work Cellular	
		WF	Work Facsimile Number	
		WP	Work Phone Number	
PER08	364	Communication		AN 1/80
			unications number including country or area cod-	e when
DEDUU	112	applicable	Reference	AN 1/20
PER09	443	Contact Inquiry	Reference	AN 1/20

Segment: HL Hierarchical Level

Position: 010

Loop: HL Mandatory

Level: Detail
Usage: Mandatory

Max Use:

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:

- 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.

	Ref.	Data					
	Des.	Element	<u>Name</u>	Attı	<u>ibutes</u>		
M	HL01	628	Hierarchical ID Number	M	AN 1/12		
			A unique number assigned by the sender to identify a particu in a hierarchical structure Sequential number assigned to this HL segment.	lar da	ta segment		
	HL02	734	Hierarchical Parent ID Number	0	AN 1/12		
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
	^-		Not used at HL1 (Service Provider).				
M	HL03	735	Hierarchical Level Code	M	ID 1/2		
			Code defining the characteristic of a level in a hierarchical structure				
			Use any code. Listed codes are preferred. 1 Service/Billing Provider				

Refer to 004010 Data Element Dictionary for acceptable code values.

Must Use HL04 736 Hierarchical Child Code

O ID 1/1

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

Use any code.

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:

Purpose: To reference a line number in a transaction set

Syntax Notes: Semantic Notes: Comments:

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''.

Data Element Summary

 Ref. Data

 Des.
 Element
 Name
 Attributes

 M
 LX01
 554
 Assigned Number
 M
 N0 1/6

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: Notes:

SI01 defines the source for each of the service characteristics qualifiers.

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.

	Ref.	Data	v		
3.5	Des.	Element 7.50	Name		ributes
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI05	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI06	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI08	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI10	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI11	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI12	1000	Service Characteristics Qualifier	X	AN 2/2

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

- If PID04 is present, then PID03 is required.
 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.
- PID09 is used to identify the language being used in PID05.

Comments:

- 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:

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.

	Ref.	Data	Data Element Summary			
	Des.	Element	<u>Name</u>	<u>Attributes</u>		
\mathbf{M}	PID01	349	Item Description Type	M	ID 1/1	
			Code indicating the format of a description			
			Refer to 004010 Data Element Dictionary for acceptable co	de valı	ies.	
Not Used	PID02	750	Product/Process Characteristic Code	O	ID 2/3	
	PID03	559	Agency Qualifier Code	\mathbf{X}	ID 2/2	
			Code identifying the agency assigning the code values			
			AS Assigned by Seller			
	PID04	751	Product Description Code	X	AN 1/12	
			A code from an industry code list which provides specific data about a product characteristic			
	PID05	352	Description	X	AN 1/80	
			A free-form description to clarify the related data elements a	and the	eir content	
Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2	
Not Used	PID07	822	Source Subqualifier	O	AN 1/15	
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1	
Not Used	PID09	819	Language Code	O	ID 2/3	

Segment: REF Reference Identification

Position: 050

Loop: LX Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

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.

	Data Element Summary							
	Ref.	Data						
	Des.	Element	Name		Attributes			
M	REF01	128	Reference Identifie	_	M ID 2/3			
				Reference Identification				
			01	American Bankers Assoc. (ABA) Trans Number (Including Check Digit, 9 Digit	ts)			
			03	Clearing House Interbank Payment Sys Participant Number (3 or 4 Digits)	tem (CHIPS)			
			05	Clearing House Interbank Payment Sys Identification (6 digits)	tem (CHIPS) User			
			10	Account Managers Code				
			11	Account Number				
			12	Billing Account				
			13	Horizontal Coordinate				
			14	Master Account Number				
			15	Vertical Coordinate				
			1J	Facility ID Number				
			3J	Office Number				
			4L	Location-specific Services Reference N	lumber			
			6R	Provider Control Number				
			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				

 \mathbf{M}

		EF	Electronic Funds Transfer ID Number	r	
		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 N	Vumber	•
		НВ	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		
		P4	Project Code		
		PO	Purchase Order Number		
		PX	Previous Invoice Number		
		RO	Repetitive Booking Number		
		RT	Payee's Financial Institution Transit R	_	
			Check, Draft or Wire Payments. Rece		
			Financial Institution Transit Routing I Transfers	Number	r for ACH
		SE	Serial Number		
		SU	Special Processing Code		
		SX	Service Interrupt Tracking Number		
		TF	Transfer Number		
		TJ	Federal Taxpayer's Identification Nun	nber	
		V0	Version		
		VC	Vendor Contract Number		
		VN	Vendor Order Number		
		VR	Vendor ID Number		
		YN	Receiver ID Qualifier		
		ZH	Carrier Assigned Reference Number		
REF02	127	Reference Iden	_	X	AN 1/30
		Reference inform	mation as defined for a particular Transaction	on Set	or as
			Reference Identification Qualifier		
REF03	352	Description		X	AN 1/80
	~~.		cription to clarify the related data elements		eir content
REF04	C040	Reference Iden		0	
		•	or more reference numbers or identification	ı numb	ers as
C04001	128	•	Reference Qualifier stification Qualifier	M	ID 2/3
201001			the Reference Identification	111	=10
		1J	Facility ID Number		
			•		

			ACB Region		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier	on Set	or as
	C04003	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
			Code qualifying the Reference Identification		
			ACB Region		
	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier	on Set	or as
Not Used	C04005	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
Not Used	C04006	127	Reference Identification	X	AN 1/30

Segment: AMT Monetary Amount

Position: 060

Loop: LX Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To indicate the total monetary amount

Syntax Notes: Semantic Notes:

Comments:

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".

Data Element Summary

	Ket.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Oualifier Code	M ID 1/3

Code to qualify amount

Code to qualify a	amount
	B", and "SC" are the only valid codes at HL1 (Service
Provider Level).	T' To most
1	Line Item Total
5	Total Invoice Amount
6	Amount Subject to Total Monetary Discount
8	Total Monetary Discount Amount
1E	Fixed Price
AD	Adjusted Total
AP	Amount Prior to Fractionalization
AQ	Average Price Per Call
AS	Average Price Per Minute
AX	Previous Price
BT	Bank Reject Total
CH	Change Amount
CS	Commission Sales
CT	Contract
KO	Committed Amount
LI	Line Item Unit Price
LM	Limit
N	Net
NA	Net Adjustment
NO	Non Commission Sales
NR	Nonrecurring
NS	Net Savings Amount
PB	Billed Amount
RJ	Rate Amount
SC	Total Service Charge
TP	Total payment amount
TS	Total Sales
TT	Total Transaction Amount
ZT	Prorated Amount

\mathbf{M}	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
Not Used	AMT03	478	Credit/Debit Flag Code	O ID 1/1

Segment: DTM Date/Time Reference

Position: 070

Loop: LX Optional

Level: Detail
Usage: Optional
Max Use: 8

Purpose: To specify pertinent dates and times

Syntax Notes: 1 If DTM04 is present, then DTM03 is required.

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

Semantic Notes: Comments:

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.

Data Element Summary						
	Ref.	Data				
	Des.	Element	Name			<u>ributes</u>
M	DTM01	374	Date/Time Qualific		M	ID 3/3
				be 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		
			153	Service Interruption		
			154	Adjustment Period Start		
			155	Adjustment Period End		
			193	Period Start		
			194	Period End		
			197	End		
			198	Completion		
			306	Adjustment Effective Date		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date		\mathbf{X}	DT 8/8
			Date expressed as C	CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8

Not Used	DTM04	623	Time Code	0	ID 2/2
Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period	X	AN 1/35

TXI Tax Information **Segment: Position:** Loop: LX **Optional** Level: Detail Usage: Optional Max Use: **Purpose:** To specify tax information **Syntax Notes:** At least one of TXI02 TXI03 or TXI06 is required. 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. TXI03 is the tax percent expressed as a decimal. TXI07 is a code indicating the relationship of the price or amount to the associated segment. **Comments:** 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". **Data Element Summary** Ref. Data **Element Name Attributes** Des. M TXI01 963 Tax Type Code M ID 2/2 Code specifying the type of tax 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 Refer to 004010 Data Element Dictionary for acceptable code values. TXI02 782 X R 1/18 **Monetary Amount** Monetary amount 954 **TXI03** Percent X R 1/10 Percentage expressed as a decimal Tax rate for this tax jurisdiction. TXI04 955 Tax Jurisdiction Code Qualifier X ID 2/2 Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values. **TXI05** 956 **Tax Jurisdiction Code** X AN 1/10

Code identifying the taxing jurisdiction

TXI06	441	Tax Exempt Code		X	ID 1/1	
		Code identifying ex	temption status from sales and use tax			
		1	Yes (Tax Exempt)			
		2	No (Not Tax Exempt)			
		5	Exempt (Not For Resale)			
		8	Exempt (Sale to U.S. Government)			
		9	Exempt (Per State Law)			
		C	Not Taxable			
TXI07	662	Relationship Code		O	ID 1/1	
		Code indicating the	relationship between entities			
		A	Add			
		D	Delete			
		O	Information Only			
TXI08	828	Dollar Basis For P	ercent	O	R 1/9	
		Dollar basis to be u tax	sed in the percent calculation of the allow	ance	, charge or	
TXI09	325	Tax Identification	Number	O	AN 1/20	
		_	a purchaser (buyer, orderer) by a taxing called a tax exemption number or certific			
TXI10	350	Assigned Identification	ation	O	AN 1/20	
	Alphanumeric characters assigned for differentiation within a transaction					

QTY Quantity **Segment:**

Position:

Optional Loop: QTY

Level: Detail Usage: Optional

Max Use:

Notes:

Purpose: To specify quantity information

Syntax Notes: At least one of QTY02 or QTY04 is required.

Only one of QTY02 or QTY04 may be present.

Semantic Notes: Comments: QTY04 is used when the quantity is non-numeric.

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".

Data Element Summary							
	Ref.	Data					
M	<u>Des.</u> QTY01	Element 673	Name Quantity Qualifier	Attributes M ID 2/2			
171	Q1101	073	Code specifying the				
			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			
			91	Additional Usage Quantity			
			92	Allotted Usage Quantity			
			93	Attendant-Handled Quantity			
			94	Billable Quantity			
			95	Data Storage Quantity			
			96	Non-Billable Quantity			
			97	Non-Urgent Delivery Quantity			
			98	Overflow Quantity			
			99	Quantity Used			
			AA	Unacknowledged Quantity			
			AB	Urgent Delivery Quantity			
			AC	Voice Storage Quantity			
			AD	Maintenance Units			
			AE	Minimum Average Time Requirement (MATR) Units			
			AF	Wide Area Telephone Service (WATS)/800 Service Units			
			AG	Number of End Users			
			AH	Number of Message Recipients			
			AI	Number of Operator Credits			
			AJ	Daily Adjustments			
			D1	Billed			

			M2	Maximum		
			NS	Number of Stations		
			QD	Quantity Delivered		
			TO	Total		
Must Use	QTY02	380	Quantity		X	R 1/15
			Numeric value of o			
	QTY03	C001	Composite Unit of		O	
				posite unit of measure (See Figures Appe	endix 1	for examples
M	C00101	355	of use)	Measurement Code	M	ID 2/2
171	C00101			e units in which a value is being expresse		
			which a measurem		a , or r	namer m
			03	Seconds		
			12	Packet		
			1X	Quarter Mile		
			4L	Megabyte		
			AD	Bytes		
			AH	Additional Minutes		
			AI	Average Minutes Per Call		
			AL	Access Lines		
			AN	Minutes or Messages		
			C0	Calls		
			DA	Days		
			DC	Disk (Disc)		
			DH	Miles		
			DK	Kilometers		
			DQ	Data Records		
			DY	Directory Books		
			EA	Each		
			EB	Electronic Mail Boxes		
			EV	Envelope		
			F3	Equivalent		
			G7 H1	Microfiche Sheet		
			HR	Half Pages - Electronic Hours		
			HT	Half Hour		
			KB	Kilocharacters		
			KF	Kilopackets		
			KJ	Kilosegments		
			M0	Magnetic Tapes		
			M4	Monetary Value		
			MJ	Minutes		
			MO	Months		
			MR	Meter		
			NF	Messages		
			NH	Message Hours		
			NJ	Number of Screens		
			110	ranioer of belocity		

			OT	Overtime Hours		
			P0	Pages - Electronic		
			P1	Percent		
			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service	- Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	C00102	1018	Exponent		O	R 1/15
Not Used	C00103	649	Multiplier		O	R 1/10
Not Used	C00104	355	Unit or Basis for	Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent		O	R 1/15
Not Used	C00106	649	Multiplier		O	R 1/10
Not Used	C00107	355	Unit or Basis for	: Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent		O	R 1/15
Not Used	C00109	649	Multiplier		O	R 1/10
Not Used	C00110	355	Unit or Basis for	: Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent		O	R 1/15
Not Used	C00112	649	Multiplier		O	R 1/10
Not Used	C00113	355	Unit or Basis for	: Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent		O	R 1/15
Not Used	C00115	649	Multiplier		O	R 1/10
Not Used	QTY04	61	Free-Form Mess	sage	X	AN 1/30

Segment: SI Service Characteristic Identification

Position: 100

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

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:

SI01 defines the source for each of the service characteristics qualifiers.

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.

M SI01 S59 Agency Qualifier Code Attributed M II	<u>utes</u> D 2/2
M SI01 559 Agency Qualifier Code M II	D 2/2
Code identifying the agency assigning the code values	
TI Telecommunications Industry	
M SI02 1000 Service Characteristics Qualifier M A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
M SI03 234 Product/Service ID M A	N 1/48
Identifying number for a product or service	
SI04 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
SI05 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI06 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
SI07 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI08 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
SI09 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI10 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
	N 1/48
Identifying number for a product or service	
• • •	N 2/2

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

Segment: NM1 Individual or Organizational Name

Position: 110

Loop: NM1 Optional

Level: Detail
Usage: Optional
Max Use: 1

Purpose: Syntax Notes:

To supply the full name of an individual or organizational entity

1 If either NM108 or NM109 is present, then the other is required.

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: 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".

Data Element Summary								
	Ref. Des.	Data Floment	Name		Attributes			
M	<u>Des.</u> NM101	Element 98	Entity Identifier C	Code	M ID 2/3			
	1,1,1101	70	•	organizational entity, a physical location				
			individual	3,	, r - r - 7			
			1. 'SJ' and '9D' are	e the only valid codes at HL1 (Service Pr	ovider Level).			
			1 IOD! I IDO!	1 (OD) 1 (DO) ' 1' 1 111 2 (D'H' 1 1 1 1 1 1 111 2				
				2. 'OB' and 'P9' are invalid at HL2 (Billing Arrangement Level) and HL3 (Sub-Billing Arrangement Level).				
			(Sub Builty Milan	(
			3. 'C3', 'CT', 'GP', 'IA', 'OB' and 'P9' are the only valid codes at HL5					
				HL6 (Subcategory Level) and HL7 (Type	Level).			
			9D	New Service Provider				
			AG	Agent/Agency	115 0			
			AK	Party to Whom Acknowledgment Shou	ld Be Sent			
			AO	Account Of				
			BS	Bill and Ship To				
			C3	Circuit Location Identifier				
			CA	Carrier				
			CT	Country of Origin				
			EN	End User				
			GP	Gateway Provider				
			IA	Installed At				
			NN	Network Name				
			OB	Ordered By				
			P9	Primary Interexchange Carrier (PIC)				
			PE	Payee				
			PM	Party to receive paper Memo of Invoice				
			PR	Payer				
			RI	Remit To				
			RL	Reporting Location				
			SE	Selling Party				
			SJ	Service Provider				
\mathbf{M}	NM102	1065	Entity Type Quali	fier	M ID 1/1			

Code qualifying the type of entity

			1	Person			
			2	Non-Person Entity			
			3	Unknown			
	NM103	1035	Name Last or	r Organization Name	O	AN 1/35	
			Individual last	t name or organizational name			
	NM104	1036	Name First		O	AN 1/25	
			Individual firs	st name			
	NM105	1037	Name Middle	2	O	AN 1/25	
			Individual mid	Individual middle name or initial			
	NM106	1038	Name Prefix		O	AN 1/10	
			Prefix to indiv	vidual name			
	NM107	1039	9 Name Suffix			AN 1/10	
				Suffix to individual name Identification Code Qualifier			
	NM108	66	Identification				
			Code designat Code (67)	ting the system/method of code structure used	or Ide	entification	
				41', '42' and '91' are the only valid values at I	HL1 (Service	
			Provider Leve				
			1	D-U-N-S Number, Dun & Bradstreet	~-		
			9	D-U-N-S+4, D-U-N-S Number with Fo Suffix			
			10	Department of Defense Activity Addre (DODAAC)			
			33	Commercial and Government Entity (C			
			40	Electronic Mail User Code			
			41	Telecommunications Carrier Identification	ion C	lode	
			42	Telecommunications Pseudo Carrier Id	entific	cation Code	
			91	Assigned by Seller or Seller's Agent			
			92	Assigned by Buyer or Buyer's Agent			
			ZY	Temporary Identification Number			
	NM109	67	Identification		X	AN 2/80	
			-	ing a party or other code			
				42' - use CIC code list maintained by Lockhee ' - use Pseudo-CIC list provided in OBF Secti			
Not Used	NM110	706	Entity Relation		X	ID 2/2	
Not Used	NM111	98	Entity Identif	-	O	ID 2/3	
			<i>y</i>				

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: 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".

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

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

Segment: N4 Geographic Location

Position: 140

Loop: NM1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify the geographic place of the named party

Syntax Notes: Semantic Notes: Comments: 1 If N406 is present, then N405 is required.

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: 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".

Ref.	Data		·		
Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
N401	19	City Name		O	AN 2/30
		Free-form text for c	ity name		
N402	156	State or Province	Code	O	ID 2/2
		Code (Standard Sta	te/Province) as defined by appropriate go	vernn	nent agency
N403	116	Postal Code		O	ID 3/15
		_	Code defining international postal zone code excluding punctua (zip code for United States)		
N404	26	Country Code		O	ID 2/3
		Code identifying the	e country		
N405	309	Location Qualifier	•	X	ID 1/2
		Code identifying ty	pe of location		
		AC	City and State		
		AR	Armed Services Location Designation		
		CC	Country		
		CI	City		
		SP	State/Province		
N406	310	Location Identifier	r	O	AN 1/30
		Code which identifi	es 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.

If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

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

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'.

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
\mathbf{M}	REF01	128	Reference Identification Qualifier	M ID 2/3

Code qualifyi	ing the Reference Identification
	"EF", "GT", "IV", "LB", "RT", "TF" and "VC" are the only
	t HL1 (Service Provider Level).
01	American Bankers Assoc. (ABA) Transit/Routing
02	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
03	Identification (6 digits)
10	Account Managers Code
11	Account Number
12	Billing Account
13	Horizontal Coordinate
14	Master Account Number
15	Vertical Coordinate
1J	Facility ID Number
3J	Office Number
4L	Location-specific Services Reference Number
6R	Provider Control Number
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

M

E9

		Code qualifying the	e Reference Identification		
C04001	128	Reference Identifi		M	ID 2/3
		To identify one or a specified by the Re	more reference numbers or identification numbers	mbe	ers as
REF04	C040	Reference Identifi		0	
		_	otion to clarify the related data elements and		ir content
REF03	352	Description		X	AN 1/80
		specified by the Re	ference Identification Qualifier	Ci U	1 43
KEFU2	14/		ication tion as defined for a particular Transaction S		
REF02	127	∠⊓ Reference Identifi	_	X	AN 1/30
		YN ZH	Receiver ID Qualifier Carrier Assigned Reference Number		
		VR VN	Vendor ID Number		
		VN	Vendor ID Number		
		VC	Vendor Contract Number		
		V0	Version		
		TJ	Federal Taxpayer's Identification Number		
		TF	Transfer Number		
		SX	Service Interrupt Tracking Number		
		SU	Special Processing Code		
		SE	Serial Number		
			Check, Draft or Wire Payments. Receiving Financial Institution Transit Routing Num Transfers		
		RT	Payee's Financial Institution Transit Routi	ing :	Number for
		RO	Repetitive Booking Number		
		PX	Previous Invoice Number		
		PO	Purchase Order Number		
		P4	Project Code		
		OW	Service Order Number		
		OR	Order/Paragraph Number		
		OP	Original Purchase Order		
		OI	Original Invoice Number		
		NP	Partial Payment Number		
		LJ LU	Location Number		
		LI LJ	Local Jurisdiction		
		LI LI	Line Item Identifier (Seller's)		
		LB	Lockbox		
		IV	Seller's Invoice Number		
		пь IT	Internal Customer Number		
		GT HB	Goods and Service Tax Registration Num Bill & Hold Invoice Number	ber	
		GC GT		har	
		F8	Original Reference Number Government Contract Number		
		EU	End User's Purchase Order Number		
		EM	Electronic Payment Reference Number		
		EF	Electronic Funds Transfer ID Number		
		E9	Attachment Code		

Attachment Code

			1J	Facility ID Number		
			ACB	Region		
M	C04002	127	Reference Ide	entification	\mathbf{M}	AN 1/30
				ormation as defined for a particular Transac ne Reference Identification Qualifier	tion Set o	or as
	C04003	128	Reference Ide	entification Qualifier	X	ID 2/3
			Code qualifyir	ng the Reference Identification		
			ACB	Region		
	C04004	127	Reference Ide	entification	X	AN 1/30
				ormation as defined for a particular Transac ne Reference Identification Qualifier	tion Set o	or as
Not Used	C04005	128	Reference Ide	entification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Ide	entification	X	AN 1/30

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.

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:

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'.

			Data Elem	ent Summary		
	Ref.	Data				
	Des.	Element	Name	~ -		<u>ributes</u>
M	PER01	366	Contact Function		M	ID 2/2
				e major duty or responsibility of the perso	on or	group named
			AD	Accounting Department		
			AR	Accounts Receivable Department		
			BD	Buyer Name or Department		
			BI	Bill Inquiry Contact		
			CC	Computer Systems Contact		
			DA	Directory Advertising Contact		
			IC	Information Contact		
			MA	Maintenance Contact		
			OC	Order Contact		
			OD	Order Department		
			PM	Product Manager		
			QA	Quality Assurance Contact		
			SR	Sales Representative or Department		
			TR	Technical Marketing Representative		
	PER02	93	Name		O	AN 1/60
			Free-form name			
	PER03	365	Communication N	umber Qualifier	X	ID 2/2
			Code identifying the	e type of communication number		
			AU	Defense Switched Network		
				This code is to be used only within the	feder	al
				government.		
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
			UR	Uniform Resource Locator (URL)		
	PER04	364	Communication N	umber	X	AN 1/80
			Complete communi applicable	cations number including country or area	code	when
	PER05	365	Communication N	umber Qualifier	X	ID 2/2

Code identifying the type of communication number AU Defense Switched Network This code is to be used only within the federal government. **EM** Electronic Mail FX Facsimile TE Telephone PER06 364 **Communication Number** X AN 1/80 Complete communications number including country or area code when applicable PER07 365 **Communication Number Qualifier** X ID 2/2 Code identifying the type of communication number International Telephone Access Code AA AΒ Joint Facsimile and Phone Number ACMessage Only Voice Number AD **Delivery Location Phone** AP Alternate Telephone AS **Answering Service** AU Defense Switched Network BN Beeper Number BTBTX Number CA Cable Cellular Phone CP DN Defense Data Network (DDN) ED Electronic Data Interchange Access Number Electronic Mail EM 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 Other Residential Facsimile Number OF OT Other Residential Telephone Number PA Appointment Phone PC Personal Cellular PP Personal Phone PS **Packet Switching** SP **Showing Phone** TE Telephone Telex TL Telemail TM TNTeletex Number TX**TWX**

Not Used	PER09	443	applicable	uiry Reference	0	AN 1/20
			Complete con	nmunications number including country	or area code	when
	PER08	364	Communicat	Communication Number		AN 1/80
			WP	Work Phone Number		
			WF	Work Facsimile Number		
			WC	Work Cellular		
			VM	Voice Mail		
			UR	Uniform Resource Locator (URL	.)	

TXI Tax Information **Segment: Position:** Loop: NM1 Optional Level: Detail Usage: Optional Max Use: **Purpose:** To specify tax information **Syntax Notes:** At least one of TXI02 TXI03 or TXI06 is required. 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. TXI07 is a code indicating the relationship of the price or amount to the associated segment. **Comments:** 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". **Data Element Summary** Ref. Data **Element Attributes** Des. **Name** M TXI01 963 Tax Type Code M ID 2/2 Code specifying the type of tax 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 Refer to 004010 Data Element Dictionary for acceptable code values. TXI02 782 X R 1/18 **Monetary Amount** Monetary amount 954 **TXI03** Percent X R 1/10 Percentage expressed as a decimal Tax rate for this jurisdiction. TXI04 955 Tax Jurisdiction Code Qualifier X ID 2/2 Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values. **TXI05** 956 **Tax Jurisdiction Code** X AN 1/10

Code identifying the taxing jurisdiction

TXI06	441	Tax Exempt Code		X	ID 1/1
		Code identifying ex	temption status from sales and use tax		
		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
		5	Exempt (Not For Resale)		
		8	Exempt (Sale to U.S. Government)		
		9	Exempt (Per State Law)		
		C	Not Taxable		
TXI07	662	Relationship Code	•	O	ID 1/1
		Code indicating the	relationship between entities		
		A	Add		
		D	Delete		
		O	Information Only		
TXI08	828	Dollar Basis For P	Percent	O	R 1/9
		Dollar basis to be u	sed in the percent calculation of the allow	ance	, charge or
		tax			
TXI09	325	Tax Identification	Number	O	AN 1/20
		_	a purchaser (buyer, orderer) by a taxing	-	
TDX/T40	250	· · · · · · · · · · · · · · · · · · ·	called a tax exemption number or certific	_	
TXI10	350	Assigned Identific		O	AN 1/20
		Alphanumeric char	acters assigned for differentiation within	a tran	saction set

ITA Allowance, Charge or Service **Segment: Position:** Loop: ITA Optional Level: Detail Optional Usage: Max Use: **Purpose:** To specify allowances, charges, or services **Syntax Notes:** If ITA08 is present, then ITA09 is required. If ITA15 is present, then ITA02 is required. 3 If ITA17 is present, then ITA12 is required. 4 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 5 If either ITA10 or ITA11 is present, then the other is required. **Semantic Notes:** ITA09 is the allowance or charge percent. 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:** If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 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. ITA13 is used to clarify the allowance, charge, or service. ITA15 specifies the individual code list of the agency specified in ITA02. ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated 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".

	Ref.	Data		·		
3.4	Des.	Element 249	Name	I. Barton		ributes
M	ITA01	248	Allowance or Chai		M	ID 1/1
			Code which indicate	es an allowance or charge for the service s	pecif	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency Qualifier (Code	X	ID 2/2
			Code identifying the	e agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Services Co	ode	X	ID 2/10
			Code identifying the	e special service		
			See OBF Section 10	0.4 for valid values.		
M	ITA04	331	Allowance or Char	ge Method of Handling Code	M	ID 2/2
			Code indicating me	thod of handling for an allowance or charg	ge	
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowance or Char	rge Number	0	AN 1/16
			The number assigned charge	ed by a vendor referencing an allowance, p	romo	otion, deal or
Not Used	ITA06	359	Allowance or Char	ge Rate	0	R 1/15
	ITA07	360	Allowance or Char	rge Total Amount	O	N2 1/15

			ount for the allowance or charge		
ITA08	378		rge Percent Qualifier	0	ID 1/1
		•	on what basis allowance or charge percen	t is calc	ulated
		9	Late Payment Charge Base Amount		
ITA09	332	Percent		X	R 1/6
		Percent expresse	ed as a percent		
ITA10	380	Quantity		X	R 1/15
		Numeric value of	of quantity		
ITA11	355	Unit or Basis fo	or Measurement Code	X	ID 2/2
			the units in which a value is being expres	sed, or i	manner in
			ement has been taken Seconds		
		03			
		12 13	Packet		
		1X	Quarter Mile		
		AD	Bytes		
		AH	Additional Minutes		
		AI	Average Minutes Per Call		
		AL	Access Lines		
		AN	Minutes or Messages		
		C0	Calls		
		DA	Days		
		DC	Disk (Disc)		
		DH	Miles		
		DK	Kilometers		
		DQ	Data Records		
		DY	Directory Books		
		EA	Each		
		EB	Electronic Mail Boxes		
		EV	Envelope		
		G7	Microfiche Sheet		
		H1	Half Pages - Electronic		
		HR	Hours		
		HT	Half Hour		
		KB	Kilocharacters		
		KF	Kilopackets		
		KJ	Kilosegments		
		M0	Magnetic Tapes		
		M4	Monetary Value		
		MJ	Minutes		
		MO	Months		
		MR	Meter		
		NF	Messages		
		NH	Message Hours		
		NJ	Number of Screens		
		OT	Overtime Hours		
		P0	Pages - Electronic		
		D1	D .		

Percent

P1

			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service -	Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line - A	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	ITA12	380	Quantity		X	R 1/15
	ITA13	352	Description		X	AN 1/80
			A free-form descri	ription to clarify the related data elements a	nd the	eir content
	ITA14	150	Special Charge of	or Allowance Code	X	ID 3/3
				type of special charge or allowance		
				10.4 for valid values.		
				Data Element Dictionary for acceptable cod	e valı	
Not Used	ITA15	822	Source Subquali		O	AN 1/15
	ITA16	662	Relationship Co		O	ID 1/1
			_	he relationship between entities		
				valid in HLs 4 - 9.		
			A	Add		
			D	Delete		
			I	Included		
			0	Information Only		
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

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 If DTM04 is present, then DTM03 is required.

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

3 At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes: Comments:

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".

	Ref.	Data	Dutu Eitin	cont Summary		
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	$\overline{\text{DTM}01}$	374	Date/Time Qualifi	er		ID 3/3
			Code specifying typ	pe 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		
			153	Service Interruption		
			154	Adjustment Period Start		
			155	Adjustment Period End		
	DTM02	373	Date		X	DT 8/8
			Date expressed as C	CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8
Not Used	DTM04	623	Time Code		O	ID 2/2
Not Used	DTM05	1250	Date Time Period	Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period		X	AN 1/35

TXI05

956

TXI Tax Information **Segment: Position:** Loop: ITA **Optional** Level: Detail Usage: Optional Max Use: **Purpose:** To specify tax information **Syntax Notes:** At least one of TXI02 TXI03 or TXI06 is required. 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. TXI03 is the tax percent expressed as a decimal. TXI07 is a code indicating the relationship of the price or amount to the associated segment. **Comments:** 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". **Data Element Summary** Ref. Data **Element Attributes** Des. **Name** M TXI01 963 Tax Type Code M ID 2/2 Code specifying the type of tax 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 Refer to 004010 Data Element Dictionary for acceptable code values. TXI02 782 X R 1/18 **Monetary Amount** Monetary amount 954 **TXI03** Percent X R 1/10 Percentage expressed as a decimal Tax rate for this jurisdiction. TXI04 955 Tax Jurisdiction Code Qualifier X ID 2/2 Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values.

Code identifying the taxing jurisdiction

X AN 1/10

Tax Jurisdiction Code

TXI06	441	Tax Exempt Code		X	ID 1/1
		Code identifying ex	temption status from sales and use tax		
		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
		5	Exempt (Not For Resale)		
		8	Exempt (Sale to U.S. Government)		
		9	Exempt (Per State Law)		
		C	Not Taxable		
TXI07	662	Relationship Code	•	O	ID 1/1
		Code indicating the	relationship between entities		
		A	Add		
		D	Delete		
		O	Information Only		
TXI08	828	Dollar Basis For P	ercent	O	R 1/9
		Dollar basis to be u tax	sed in the percent calculation of the allow	ance	, charge or
TXI09	325	Tax Identification	Number	O	AN 1/20
		_	a purchaser (buyer, orderer) by a taxing called a tax exemption number or certific		
TXI10	350	Assigned Identification	ation	O	AN 1/20
		Alphanumeric char	acters assigned for differentiation within	a tran	saction set

Segment: IT1 Baseline Item Data (Invoice)

Position: 210

Loop: IT1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify the basic and most frequently used line item data for the invoice and related

transactions

Syntax Notes: 1

- 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: Comments:

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

Notes:

- 1. 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".

	Ref.	Data		•					
	Des.	Element	Name		Att	<u>ributes</u>			
	IT101	350	Assigned Identif	ication	O	AN 1/20			
			Alphanumeric ch	aracters assigned for differentiation within	a tran	saction set			
Must Use	IT102	358	Quantity Invoice	ed	X	R 1/10			
			Number of units i	nvoiced (supplier units)					
Must Use	IT103	355	Unit or Basis for	Measurement Code	X	ID 2/2			
			Code specifying t	he units in which a value is being expresse	d, or 1	manner in			
			which a measurer	nent has been taken					
				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 level	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					
Must Use	IT104	212	Unit Price		X	R 1/17			
			Price per unit of p	product, service, commodity, etc.					
	IT105	639	Basis of Unit Pri	ce Code	O	ID 2/2			
			Code identifying	the type of unit price for an item					
			BD	Before Discount					

			CP	Current Price (Subject to Change)		
			CT	Contract		
			PE	Price per Each		
			PM	Monthly Price Per Unit		
			TE	Contract Price per Each		
	IT106	235	Product/Service	ID Qualifier	X	ID 2/2
			Code identifying Product/Service	the type/source of the descriptive num ID (234) Service Rendered	ber used in	
	IT107	234	Product/Service		X	AN 1/48
				per for a product or service		
				10.4 for valid values.		
	IT108	235	Product/Service	•	X	ID 2/2
			Code identifying Product/Service	the type/source of the descriptive num ID (234)	ber used in	
				ily being used for Telecom Service Ty	pe (WJ) wh	ich is
			effective with AS	SC X12 version 004020. Mutually Defined		
				'ZZ' is temporarily being used for	· Telecom S	Service
				Type 'WJ' which is effective with 004020.		
	IT109	234	Product/Service	· ID	X	AN 1/48
			Identifying numb	per for a product or service		
			See OBF Section	10.4 for a list of valid codes.		
Not Used	IT110	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT111	234	Product/Service	· ID	X	AN 1/48
Not Used	IT112	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT113	234	Product/Service	· ID	X	AN 1/48
Not Used	IT114	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT115	234	Product/Service	· ID	X	AN 1/48
Not Used	IT116	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT117	234	Product/Service	· ID	X	AN 1/48
Not Used	IT118	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT119	234	Product/Service	· ID	X	AN 1/48
Not Used	IT120	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT121	234	Product/Service	· ID	X	AN 1/48
Not Used	IT122	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT123	234	Product/Service	· ID	X	AN 1/48
Not Used	IT124	235	Product/Service	ID Qualifier	X	ID 2/2
Not Used	IT125	234	Product/Service	ID	X	AN 1/48

Segment: SI Service Characteristic Identification

Position: 220

Loop: IT1 Optional

Level: Detail
Usage: Optional
ax Use: 2

Max Use:

Purpose: To specify service characteristic data

Syntax Notes:

- 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:

Notes:

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

	Ref.	Data	·		
	Des.	<u>Element</u>	Name		<u>ributes</u>
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
	SI04	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI05	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI06	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI07	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI08	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e char	acteristics
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI10	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI11	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
			· ·		

SI12	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	cha	racteristics
SI13	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
SI14	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
		Code from an industry code list qualifying the type of service	cha	racteristics
SI15	234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
SI16	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	cha	racteristics
SI17	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI18	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	cha	racteristics
SI19	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI20	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	cha	racteristics
SI21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
Z				

Segment: PID Product/Item Description

Position: 230

Loop: IT1 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.
- 4 If PIDU8 is present, then PIDU4 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.
- 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: When submitting the 811 to any federal agency, use of the PID segment is optional when HL03 is ''4''.

	Ref.	Data	Data Element Summary			
	Des.	Element	Name Attribute			
\mathbf{M}	PID01	349	Item Description Type	M	ID 1/1	
			Code indicating the format of a description			
			Refer to 004010 Data Element Dictionary for acceptable co	de valı	ies.	
Not Used	PID02	750	Product/Process Characteristic Code	O	ID 2/3	
	PID03	559	Agency Qualifier Code	\mathbf{X}	ID 2/2	
			Code identifying the agency assigning the code values			
			AS Assigned by Seller			
	PID04	751	Product Description Code	X	AN 1/12	
			A code from an industry code list which provides specific d characteristic	ata abo	out a product	
	PID05	352	Description	X	AN 1/80	
			A free-form description to clarify the related data elements a	and the	eir content	
Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2	
Not Used	PID07	822	Source Subqualifier	O	AN 1/15	
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1	
Not Used	PID09	819	Language Code	O	ID 2/3	

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

Data Element Summary

	Ref.	Data			
3.5	Des.	Element	Name The Control of t	_	ributes
M	INC01	336	Terms Type Code	M	ID 2/2
			Code identifying type of payment terms		
			04 Deferred or Installment		
M	INC02	C001	Composite Unit of Measure	M	
			To identify a composite unit of measure (See Figures Appeal of use)	ndix f	for examples
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken MO Months	l, or n	nanner in
Not Used	C00102	1018	Exponent	O	R 1/15
Not Used	C00103	649	Multiplier	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent	O	R 1/15
Not Used	C00106	649	Multiplier	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent	O	R 1/15
Not Used	C00109	649	Multiplier	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent	O	R 1/15
Not Used	C00112	649	Multiplier	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent	O	R 1/15
Not Used	C00115	649	Multiplier	O	R 1/10
M	INC03	380	Quantity	\mathbf{M}	R 1/15
			Numeric value of quantity		
			Indicates the total number of installments.		
M	INC04	380	Quantity	M	R 1/15
			Numeric value of quantity		

Indicates the number of current installments.

INC05 782 Monetary Amount

O R 1/18

Monetary amount

Balance remaining after this installment is billed.

TXI Tax Information **Segment: Position:** Loop: IT1 **Optional** Level: Detail Usage: Optional Max Use: **Purpose:** To specify tax information **Syntax Notes:** At least one of TXI02 TXI03 or TXI06 is required. 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. TXI03 is the tax percent expressed as a decimal. TXI07 is a code indicating the relationship of the price or amount to the associated segment. **Comments:** Notes: When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "4". **Data Element Summary** Ref. Data **Element Attributes** Des. **Name** M TXI01 963 Tax Type Code M ID 2/2 Code specifying the type of tax 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 Refer to 004010 Data Element Dictionary for acceptable code values. TXI02 782 X R 1/18 **Monetary Amount** Monetary amount Proposed OBF change to summing rules: This amount will be the roll up of subordinate TXI segment billed amounts. **TXI03** 954 X R 1/10 Percent Percentage expressed as a decimal Tax rate for this jurisdiction. **TXI04** 955 Tax Jurisdiction Code Qualifier X ID 2/2

Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values.

TXI05	956	Tax Jurisdiction (Code	X	AN 1/10
		Code identifying th	ne taxing jurisdiction		
TXI06	441	Tax Exempt Code	e	X	ID 1/1
		Code identifying e	xemption status from sales and use tax		
		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
		5	Exempt (Not For Resale)		
		8	Exempt (Sale to U.S. Government)		
		9	Exempt (Per State Law)		
		C	Not Taxable		
TXI07	662	Relationship Code	e	O	ID 1/1
		Code indicating the	e relationship between entities		
		A	Add		
		D	Delete		
		O	Information Only		
TXI08	828	Dollar Basis For I	Percent	O	R 1/9
		Dollar basis to be u	used in the percent calculation of the allow	ance	, charge or
TEXALOO	225	tax	NT 1	•	A DI 1/20
TXI09	325	Tax Identification	(0	AN 1/20
		_	o a purchaser (buyer, orderer) by a taxing	•	
TXI10	350	Assigned Identific	called a tax exemption number or certification	ate ni	AN 1/20
1 /1110	330	_	cacters assigned for differentiation within a	_	
		7 riphanamene cha	acters assigned for differentiation within t	ı ıranı	saction 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: Comments:

Notes:

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

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

			Data Elem	ent Summary			
	Ref.	Data					
	Des.	Element	<u>Name</u>			<u>ibutes</u>	
M	REF01	128	Reference Identific	_	M	ID 2/3	
			Code qualifying the	Reference Identification			
			11	Account Number			
			12	Billing Account			
			1J	Facility ID Number			
			4L	Location-specific Services Reference N	umbe	r	
			6R	Provider Control Number			
			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			
			V0	Version			
			YN	Receiver ID Qualifier			
			ZH	Carrier Assigned Reference Number			
			ZZ	Mutually Defined			
	REF02	127	Reference Identific	cation	X	AN 1/30	
			Reference informati	on as defined for a particular Transaction	Set o	or as	
				Perence Identification Qualifier			
	REF03	352	Description		X	AN 1/80	
			=	tion to clarify the related data elements a		eir content	
	REF04	C040	Reference Identifie		O		
			To identify one or n	To identify one or more reference numbers or identification numbers as			

			specified by the Reference Qualifier			
M	C04001	128	Reference Ide	entification Qualifier	M	ID 2/3
			Code qualifyin	ng the Reference Identification		
			1J	Facility ID Number		
			ACB	Region		
M	C04002	127	Reference Ide	entification	M	AN 1/30
			Reference info	ormation as defined for a particular Transact	tion Set	or as
			specified by th	e Reference Identification Qualifier		
	C04003	128	Reference Ide	entification Qualifier	X	ID 2/3
			Code qualifyin	ng the Reference Identification		
			ACB	Region		
	C04004	127	Reference Ide	ntification	X	AN 1/30
				Reference information as defined for a particular Transaction Set or a specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Ide	entification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Ide	Reference Identification X AN		

DTM Date/Time Reference **Segment:**

Position:

Loop: IT1 Optional

Level: Detail Usage: Optional Max Use:

Purpose: To specify pertinent dates and times

Syntax Notes: If DTM04 is present, then DTM03 is required.

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

Semantic Notes: Comments:

Notes:

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

			Data Eleme	ent Summary		
	Ref.	Data				
M	<u>Des.</u> DTM01	<u>Element</u> 374	Name Data/Time Ovalifie		Attı M	ributes ID 3/3
IVI	DIMUI	3/4	Date/Time Qualifie		IVI	ID 3/3
				e 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		
			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		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date	•	X	DT 8/8
		-		CVVMMDD		

Date expressed as CCYYMMDD

Not Used	DTM03	337	Time	X	TM 4/8
Not Used	DTM04	623	Time Code	0	ID 2/2
Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period	X	AN 1/35

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.

page, advance a line, etc.

2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Notes: When submitting the 811 to any federal agency, use of the MSG segment is optional

when HL03 is ''4''.

	Ref.	Data			
	Des.	Element	<u>Name</u>	Attı	<u>ributes</u>
M	MSG01	933	Free-Form Message Text	\mathbf{M}	AN 1/264
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code	X	ID 2/2
Not Used	MSG03	1470	Number	O	N0 1/9

Segment: AMT Monetary Amount

Position: 285

Loop: IT1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To indicate the total monetary amount

Syntax Notes: Semantic Notes: Comments:

	Ref.	Data				
	Des.	Element	<u>Name</u>		Attı	ributes
M	AMT01	522	Amount Qual	ifier Code	M	ID 1/3
			Code to qualify	y amount		
			1E	Fixed Price		
			8V	Services		
			LM	Limit		
			NR	Nonrecurring		
			RJ	Rate Amount		
			ZT	Prorated Amount		
M	AMT02	782	Monetary Am	ount	M	R 1/18
			Monetary amo	unt		
Not Used	AMT03	478	Credit/Debit I	Flag Code	0	ID 1/1

OTY Quantity **Segment:**

Position:

Optional Loop: QTY

Level: Detail Usage: Optional Max Use:

Purpose: To specify quantity information

Syntax Notes: At least one of QTY02 or QTY04 is required.

Only one of QTY02 or QTY04 may be present.

Semantic Notes: Comments:

QTY04 is used when the quantity is non-numeric.

Notes:

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

			Data Eleme	ent Summary
	Ref.	Data		
3.6	Des.	<u>Element</u>	Name	Attributes
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the	
			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
			91	Additional Usage Quantity
			92	Allotted Usage Quantity
			93	Attendant-Handled Quantity
			94	Billable Quantity
			95	Data Storage Quantity
			96	Non-Billable Quantity
			97	Non-Urgent Delivery Quantity
			98	Overflow Quantity
			99	Quantity Used
			AA	Unacknowledged Quantity
			AB	Urgent Delivery Quantity
			AC	Voice Storage Quantity
			AD	Maintenance Units
			AE	Minimum Average Time Requirement (MATR) Units
			AF	Wide Area Telephone Service (WATS)/800 Service Units
			AG	Number of End Users
			AH	Number of Message Recipients
			AI	Number of Operator Credits
			AJ	Daily Adjustments
			D1	Billed

			M2	Maximum		
			NS	Number of Stations		
			QD	Quantity Delivered		
			TO	Total		
Must Use	QTY02	380	Quantity		X	R 1/15
			Numeric value of c	-		
	QTY03	C001	Composite Unit of		O	
				osite unit of measure (See Figures Appe	endix f	for examples
M	C00101	355	of use)	Measurement Code	М	ID 2/2
141	C00101	333		e units in which a value is being expresse		
			which a measurem		u, or r	namici m
			03	Seconds		
			12	Packet		
			1X	Quarter Mile		
			4L	Megabyte		
			AD	Bytes		
			AH	Additional Minutes		
			AI	Average Minutes Per Call		
			AL	Access Lines		
			AN	Minutes or Messages		
			C0	Calls		
			DA	Days		
			DC	Disk (Disc)		
			DH	Miles		
			DK	Kilometers		
			DQ	Data Records		
			DY EA	Directory Books Each		
			EB	Electronic Mail Boxes		
			EV	Envelope		
			F3	Equivalent		
			G7	Microfiche Sheet		
			H1	Half Pages - Electronic		
			HR	Hours		
			HT	Half Hour		
			KB	Kilocharacters		
			KF	Kilopackets		
			KJ	Kilosegments		
			M0	Magnetic Tapes		
			M4	Monetary Value		
			MJ	Minutes		
			MO	Months		
			MR	Meter		
			NF	Messages		
			NH	Message Hours		
			NJ	Number of Screens		

			OT	Overtime Hours		
			P0	Pages - Electronic		
			P1	Percent		
			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service	- Aver	rage
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	C00102	1018	Exponent		O	R 1/15
Not Used	C00103	649	Multiplier		O	R 1/10
Not Used	C00104	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent		O	R 1/15
Not Used	C00106	649	Multiplier		O	R 1/10
Not Used	C00107	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent		O	R 1/15
Not Used	C00109	649	Multiplier		O	R 1/10
Not Used	C00110	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent		O	R 1/15
Not Used	C00112	649	Multiplier		O	R 1/10
Not Used	C00113	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent		O	R 1/15
Not Used	C00115	649	Multiplier		O	R 1/10
Not Used	QTY04	61	Free-Form Mes	sage	X	AN 1/30

Segment: SI Service Characteristic Identification

Position: 300

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify service characteristic data

Syntax Notes:

- If either SI04 or SI05 is present, then the other is required.
 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.
- If either SI14 or SI15 is present, then the other is required.
 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: Notes:

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

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'.

M SI01 S59 Agency Qualifier Code Attributed M II	<u>utes</u> D 2/2
M SI01 559 Agency Qualifier Code M II	D 2/2
Code identifying the agency assigning the code values	
TI Telecommunications Industry	
M SI02 1000 Service Characteristics Qualifier M A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
M SI03 234 Product/Service ID M A	N 1/48
Identifying number for a product or service	
SI04 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
SI05 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI06 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
SI07 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI08 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
SI09 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI10 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service charact	eristics
	N 1/48
Identifying number for a product or service	
• • •	N 2/2

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

ITA Allowance, Charge or Service **Segment: Position:** Loop: ITA Optional Level: Detail Optional Usage: Max Use: **Purpose:** To specify allowances, charges, or services **Syntax Notes:** If ITA08 is present, then ITA09 is required. If ITA15 is present, then ITA02 is required. 3 If ITA17 is present, then ITA12 is required. 4 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 5 If either ITA10 or ITA11 is present, then the other is required. **Semantic Notes:** ITA09 is the allowance or charge percent. 1 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:** If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 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. ITA13 is used to clarify the allowance, charge, or service. ITA15 specifies the individual code list of the agency specified in ITA02. ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated Notes: When submitting the 811 to any federal agency, use of the ITA loop is optional when

Data Element Summary

HL03 is "4".

	Ref.	Data		·		
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
\mathbf{M}	ITA01	248	Allowand	ce or Charge Indicator	M	ID 1/1
			Code whi	ch indicates an allowance or charge for the service	speci	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency (Qualifier Code	X	ID 2/2
			Code idea	ntifying the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special S	ervices Code	X	ID 2/10
			Code idea	ntifying the special service		
			See OBF	Section 10.4 for a list of valid values.		
M	ITA04	331	Allowand	ce or Charge Method of Handling Code	M	ID 2/2
			Code indi	cating method of handling for an allowance or char	ge	
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowand	ce or Charge Number	O	AN 1/16
			The number charge	per assigned by a vendor referencing an allowance,	prom	otion, deal or
	ITA06	359	-	ce or Charge Rate	O	R 1/15
				e or Charge Rate per Unit		

ITA07	360	Allowance or Charge Total Amount		O	N2 1/15
		Total dollar amou	int for the allowance or charge		
ITA08	378		ge Percent Qualifier	O	ID 1/1
		Code indicating o	on what basis allowance or charge percent is	calc	ulated
		9	Late Payment Charge Base Amount		
ITA09	332	Percent		X	R 1/6
		Percent expressed	l as a percent		
ITA10	380	Quantity		X	R 1/15
		Numeric value of	quantity		
ITA11	355	Unit or Basis for	Measurement Code	X	ID 2/2
		Code specifying t	he units in which a value is being expressed	l, or i	manner in
			ment has been taken		
		03	Seconds		
		12	Packet		
		1X	Quarter Mile		
		AD	Bytes		
		AH	Additional Minutes		
		AI	Average Minutes Per Call		
		AL	Access Lines		
		AN	Minutes or Messages		
		C0	Calls		
		DA	Days		
		DC	Disk (Disc)		
		DH	Miles		
		DK	Kilometers		
		DQ	Data Records		
		DY	Directory Books		
		EA	Each		
		EB	Electronic Mail Boxes		
		EV	Envelope		
		G7	Microfiche Sheet		
		H1	Half Pages - Electronic		
		HR	Hours		
		HT	Half Hour		
		KB	Kilocharacters		
		KF	Kilopackets		
		KJ	Kilosegments		
		M0	Magnetic Tapes		
		M4	Monetary Value		
		MJ	Minutes		
		MO	Months		
		MR	Meter		
		NF	Messages		
		NH	Message Hours		
		NJ	Number of Screens		
		OT	Overtime Hours		
		P0	Pages - Electronic		

			P1	Percent		
			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service -	Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line - A	\vera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	ITA12	380	Quantity		X	R 1/15
	ITA13	352	Description		X	AN 1/80
			A free-form descri	ription to clarify the related data elements an	nd the	eir content
	ITA14	150	•	or Allowance Code	X	ID 3/3
			Code identifying	type of special charge or allowance		
			Refer to 004010 l	Data Element Dictionary for acceptable cod	e valı	ues.
Not Used	ITA15	822	Source Subquali	ifier	O	AN 1/15
	ITA16	662	Relationship Co	de	O	ID 1/1
			Code indicating t	he relationship between entities		
				Data Element Dictionary for acceptable cod	e valı	ues.
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

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 If DTM04 is present, then DTM03 is required.

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

3 At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes: Comments:

Notes:

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

				Data Element Summary		
	Ref.	Data				
3.5	Des.	<u>Element</u>	Name	0.110		ributes
M	DTM01	374		ne Qualifier	M	ID 3/3
			_	ecifying 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		
			153	Service Interruption		
			154	Adjustment Period Start		
			155	Adjustment Period End		
			197	End		
			306	Adjustment Effective Date		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date		X	DT 8/8
			Date exp	ressed as CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8
Not Used	DTM04	623	Time Co	ode	O	ID 2/2
Not Used	DTM05	1250	Date Tir	ne Period Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Tir	ne Period	X	AN 1/35

TXI Tax Information **Segment: Position:** Loop: ITA Optional Level: Detail Usage: Optional Max Use: **Purpose:** To specify tax information **Syntax Notes:** At least one of TXI02 TXI03 or TXI06 is required. 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. TXI03 is the tax percent expressed as a decimal. TXI07 is a code indicating the relationship of the price or amount to the associated segment. **Comments:** Notes: When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "4". **Data Element Summary** Ref. Data **Element Name Attributes** Des. M TXI01 963 Tax Type Code M ID 2/2 Code specifying the type of tax 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 Refer to 004010 Data Element Dictionary for acceptable code values. TXI02 782 X R 1/18 **Monetary Amount** Monetary amount 954 **TXI03** Percent X R 1/10 Percentage expressed as a decimal Tax rate for this jurisdiction. TXI04 955 Tax Jurisdiction Code Qualifier X ID 2/2 Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values. **TXI05** 956 **Tax Jurisdiction Code** X AN 1/10

Code identifying the taxing jurisdiction

TXI06	441	Tax Exempt Co	de	X	ID 1/1
		Code identifying	exemption status from sales and use tax		
		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
TXI07	662	Relationship Co	de	O	ID 1/1
		Code indicating t	he relationship between entities		
		A	Add		
		D	Delete		
		O	Information Only		
TXI08	828	Dollar Basis For	Percent	O	R 1/9
		Dollar basis to be	used in the percent calculation of the allow	ance.	, charge or
		tax			
TXI09	325	Tax Identification	on Number	O	AN 1/20
			to a purchaser (buyer, orderer) by a taxing		
		county, etc.); ofte	en called a tax exemption number or certific	ate nu	
TXI10	350	Assigned Identif	ïcation	O	AN 1/20
		Alphanumeric ch	aracters assigned for differentiation within	a tran	saction 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.

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: When submitting the 811 to any federal agency, use of the NM1 segment is optional

when HL03 is ''4''.

			Data Elem	ent Summary		
	Ref.	Data	N I		A 44-	214
M	<u>Des.</u> NM101	Element 98	Name Entity Identifier C	'ade		<u>ibutes</u> ID 2/3
141	1411101	70	•	organizational entity, a physical location.		
			individual	organizational entity, a physical location,	, prop	city of all
			'SJ' and '9D' are th	he only valid codes at HL1 (Service Provi	der L	.evel).
			9D	New Service Provider		
			AG	Agent/Agency		
			AK	Party to Whom Acknowledgment Shoul	d Be	Sent
			AO	Account Of		
			BS	Bill and Ship To		
			C3	Circuit Location Identifier		
			CA	Carrier		
			CT	Country of Origin		
			EN	End User		
			GP	Gateway Provider		
			IA	Installed At		
			P9	Primary Interexchange Carrier (PIC)		
			PE	Payee		
			PM	Party to receive paper Memo of Invoice		
			PR	Payer		
			RI	Remit To		
			RL	Reporting Location		
			SE	Selling Party		
			SJ	Service Provider		
M	NM102	1065	Entity Type Quali	fier	\mathbf{M}	ID 1/1
			Code qualifying the	type of entity		
			Refer to 004010 Da	ta Element Dictionary for acceptable code	valu	ies.
	NM103	1035	Name Last or Org	anization Name	O	AN 1/35
			Individual last name	e or organizational name		
	NM104	1036	Name First		O	AN 1/25
			Individual first nam	ne		
	NM105	1037	Name Middle		O	AN 1/25

Individual middle name or initial

	NM106	1038	Name Prefix		O	AN 1/10
			Prefix to indivi	dual name		
	NM107	1039	Name Suffix		O	AN 1/10
			Suffix to indivi	idual name		
	NM108	66	Identification	Code Qualifier	X	ID 1/2
			Code designati Code (67)	ng the system/method of code structure used	for Id	entification
			Code values '4 Provider Level	1', '42' and '91' are the only valid values at ').	HL1 ((Service
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with For Suffix	our Cl	haracter
			10	Department of Defense Activity Addre (DODAAC)	ss Co	de
			33	Commercial and Government Entity (CAGE	E)
			40	Electronic Mail User Code		
			41	Telecommunications Carrier Identifica	tion (Code
			42	Telecommunications Pseudo Carrier Id	lentifi	cation Code
			91	Assigned by Seller or Seller's Agent		
			92	Assigned by Buyer or Buyer's Agent		
			ZY	Temporary Identification Number		
	NM109	67	Identification	Code	X	AN 2/80
			Code identifyir	ng a party or other code		
			'42' use Pseud	use CIC code list maintained by Lockheed I o-CIC list provided in OBF Section 10.4. 2' use CIC Code list maintained by Lockhee		·
				use Pseudo-CIC list provided in OBF Section		
Not Used	NM110	706	Entity Relatio	-	X	ID 2/2
Not Used	NM111	98	Entity Identifi	ier Code	O	ID 2/3

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: When submitting the 811 to any federal agency, use of the N2 segment is optional

when HL03 is "4".

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			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: When submitting the 811 to any federal agency, use of the N3 segment is optional

when HL03 is ''4''.

M	Ref. <u>Des.</u> N301	Data Element 166	Name Address Information	Attributes M AN 1/55
			Address information	
	N302	166	Address Information	O AN 1/55
			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: Semantic Notes: Comments: 1 If N406 is present, then N405 is required.

- 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: When submitting the 811 to any federal agency, use of the N4 segment is optional when HL03 is ''4''.

Ref.	Data		·					
Des.	Element	<u>Name</u>		Attı	<u>ributes</u>			
N401	19	City Name		O	AN 2/30			
		Free-form text for c	ity name					
N402	156	State or Province	Code	O	ID 2/2			
		Code (Standard Sta	te/Province) as defined by appropriate go	vernn	nent agency			
N403	116	Postal Code		O	ID 3/15			
		_	Code defining international postal zone code excluding punctuation and bla (zip code for United States)					
N404	26	Country Code		O	ID 2/3			
		Code identifying the	e country					
N405	309	Location Qualifier	•	X	ID 1/2			
		Code identifying ty	pe of location					
		AC	City and State					
		AR	Armed Services Location Designation					
		CC	Country					
		CI	City					
		SP	State/Province					
N406	310	Location Identifier	r	O	AN 1/30			
		Code which identifi	es a specific location					

Segment: PER Administrative Communications Contact

Position: 380

Loop: NM1 Optional

Level: Detail
Usage: Optional
Max Use: 3

Purpose: T

se: 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.

- 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:

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

Data Element Summary

Data Element Summary								
	Ref.	Data						
	Des.	Element	Name	-		<u>ributes</u>		
M	PER01	366	Contact Function		M	ID 2/2		
				e major duty or responsibility of the perso	n or	group named		
			AD	Accounting Department				
			AR	Accounts Receivable Department				
			BD	Buyer Name or Department				
			BI	Bill Inquiry Contact				
			CC	Computer Systems Contact				
			DA	Directory Advertising Contact				
			IC	Information Contact				
			MA	Maintenance Contact				
			OC	Order Contact				
			OD	Order Department				
			PM	Product Manager				
			QA	Quality Assurance Contact				
			SR	Sales Representative or Department				
			TR	Technical Marketing Representative				
	PER02	93	Name		O	AN 1/60		
			Free-form name					
	PER03	365	Communication N	umber Qualifier	\mathbf{X}	ID 2/2		
			Code identifying the	e type of communication number				
			AU	Defense Switched Network				
				This code is to be used only within the	feder	al		
				government.				
			EM					
			FX	Facsimile				
			TE	Telephone				
			UR	Uniform Resource Locator (URL)				
	PER04	364	Communication N	umber	X	AN 1/80		
			=	cations number including country or area	code	when		
				ications number including country or ar	ea co	de when		
	PER04	364	EM FX TE UR Communication N Complete communication	This code is to be used only within the government. Electronic Mail Facsimile Telephone Uniform Resource Locator (URL) umber cations number including country or area	X code	AN 1/80 when		

applicable.

PER05	365	Communication Number Qualifier		X	ID 2/2
		Code identifying the type of communication number			
		AU	Defense Switched Network		
			This code is to be used only within the government.	feder	al
		EM	Electronic Mail		
		FX	Facsimile		
		TE	Telephone		
PER06	364	Communication N	Number	X	AN 1/80
		Complete communapplicable	nications number including country or area	code	when
PER07	365	Communication N	Number Qualifier	X	ID 2/2
		Code identifying th	ne type of communication number		
		AA	International Telephone Access Code		
		AB	Joint Facsimile and Phone Number		
		AC	Message Only Voice Number		
		AD	Delivery Location Phone		
		AP	Alternate Telephone		
		AS	Answering Service		
		AU	Defense Switched Network		
		BN	Beeper Number		
		BT	BTX Number		
		CA	Cable		
		CP	Cellular Phone		
		DN	Defense Data Network (DDN)		
		ED	Electronic Data Interchange Access Nur	mber	
		EM	Electronic Mail		
		EX	Telephone Extension		
		FT	Federal Telecommunications System (F	TS)	
		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		
		TE	Telephone		
		TL	Telex		
		TM	Telemail		
		TN	Teletex Number		

			TX	TWX
			UR	Uniform Resource Locator (URL)
			VM	Voice Mail
			WC	Work Cellular
			WF	Work Facsimile Number
			WP	Work Phone Number
	PER08	364	Communica	tion Number X AN 1/80
			Complete con applicable	mmunications number including country or area code when
Not Used	PER09	443		uiry Reference O AN 1/20

Segment: SLN Subline Item Detail

Position: 390

Loop: SLN Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify product subline detail item data

Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.

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

Semantic Notes:

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

Comments:

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

Notes:

- 1. 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".

	Ref.	Data					
	Des.	Element	Name	<u>Attr</u>	<u>ibutes</u>		
M	SLN01	350	Assigned Identification	M	AN 1/20		
			Alphanumeric characters assigned for differentiation within	Alphanumeric characters assigned for differentiation within a transaction set			
	SLN02	350	Assigned Identification	O	AN 1/20		
			Alphanumeric characters assigned for differentiation within	a trans	saction set		
M	SLN03	662	Relationship Code	M	ID 1/1		
			Code indicating the relationship between entities				
			I Included				
Must Use	SLN04	380	Quantity	X	R 1/15		
			Numeric value of quantity				
	SLN05	C001	Composite Unit of Measure	X			
			To identify a composite unit of measure (See Figures Appel of use)	endix f	for examples		

M	C00101	355	Unit or Basis	for Measurement Code	M	ID 2/2		
			Code specifying the units in which a value is being expressed, or manner in					
			which a measurement has been taken When SI NOS 01 = 'MM' rules of extended pricing do not apply Proposed.					
			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).				
			Refer to 0040	10 Data Element Dictionary for acceptable co	de val	ues.		
Not Used	C00102	1018	Exponent		O	R 1/15		
Not Used	C00103	649	Multiplier		O	R 1/10		
Not Used	C00104	355		for Measurement Code	O	ID 2/2		
Not Used	C00105	1018	Exponent		O	R 1/15		
Not Used	C00106	649	Multiplier		0	R 1/10		
Not Used	C00107	355		for Measurement Code	0	ID 2/2		
Not Used	C00108	1018	Exponent		0	R 1/15		
Not Used	C00109	649	Multiplier		0	R 1/10		
Not Used	C00110	355		for Measurement Code	0	ID 2/2		
Not Used	C00111	1018	Exponent		0	R 1/15		
Not Used	C00112	649	Multiplier	0.35	0	R 1/10		
Not Used	C00113	355		for Measurement Code	0	ID 2/2		
Not Used	C00114	1018	Exponent		0	R 1/15		
Not Used	C00115	649	Multiplier		0	R 1/10		
	SLN06	212	Unit Price	of muchant couries commodity ato	X	R 1/17		
	CI NOT	639	Basis of Unit	of product, service, commodity, etc.	0	ID 2/2		
	SLN07	039			U	ID 2/2		
			BD	ing the type of unit price for an item Before Discount				
			CP	Current Price (Subject to Change)				
			CT	Contract				
			DP	Daily Price per Unit				
			PB	Annual Price Per Unit				
			PE	Price per Each				
			PM	Monthly Price Per Unit				
			TE	Contract Price per Each				
			TP	Price per Thousand				
			WI	Weekly Price per Unit				
	SLN08	662	Relationship	• •	0	ID 1/1		
	521100	002	_	ng the relationship between entities		12 1, 1		
			A	Add				
			D	Delete				
			I	Included				
			O	Information Only				
	SLN09	235	Product/Serv	vice ID Qualifier	X	ID 2/2		
			Code identify	ing the type/source of the descriptive number	used ii	1		
			Product/Servi	ce ID (234) temporarily being used for code 'WJ'.				
			SV	Service Rendered				
			VP	Vendor's (Seller's) Part Number				
			ZZ	Mutually Defined				
			LL	Mutually Defined				

	SLN10	234	Product/Service ID Identifying number for a product or service	X	AN 1/48	
			If SLN09 = 'SV' or 'ZZ', see OBF Section 10.4 for a list of	list of valid values.		
	SLN11	235	Product/Service ID Qualifier	•	ID 2/2	
			Code identifying the type/source of the descriptive number Product/Service ID (234)	r used ir	1	
	CT NIA	224	ZZ Mutually Defined	***	1374/40	
	SLN12	234	Product/Service ID	X	AN 1/48	
			Identifying number for a product or service			
Not Used	SLN13	235	Product/Service ID Qualifier	X	ID 2/2	
Not Used	SLN14	234	Product/Service ID	X	AN 1/48	
Not Used	SLN15	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2	
Not Used	SLN16	234	Product/Service ID	X	AN 1/48	
Not Used	SLN17	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2	
Not Used	SLN18	234	Product/Service ID	\mathbf{X}	AN 1/48	
Not Used	SLN19	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2	
Not Used	SLN20	234	Product/Service ID	X	AN 1/48	
Not Used	SLN21	235	Product/Service ID Qualifier	X	ID 2/2	
Not Used	SLN22	234	Product/Service ID	X	AN 1/48	
Not Used	SLN23	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2	
Not Used	SLN24	234	Product/Service ID	\mathbf{X}	AN 1/48	
Not Used	SLN25	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2	
Not Used	SLN26	234	Product/Service ID	X	AN 1/48	
Not Used	SLN27	235	Product/Service ID Qualifier	X	ID 2/2	
Not Used	SLN28	234	Product/Service ID	X	AN 1/48	
1100 0000	521120	_0.	110000001110012	41	111 1 1/10	

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.
- If either SI14 or SI15 is present, then the other is required.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:

Notes:

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

	Ref.	Data	2 404 2.0		
	Des.	Element	<u>Name</u>		<u>ributes</u>
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
M	SI03	234	Product/Service ID	\mathbf{M}	AN 1/48
			Identifying number for a product or service		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	char	acteristics
	SI05	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI06	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI08	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI10	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI11	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI12	1000	Service Characteristics Qualifier	X	AN 2/2

		Code from an industry code list qualifying the type of service	char	acteristics
SI13	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI14	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	char	acteristics
SI15	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI16	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	char	acteristics
SI17	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI18	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	char	racteristics
SI19	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI20	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	char	racteristics
SI21	234	Product/Service ID	X	AN 1/48
		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.
 - 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: When submitting the 811 to any federal agency, use of the PID segment is optional when HL03 is ''8''.

			Butu Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>	Att	<u>ributes</u>
M	PID01	349	Item Description Type	M	ID 1/1
			Code indicating the format of a description		
			Refer to 004010 Data Element Dictionary for acceptable co	de valı	ues.
Not Used	PID02	750	Product/Process Characteristic Code	O	ID 2/3
	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			AS Assigned by Seller		
	PID04	751	Product Description Code	X	AN 1/12
			A code from an industry code list which provides specific d characteristic	ata abo	out a product
	PID05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements	and the	eir content
Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2
Not Used	PID07	822	Source Subqualifier	O	AN 1/15
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
Not Used	PID09	819	Language Code	0	ID 2/3

Segment:	CUF	Currency
Position:	420	
Loop:	SLN	Optional
Level:	Detail	

Usage: Optional Max Use: 1

Purpose: Syntax Notes:

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

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

			Data Eleme	ent Summary			
	Ref.	Data					
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ributes</u>	
M	CUR01	98	Entity Identifier Co	ode	M	ID 2/3	
			Code identifying an individual PR	organizational entity, a physical location, Payer	prop	perty or an	
M	CUR02	100	Currency Code		M	ID 3/3	
			Code (Standard ISO) for country in whose currency the charg	es ar	e specified	
				s of America, Dollars			
	CHIDAA	200		es, request ISO 4217 Currency Code List	-	D 4/10	
	CUR03	280	Exchange Rate		O	R 4/10	
				a multiplier conversion factor to convert	none	tary value	
	CUR04	98	from one currency to Entity Identifier Co		0	ID 2/3	
	CCR04	70	•		•		
			individual	organizational entity, a physical location,	prop	erty or an	
			PE	Payee			
			PM	Party to receive paper Memo of Invoice			
			RI	Remit To			
			SE	Selling Party			
			SJ	Service Provider			
	CUR05	100	Currency Code		0	ID 3/3	
			Code (Standard ISO) for country in whose currency the charges are				

			CAD USD	Canada, Dollars United States of America, Dollars		
			For a	dditional values, request ISO 4217 Currency Code Lis	t	
	CUR06	669		ency Market/Exchange Code	0	ID 3/3
				identifying the market upon which the currency exchan	ge ra	te is based
			IM	F International Monetary Fund	_	
			LN	F London (England) Exchange - First Clo	sing	
			LN		_	ng
			NY	C New York Foreign Exchange		
			PH	I Philadelphia Foreign Exchange		
			ZU			
	CUR07	374	Date/	Time Qualifier	X	ID 3/3
				specifying type of date or time, or both date and time		
			001			
			003	Invoice		
			007	Effective		
			009	Process		
			035	Delivered		
			092	Contract Effective		
			093	Contract Expiration		
			102	•		
			150	Service Period Start		
			151	Service Period End		
			152	Effective Date of Change		
			153			
			154	_		
			155	Adjustment Period End		
	CUR08	373	Date		O	DT 8/8
			Date	expressed as CCYYMMDD		
	CUR09	337	Time		O	TM 4/8
			HHM (00-5) secon (00-9)		= mi nds; c	nutes lecimal lredths
Not Used	CUR10	374		Time Qualifier	X	ID 3/3
Not Used	CUR11	373	Date		X	DT 8/8
Not Used	CUR12	337	Time		X	TM 4/8
Not Used	CUR13	374	Date/	Time Qualifier	X	ID 3/3
Not Used	CUR14	373	Date		X	DT 8/8
Not Used	CUR15	337	Time		X	TM 4/8
Not Used	CUR16	374		Time Qualifier	X	ID 3/3
Not Used	CUR17	373	Date		X	DT 8/8
Not Used	CUR18	337	Time		X	TM 4/8
Not Used	CUR19	374		Time Qualifier	X	ID 3/3
Not Used	CUR20	373	Date		X	DT 8/8
Not Used	CUR21	337	Time		X	TM 4/8

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

Data Element Summary

	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Attı	ributes
M	INC01	336	Terms Type Code		ID 2/2
			Code identifying type of payment terms		
			04 Deferred or Installment		
M	INC02	C001	Composite Unit of Measure	M	
			To identify a composite unit of measure (See Figures Appe	ndix f	for examples
			of use)		1
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable cod		
Not Used	C00102	1018	Exponent	O	R 1/15
Not Used	C00103	649	Multiplier	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent	O	R 1/15
Not Used	C00106	649	Multiplier	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent	O	R 1/15
Not Used	C00109	649	Multiplier	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent	O	R 1/15
Not Used	C00112	649	Multiplier	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent	O	R 1/15
Not Used	C00115	649	Multiplier	O	R 1/10
M	INC03	380	Quantity	M	R 1/15
			Numeric value of quantity		
			Indicates the total number of installments.		
M	INC04	380	Quantity	M	R 1/15
			Numeric value of quantity		

Indicates number of current installments.

INC05 782 Monetary Amount

O R 1/18

Monetary amount

Balance remaining after this installment is billed.

ITA Allowance, Charge or Service **Segment: Position:** Loop: **SLN Optional** Level: Detail Usage: Optional Max Use: **Purpose:** To specify allowances, charges, or services **Syntax Notes:** If ITA08 is present, then ITA09 is required. If ITA15 is present, then ITA02 is required. 3 If ITA17 is present, then ITA12 is required. 4 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 5 If either ITA10 or ITA11 is present, then the other is required. **Semantic Notes:** ITA09 is the allowance or charge percent. 1 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:** If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 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. ITA13 is used to clarify the allowance, charge, or service. ITA15 specifies the individual code list of the agency specified in ITA02. ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated Notes: When submitting the 811 to any federal agency, use of the ITA segment is optional

Data Element Summary

when HL03 is "8".

			D	ata Element Summar y		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		Δtt	ributes
M	<u>Bes.</u> ITA01	248		e or Charge Indicator	M	ID 1/1
			Code whi	ch indicates an allowance or charge for the service	speci	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency (Qualifier Code	\mathbf{X}	ID 2/2
			Code iden	ntifying the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special S	ervices Code	\mathbf{X}	ID 2/10
			Code iden	ntifying the special service		
			See OBF	Section 10.4 for a list of valid values.		
M	ITA04	331	Allowanc	e or Charge Method of Handling Code	M	ID 2/2
			Code indi	cating method of handling for an allowance or char	ge	
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowanc	e or Charge Number	O	AN 1/16
			The numb	per assigned by a vendor referencing an allowance,	prom	otion, deal or
	ITA06	359	Allowanc	ee or Charge Rate	O	R 1/15
			Allowanc	e or Charge Rate per Unit		

ITA07	360	Allowance or Ch	O	N2 1/15	
		Total dollar amou	int for the allowance or charge		
ITA08	378		ge Percent Qualifier	O	ID 1/1
		Code indicating on what basis allowance or charge percent is			ulated
		9	Late Payment Charge Base Amount		
ITA09	332	Percent		X	R 1/6
		Percent expressed	l as a percent		
ITA10	380	Quantity		X	R 1/15
		Numeric value of	quantity		
ITA11	355	Unit or Basis for	Measurement Code	X	ID 2/2
		Code specifying t	he units in which a value is being expressed	l, or i	manner in
			ment has been taken		
		03	Seconds		
		12	Packet		
		1X	Quarter Mile		
		AD	Bytes		
		AH	Additional Minutes		
		AI	Average Minutes Per Call		
		AL	Access Lines		
		AN	Minutes or Messages		
		C0	Calls		
		DA	Days		
		DC	Disk (Disc)		
		DH	Miles		
		DK	Kilometers		
		DQ	Data Records		
		DY	Directory Books		
		EA	Each		
		EB	Electronic Mail Boxes		
		EV	Envelope		
		G7	Microfiche Sheet		
		H1	Half Pages - Electronic		
		HR	Hours		
		HT	Half Hour		
		KB	Kilocharacters		
		KF	Kilopackets		
		KJ	Kilosegments		
		M0	Magnetic Tapes		
		M4	Monetary Value		
		MJ	Minutes		
		MO	Months		
		MR	Meter		
		NF	Messages		
		NH	Message Hours		
		NJ	Number of Screens		
		OT	Overtime Hours		
		P0	Pages - Electronic		

			P1	Percent		
			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service -	Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	ITA12	380	Quantity		X	R 1/15
	ITA13	352	Description		X	AN 1/80
			A free-form descr	ription to clarify the related data elements a	and the	eir content
	ITA14	150	Special Charge of	or Allowance Code	X	ID 3/3
			Code identifying	type of special charge or allowance		
				10.4 for a list of valid values.		
Not Used	ITA15	822	Source Subquali		O	AN 1/15
	ITA16	662	Relationship Co	de	O	ID 1/1
			Code indicating the	he relationship between entities		
			A	Add		
			D	Delete		
			I	Included		
			O	Information Only		
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

TXI05

956

TXI Tax Information **Segment: Position:** Loop: **SLN Optional** Level: Detail Usage: Optional Max Use: **Purpose:** To specify tax information **Syntax Notes:** At least one of TXI02 TXI03 or TXI06 is required. 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. TXI03 is the tax percent expressed as a decimal. TXI07 is a code indicating the relationship of the price or amount to the associated segment. **Comments:** Notes: When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "8". **Data Element Summary** Ref. Data **Element Name Attributes** Des. M TXI01 963 Tax Type Code M ID 2/2 Code specifying the type of tax 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 Refer to 004010 Data Element Dictionary for acceptable code values. TXI02 782 X R 1/18 **Monetary Amount** Monetary amount 954 **TXI03** Percent X R 1/10 Percentage expressed as a decimal Tax rate for this jurisdiction. TXI04 955 Tax Jurisdiction Code Qualifier X ID 2/2 Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values.

Code identifying the taxing jurisdiction

X AN 1/10

Tax Jurisdiction Code

TXI06	441	Tax Exempt Cod	e	X	ID 1/1
		Code identifying e	exemption status from sales and use tax		
		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
TXI07	662	Relationship Cod	le	O	ID 1/1
		Code indicating th	ne relationship between entities		
		A	Add		
		D	Delete		
		I	Included		
		O	Information Only		
TXI08	828	Dollar Basis For	Percent	O	R 1/9
		Dollar basis to be tax	used in the percent calculation of the allow	ance	, charge or
TXI09	325	Tax Identification	n Number	O	AN 1/20
		-	to a purchaser (buyer, orderer) by a taxing n called a tax exemption number or certific	•	
TXI10	350	Assigned Identifi	cation	O	AN 1/20
		Alphanumeric cha	racters assigned for differentiation within	a tran	saction set

REF Reference Identification **Segment:**

Position:

SLN Loop: Optional

Level: Detail Usage: Optional Max Use:

Purpose: To specify identifying information

Syntax Notes: At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.

If either C04005 or C04006 is present, then the other is required.

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

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

			Data Elem	ent Summary						
M	Ref. <u>Des.</u> REF01	Data Element 128	<u>Name</u> Reference Identific	cation Qualifier		ributes ID 2/3				
			Code qualifying the	Reference Identification						
			12	Billing Account						
			1J	Facility ID Number						
			4L	Location-specific Services Reference N	umbe	er				
			6R	Provider Control Number						
			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						
			V0	Version						
			YN	Receiver ID Qualifier						
			ZH	Carrier Assigned Reference Number						
			ZZ	Mutually Defined						
	REF02	127	Reference Identific	cation	X	AN 1/30				
	REF03	352		on as defined for a particular Transaction Ference Identification Qualifier	Set o	or as AN 1/80				
			A free-form descrip	tion to clarify the related data elements an	nd the	eir content				
	REF04	C040	Reference Identifie	er	O					
			To identify one or n	nore reference numbers or identification r	To identify one or more reference numbers or identification numbers as					

specified by the Reference Qualifier

M	C04001	128	Reference Ide	entification Qualifier	M	ID 2/3
			Code qualifyin	g the Reference Identification		
			1J	Facility ID Number		
			ACB	Region		
\mathbf{M}	C04002	127	Reference Ide	entification	\mathbf{M}	AN 1/30
				rmation as defined for a particular Transaction Reference Identification Qualifier	on Set o	or as
	C04003	128	Reference Ide	entification Qualifier	X	ID 2/3
			Code qualifyin	g the Reference Identification		
	C04004	127	Reference Ide	entification	X	AN 1/30
				rmation as defined for a particular Transaction Reference Identification Qualifier	n Set o	or as
Not Used	C04005	128	Reference Ide	ntification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Ide	entification	X	AN 1/30

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.

- 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:

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

Data Element Summary

			Data Elem	ent Summary		
	Ref.	Data	•			••
M	<u>Des.</u> PER01	<u>Element</u> 366	Name Contact Function	Codo	Attr M	ributes ID 2/2
IVI	LEKUI	300				
				e major duty or responsibility of the person	on or §	group named
			AD	Accounting Department		
			AR	Accounts Receivable Department		
			BD	Buyer Name or Department		
			BI	Bill Inquiry Contact		
			CC	Computer Systems Contact		
			DA	Directory Advertising Contact		
			IC	Information Contact		
			MA	Maintenance Contact		
			OC	Order Contact		
			OD	Order Department		
			PM	Product Manager		
			QA	Quality Assurance Contact		
			SR	Sales Representative or Department		
			TR	Technical Marketing Representative		
	PER02	93	Name		0	AN 1/60
			Free-form name			
	PER03	365	Communication N	lumber Qualifier	X	ID 2/2
			Code identifying th	e type of communication number		
			AU	Defense Switched Network		
				This code is to be used only within the	feder	al
				government.		
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
			UR	Uniform Resource Locator (URL)		
	PER04	364	Communication N	lumber	X	AN 1/80
			Complete communapplicable	ications number including country or area	ı code	when
			Complete commun	ications number including country or ar	ea co	de when

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applicable.

PER05	365	Communication N	Communication Number Qualifier		ID 2/2
		Code identifying th	lentifying the type of communication number		
		AU	Defense Switched Network		
			This code is to be used only within the	feder	al
		EM	government.		
		EM	Electronic Mail		
		FX	Facsimile		
DED04	264	TE	Telephone	₹7	A N. 1 /00
PER06	364	Communication N		X	AN 1/80
		applicable	ications number including country or area	coae	wnen
PER07	365	Communication N	lumber Oualifier	X	ID 2/2
			e type of communication number		
		AA	International Telephone Access Code		
		AB	Joint Facsimile and Phone Number		
		AC	Message Only Voice Number		
		AD	Delivery Location Phone		
		AP	Alternate Telephone		
		AS	Answering Service		
		AU	Defense Switched Network		
		BN	Beeper Number		
		BT	BTX Number		
		CA	Cable		
		CP	Cellular Phone		
		DN	Defense Data Network (DDN)		
		ED	Electronic Data Interchange Access Nu	mber	
		EM	Electronic Mail		
		EX	Telephone Extension		
		FT	Federal Telecommunications System (F	TS)	
		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		
		TE	Telephone		
		TL	Telex		
		TM	Telemail		
		TN	Teletex Number		

			TX	TWX
			UR	Uniform Resource Locator (URL)
			VM	Voice Mail
			WC	Work Cellular
			WF	Work Facsimile Number
			WP	Work Phone Number
	PER08	364	Communica	tion Number X AN 1/80
			Complete co applicable	mmunications number including country or area code when
Not Used	PER09	443	Contact Inq	uiry Reference O AN 1/20

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 If DTM04 is present, then DTM03 is required.

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

Semantic Notes: Comments:

Notes:

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

			Data Ele	ement Summary		
	Ref.	Data				••
M	<u>Des.</u> DTM01	<u>Element</u> 374	Name Date/Time Qual	lifion		ributes ID 3/3
IVI	DIMINI	3/4	_	IVI	ID 3/3	
				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		
			153	Service Interruption		
			154	Adjustment Period Start		
			155	Adjustment Period End		
			197	End		
			201	Acceptance		
			306	Adjustment Effective Date		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date		\mathbf{X}	DT 8/8
			Date expressed a	s CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8
Not Used	DTM04	623	Time Code		O	ID 2/2

Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period	X	AN 1/35

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: When submitting the 811 to any federal agency, use of the AMT segment is optional

when HL03 is ''8''.

	T . 0	-	Data Eleme	ent Summary		
	Ref.	Data	Nama		A 44-	ibutaa
M	<u>Des.</u> AMT01	Element 522	<u>Name</u> Amount Qualifier (Code	_	<u>ibutes</u> ID 1/3
141	MINITOI	322	Code to qualify amo		141	10 1/3
			1	Line Item Total		
			5	Total Invoice Amount		
			6	Amount Subject to Total Monetary Disc	Ount	
			8	Total Monetary Discount Amount	Ount	
			1E	Fixed Price		
			AD	Adjusted Total		
			AP	Amount Prior to Fractionalization		
			AQ	Average Price Per Call		
			AS	Average Price Per Minute		
			AX	Previous Price		
			BT	Bank Reject Total		
			CH	Change Amount		
			CS	Commission Sales		
			CT	Contract		
			KO	Committed Amount		
			LI	Line Item Unit Price		
			LM	Limit		
			N	Net		
			NA	Net Adjustment		
			NO	Non Commission Sales		
			NR	Nonrecurring		
			NS	Net Savings Amount		
			PB	Billed Amount		
			RJ	Rate Amount		
			SC	Total Service Charge		
			TP	Total payment amount		
			TS	Total Sales		
			TT	Total Transaction Amount		
			ZT	Prorated Amount		
M	AMT02	782	Monetary Amount		M	R 1/18

Monetary amount

Not Used AMT03 478 Credit/Debit Flag Code O ID 1/1

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.

page, advance a line, etc.

If MSG02 is "AA - Advance the specified number of lines before print" then MSG03

is required.

Notes: When submitting the 811 to any federal agency, use of the MSG segment is optional

when HL03 is "8".

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	Printer Carriage Control Code	X ID 2/2
Not Used	MSG03	1470	Number	O N0 1/9

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: Comments: 1 QTY04 is used when the quantity is non-numeric.

Notes: W

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

	Data Element Summary							
	Ref.	Data						
3.5	Des.	<u>Element</u>	Name		Attributes			
M	QTY01	673	Quantity Qualifier		M ID 2/2			
			Code specifying the					
			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				
			91	Additional Usage Quantity				
			92	Allotted Usage Quantity				
			93	Attendant-Handled Quantity				
			94	Billable Quantity				
			95	Data Storage Quantity				
			96	Non-Billable Quantity				
			97	Non-Urgent Delivery Quantity				
			98	Overflow Quantity				
			99	Quantity Used				
			AA	Unacknowledged Quantity				
			AB	Urgent Delivery Quantity				
			AC	Voice Storage Quantity				
			AD	Maintenance Units				
			AE	Minimum Average Time Requirement	(MATR) Units			
			AF	Wide Area Telephone Service (WATS)	/800 Service Units			
			AG	Number of End Users				
			AH	Number of Message Recipients				
			AI	Number of Operator Credits				
			AJ	Daily Adjustments				
			D1	Billed				

			M2	Maximum		
			NS	Number of Stations		
			QD	Quantity Delivered		
			TO	Total		
Must Use	QTY02	380	Quantity		X	R 1/15
			Numeric value of	quantity		
	QTY03	C001	Composite Unit	of Measure	O	
			To identify a com	posite unit of measure (See Figures Appen	ndix	for examples
3.5	G00404	2	of use)			TD 4/4
M	C00101	355		Measurement Code		ID 2/2
				the units in which a value is being expressed ment has been taken	ı, or ı	manner in
			03	Seconds		
			12	Packet		
			1X	Quarter Mile		
			4L	Megabyte		
			AD	Bytes		
			AH	Additional Minutes		
			AI	Average Minutes Per Call		
			AL	Access Lines		
			AN	Minutes or Messages		
			C0	Calls		
			DA	Days		
			DC	Disk (Disc)		
			DH	Miles		
			DK	Kilometers		
			DQ	Data Records		
			DY	Directory Books		
			EA	Each		
			EB	Electronic Mail Boxes		
			EV	Envelope		
			F3	Equivalent		
			G7	Microfiche Sheet		
			H1	Half Pages - Electronic		
			HR	Hours		
			HT	Half Hour		
			KB	Kilocharacters		
			KF	Kilopackets		
			KJ	Kilosegments		
			M0	Magnetic Tapes		
			M4	Monetary Value		
			MJ MO	Minutes		
			MO	Months		
			MR	Meter		
			NF	Messages		
			NH	Message Hours		

Number of Screens

NJ

			OT	Overtime Hours		
			P0	Pages - Electronic		
			P1	Percent		
			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service	- Aver	rage
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	C00102	1018	Exponent		O	R 1/15
Not Used	C00103	649	Multiplier		O	R 1/10
Not Used	C00104	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent		O	R 1/15
Not Used	C00106	649	Multiplier		O	R 1/10
Not Used	C00107	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent		O	R 1/15
Not Used	C00109	649	Multiplier		O	R 1/10
Not Used	C00110	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent		O	R 1/15
Not Used	C00112	649	Multiplier		O	R 1/10
Not Used	C00113	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent		O	R 1/15
Not Used	C00115	649	Multiplier		O	R 1/10
Not Used	QTY04	61	Free-Form Mes	sage	X	AN 1/30

Segment: SI Service Characteristic Identification

Position: 520

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify service characteristic data

Syntax Notes:

- If either SI04 or SI05 is present, then the other is required.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:

Notes:

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

	Ref.	Data	v		
3.5	Des.	Element 7.50	Name		ributes
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI05	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI06	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI08	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI10	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI11	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI12	1000	Service Characteristics Qualifier	X	AN 2/2

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

Syntax Notes:

To supply the full name of an individual or organizational entity

1 If either NM108 or NM109 is present, then the other is required.

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: When submitting the 811 to any federal agency, use of the NM1 segment is optional

when HL03 is ''8''.

	Ref.	Data	Data Elem	ent Summary		
	Des.	Element	Name		Attr	ibutes
M	NM101	98	Entity Identifier C	ode		ID 2/3
			Code identifying an	organizational entity, a physical location,	prop	erty or an
			individual			
				ne only valid codes at HL1 (Service Provi	der L	.evel).
			9D	New Service Provider		
			AG	Agent/Agency		
			AK	Party to Whom Acknowledgment Should	d Be	Sent
			AO	Account Of		
			BS	Bill and Ship To		
			C3	Circuit Location Identifier		
			CA	Carrier		
			CT	Country of Origin		
			EN	End User		
			GP	Gateway Provider		
			IA	Installed At		
			P9	Primary Interexchange Carrier (PIC)		
			PE	Payee		
			PM	Party to receive paper Memo of Invoice		
			PR	Payer		
			RI	Remit To		
			RL	Reporting Location		
			SE	Selling Party		
			SJ	Service Provider		
M	NM102	1065	Entity Type Qualif	ier	M	ID 1/1
			Code qualifying the	type of entity		
			Refer to 004010 Da	ta Element Dictionary for acceptable code	valu	es.
	NM103	1035	Name Last or Orga	anization Name	O	AN 1/35
			Individual last name	e or organizational name		
	NM104	1036	Name First		O	AN 1/25
			Individual first nam	e		
	NM105	1037	Name Middle		O	AN 1/25
			T 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		

Individual middle name or initial

	NM106	1038	Name Prefix		O	AN 1/10	
			Prefix to individual	l name			
	NM107	1039	Name Suffix		O	AN 1/10	
			Suffix to individua	l name			
	NM108	66	Identification Cod	le Qualifier	X	ID 1/2	
			Code designating the	he system/method of code structure used f	for Identification		
			Code (67)				
				Code values '41', '42' and '91' are the only valid values at HL1 (Service			
			Provider Level).	D-U-N-S Number, Dun & Bradstreet			
			9	D-U-N-S+4, D-U-N-S Number with Fo	Cl	nama atam	
			9	Suffix	ui Ci	iaracter	
			10	10 Department of Defense Activity Address Code			
			(DODAAC)				
			Commercial and Government Entity (CAGE)				
			40 Electronic Mail User Code				
			41	Telecommunications Carrier Identificat	ion C	Code	
			42	Telecommunications Pseudo Carrier Ide	entifi	cation Code	
			91	Assigned by Seller or Seller's Agent			
			92	Assigned by Buyer or Buyer's Agent			
			ZY	Temporary Identification Number			
	NM109	67	Identification Cod	le	X	AN 2/80	
			Code identifying a	party or other code			
				CIC code list maintained by Lockheed M	lartin	If N103 =	
			'42' use Pseudo-Cl	IC list provided in OBF Section 10.4.			
			If NIM100 = 1421	use CIC code list maintained by Lockhee	d Ma	t: I£	
				use CIC code list mathidined by Locknee Pseudo-CIC list provided in OBF Section			
Not Used	NM110	706	Entity Relationshi		X	ID 2/2	
Not Used	NM111	98	Entity Identifier (O	ID 2/3	
			v				

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: When submitting the 811 to any federal agency, use of the N2 segment is optional

when HL03 is "8".

	Ref.	Data		
	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			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: When submitting the 811 to any federal agency, use of the N3 segment is optional

when HL03 is "8".

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

Segment: N4 Geographic Location

Position: 560

Loop: NM1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify the geographic place of the named party

Syntax Notes: Semantic Notes: Comments: 1 If N406 is present, then N405 is required.

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

Ref.	Data				
Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
N401	19	City Name		O	AN 2/30
		Free-form text for c	ity name		
N402	156	State or Province	Code	O	ID 2/2
		Code (Standard Sta	te/Province) as defined by appropriate go	vernn	nent agency
N403	116	Postal Code		O	ID 3/15
		Code defining inter- (zip code for United	national postal zone code excluding punc l States)	tuatio	on and blanks
N404	26	Country Code		O	ID 2/3
		Code identifying the	e country		
N405	309	Location Qualifier	•	X	ID 1/2
		Code identifying ty	pe of location		
		AC	City and State		
		AR	Armed Services Location Designation		
		CC	Country		
		CI	City		
		SP	State/Province		
N406	310	Location Identifier	r	O	AN 1/30
		Code which identifi	es a specific location		

REF Reference Identification **Segment:**

Position: 570

> Loop: NM1 Optional

Level: Detail Usage: Optional Max Use:

Purpose: To specify identifying information

Syntax Notes: At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.

If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

Notes:

REF04 contains data relating to the value cited in REF02.

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

			Data Elem	ent Summary		
	Ref.	Data				
M	<u>Des.</u> REF01	<u>Element</u> 128	<u>Name</u> Reference Identifi	cation Qualifier	Attı M	ributes ID 2/3
	1121 V1	120		e Reference Identification		12 2,0
			1J	Facility ID Number		
			4L	Location-specific Services Reference N	umbe	er
			6R			
			7I	7I Subscriber Authorization Number		
			8M	8M Originating Company Identifier		
			8N			
			AAO Carrier Assigned Code			
			BF			
			BLT Billing Type			
			LJ	Local Jurisdiction		
			LU	Location Number		
			P4	Project Code		
			RO	Repetitive Booking Number		
			SU	Special Processing Code		
			V0	Version		
			YN	Receiver ID Qualifier		
			ZH	Carrier Assigned Reference Number		
	REF02	127	Reference Identifi	cation	X	AN 1/30
				ion as defined for a particular Transaction	Set o	or as
	DEE02	252		ference Identification Qualifier	T 7	A NT 1/00
	REF03	352	Description	stion to alouify the valeted data elements of	X	AN 1/80
	REF04	C040	Reference Identifi	otion to clarify the related data elements as	na une O	eir content
	KLT 04	C040		more reference numbers or identification i	•	are ac
			specified by the Re		iuiiio	cis as
M	C04001	128	Reference Identifi		M	ID 2/3
			Code qualifying the	e Reference Identification		
			1J	Facility ID Number		
			ACB	Region		

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

PER Administrative Communications Contact **Segment:**

Position:

Loop: NM1 Optional

Level: Detail Usage: Optional Max Use:

To identify a person or office to whom administrative communications should be directed **Purpose:**

Syntax Notes: If either PER03 or PER04 is present, then the other is required.

If either PER05 or PER06 is present, then the other is required.

If either PER07 or PER08 is present, then the other is required.

Semantic Notes: Comments:

> **Notes:** When submitting the 811 to any federal agency, use of the PER segment is optional

when HL03 is "8".

Data Element Summary							
	Ref.	Data	™ T		A 44	9 4	
M	<u>Des.</u> PER01	Element 366	Name Contact Function	Code		<u>ributes</u> ID 2/2	
	1 2210 1			e major duty or responsibility of the perso			
			AD	Accounting Department		8F	
			AR	Accounts Receivable Department			
			BD	Buyer Name or Department			
			BI	Bill Inquiry Contact			
			CC	Computer Systems Contact			
			DA	Directory Advertising Contact			
			IC	Information Contact			
			MA	Maintenance Contact			
			OC	Order Contact			
			OD	Order Department			
			PM	Product Manager			
			QA	Quality Assurance Contact			
			SR	Sales Representative or Department			
			TR	Technical Marketing Representative			
	PER02	93	Name		O	AN 1/60	
			Free-form name				
	PER03	365	Communication N	umber Qualifier	\mathbf{X}	ID 2/2	
			Code identifying the	e type of communication number			
			AU	Defense Switched Network			
				This code is to be used only within the	feder	ral	
			EM	government. Electronic Mail			
			FX	Facsimile			
			TE	Telephone			
			UR	Uniform Resource Locator (URL)			
	PER04	364	Communication N		X	AN 1/80	
				cations number including country or area			
			applicable				
	PER05	365	Communication N	umber Qualifier	X	ID 2/2	

			Code identify	ying the type of communication number		
			AU	Defense Switched Network		
				This code is to be used only with government.	hin the feder	ral
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
	PER06	364	Communica	tion Number	X	AN 1/80
			Complete con applicable	mmunications number including country	or area code	e when
Not Used	PER07	365	Communica	tion Number Qualifier	X	ID 2/2
Not Used	PER08	364	Communica	tion Number	X	AN 1/80
Not Used	PER09	443	Contact Ing	uirv Reference	0	AN 1/20

Segment: TCD Itemized Call Detail

Position: 590

Loop: TCD Optional

Level: Detail Usage: Optional

Max Use:

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:

- 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".

Data Element Summary

Ref.	Data								
Des.	Element	Name Attributes							
TCD01	350	Assigned Identification	O	AN 1/20					
		Alphanumeric characters assigned for differentiation within a	ı tranı	saction set					
TCD02	373	Date	O	DT 8/8					
		Date expressed as CCYYMMDD							
TCD03	337	Time	O	TM 4/8					
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)							
		Connect time of call.							
TCD04	309	Location Qualifier	X	ID 1/2					

Code identifying type of location

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.

		A.C.	City and State		
		AC	City and State		
		CC	Country		
		CI SP	City		
			State/Province		
TCD05	210	ZZ	Mutually Defined	w.	A NI 1/20
TCD05	310	Location Identif		X	AN 1/30
TCDA	156		tifies a specific location	0	ID 2/2
TCD06	156	State or Province		О	ID 2/2
TODAT	200	•	State/Province) as defined by appropriate	•	
TCD07	309	Location Qualif		X	ID 1/2
		Code identifying		. <i>TC</i> D	00 1
		Coae taennfying TCD09.	the type of ''FROM'' location provided	in ICD	os ana
			indicates any point of origination/termonts indicates any point of origination/termonts in the qualified by traditional geographic		
		be the name of a	gination/termination or service that this in aircraft, vessel, vehicle, or service who nated or the service was provided.	_	
		AC	City and State		
		CC	Country		
		CI	City		
		SP	State/Province		
		ZZ	Mutually Defined		
TCD08	310	Location Identif	fier	X	AN 1/30
		Code which iden	tifies a specific location		
TCD09	156	State or Province	ce Code	O	ID 2/2
		Code (Standard S	State/Province) as defined by appropriate	governn	
TCD10	739	Measurement V	alue	O	R 1/20
		The value of the			
		Duration of call	measured in minutes and tenths of min	utes.	
TCD11	739	Measurement V	alue	O	R 1/20
		The value of the			
		*	measured in seconds and tenths of seco	nds.	
TCD12	782	Monetary Amou	unt	O	R 1/18
		Monetary amoun			
		Undiscounted ar	nount.		
TCD13	782	Monetary Amou	unt	O	R 1/18
		Monetary amoun			
		Net amount afte	r a discount has been applied to the amo	ount in T	CD12.
TCD14	782	Monetary Amou	unt	O	R 1/18
		Monetary amoun	nt		
		Undiscounted ar	nount.		
TCD15	782	Monetary Amou	unt	О	R 1/18
		Monetary amoun	nt		
		Net amount afte	r a discount has been applied to the amo	ount in T	CD14.
				1	

TCD16	662	Relations	hip Code	O	ID 1/1		
		Code indic	ode indicating the relationship between entities				
		A	Add				
		D	Delete				
		I	Included				
		O	Information Only				

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:

- 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.
- 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.
- If either SI10 or SI11 is present, then the other is required.
 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:

Notes:

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

	Ref.	Data	v		
3.5	Des.	Element 7.50	Name		ributes
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI05	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI06	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI08	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI10	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e chai	racteristics
	SI11	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI12	1000	Service Characteristics Qualifier	X	AN 2/2

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

TXI Tax Information **Segment: Position:** Loop: **TCD** Optional Level: Detail Usage: Optional Max Use: **Purpose:** To specify tax information **Syntax Notes:** At least one of TXI02 TXI03 or TXI06 is required. 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. TXI03 is the tax percent expressed as a decimal. TXI07 is a code indicating the relationship of the price or amount to the associated segment. **Comments:** Notes: When submitting the 811 to any federal agency, use of the TXI segment is optional when HL03 is "9". **Data Element Summary** Ref. Data **Element Name Attributes** Des. M TXI01 963 Tax Type Code M ID 2/2 Code specifying the type of tax 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 Refer to 004010 Data Element Dictionary for acceptable code values. TXI02 782 X R 1/18 **Monetary Amount** Monetary amount 954 **TXI03** Percent X R 1/10 Percentage expressed as a decimal Tax rate for this jurisdiction. TXI04 955 Tax Jurisdiction Code Qualifier X ID 2/2 Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values. **TXI05** 956 **Tax Jurisdiction Code** X AN 1/10

Code identifying the taxing jurisdiction

TXI06	441	Tax Exempt Code	2	\mathbf{X}	ID 1/1
		Code identifying e	xemption status from sales and use tax		
		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
TXI07	662	Relationship Cod	e	O	ID 1/1
		Code indicating the	e relationship between entities		
		A	Add		
		D	Delete		
		I	Included		
		O	Information Only		
TXI08	828	Dollar Basis For l	Percent	O	R 1/9
		Dollar basis to be u	used in the percent calculation of the allow	ance.	, charge or
		tax			
TXI09	325	Tax Identification	n Number	O	AN 1/20
		Number assigned t	o a purchaser (buyer, orderer) by a taxing	jurisc	liction (state,
		county, etc.); often	called a tax exemption number or certific	ate nı	ımber
TXI10	350	Assigned Identific	cation	O	AN 1/20
		Alphanumeric char	racters assigned for differentiation within a	ı tran	saction set

ITA Allowance, Charge or Service **Segment: Position:** Loop: **TCD** Optional Level: Detail Usage: Optional Max Use: **Purpose:** To specify allowances, charges, or services **Syntax Notes:** If ITA08 is present, then ITA09 is required. If ITA15 is present, then ITA02 is required. 3 If ITA17 is present, then ITA12 is required. 4 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 5 If either ITA10 or ITA11 is present, then the other is required. **Semantic Notes:** ITA09 is the allowance or charge percent. 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:** If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 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. ITA13 is used to clarify the allowance, charge, or service. ITA15 specifies the individual code list of the agency specified in ITA02. ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated Notes: When submitting the 811 to any federal agency, use of the ITA segment is optional

Data Element Summary

when HL03 is "9".

	Ref.	Data		·		
M	Des.	Element 248	Name	ana Tardinakan		<u>ibutes</u>
M	ITA01	248	Allowance or Chai		M	ID 1/1
			Code which indicate	es an allowance or charge for the service s	pecif	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency Qualifier (Code	X	ID 2/2
			Code identifying the	e agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Services Co	ode	X	ID 2/10
			Code identifying the	e special service		
			See OBF Section 10	0.4 for a list of valid values.		
M	ITA04	331	Allowance or Char	ge Method of Handling Code	M	ID 2/2
			Code indicating me	thod of handling for an allowance or charg	ge	
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowance or Char	rge Number	0	AN 1/16
			The number assigned charge	ed by a vendor referencing an allowance, p	romo	otion, deal or
Not Used	ITA06	359	Allowance or Char	ge Rate	0	R 1/15
	ITA07	360	Allowance or Char	rge Total Amount	O	N2 1/15

		Total dollar amou	ant for the allowance or charge		
ITA08	378		ge Percent Qualifier	0	ID 1/1
111100	570		n what basis allowance or charge percent is		
		9	Late Payment Charge Base Amount	cuic	uiuica
ITA09	332	Percent	Late Tayment Charge Base Timount	X	R 1/6
111107	002	Percent expressed	as a percent	21	IX 1/0
ITA10	380	Quantity	a di percent	X	R 1/15
111110	200	Numeric value of	quantity	21	K 1/10
ITA11	355		Measurement Code	X	ID 2/2
11111			he units in which a value is being expressed		-
			nent has been taken	,	
		03	Seconds		
		12	Packet		
		1X	Quarter Mile		
		AD	Bytes		
		АН	Additional Minutes		
		AI	Average Minutes Per Call		
		AL	Access Lines		
		AN	Minutes or Messages		
		C0	Calls		
		DA	Days		
		DC	Disk (Disc)		
		DH	Miles		
		DK	Kilometers		
		DQ	Data Records		
		DY	Directory Books		
		EA	Each		
		EB	Electronic Mail Boxes		
		EV	Envelope		
		G7	Microfiche Sheet		
		H1	Half Pages - Electronic		
		HR	Hours		
		HT	Half Hour		
		KB	Kilocharacters		
		KF	Kilopackets		
		KJ	Kilosegments		
		M0	Magnetic Tapes		
		M4	Monetary Value		
		MJ MO	Minutes		
		MO MB	Motor		
		MR NE	Messages		
		NF NH	Messages		
		NH	Message Hours		
		NJ OT	Number of Screens Overtime Hours		
		P0	Pages - Electronic		
		P1	Percent		

			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service -	Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	ITA12	380	Quantity		X	R 1/15
	ITA13	352	Description		X	AN 1/80
			A free-form descr	ription to clarify the related data elements a	nd the	eir content
	ITA14	150	Special Charge of	or Allowance Code	X	ID 3/3
			Code identifying	type of special charge or allowance		
			See OBF Section	10.4 for a list of valid values.		
Not Used	ITA15	822	Source Subquali	fier	O	AN 1/15
	ITA16	662	Relationship Cod	de	O	ID 1/1
			Code indicating the	ne relationship between entities		
			A	Add		
			D	Delete		
			I	Included		
			O	Information Only		
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

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: Comments:

1 QTY04 is used when the quantity is non-numeric.

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

			Data Eleme	ent Summary
	Ref.	Data		
3.5	Des.	<u>Element</u>	Name	Attributes
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the	
			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
			91	Additional Usage Quantity
			92	Allotted Usage Quantity
			93	Attendant-Handled Quantity
			94	Billable Quantity
			95	Data Storage Quantity
			96	Non-Billable Quantity
			97	Non-Urgent Delivery Quantity
			98	Overflow Quantity
			99	Quantity Used
			AA	Unacknowledged Quantity
			AB	Urgent Delivery Quantity
			AC	Voice Storage Quantity
			AD	Maintenance Units
			AE	Minimum Average Time Requirement (MATR) Units
			AF	Wide Area Telephone Service (WATS)/800 Service Units
			AG	Number of End Users
			AH	Number of Message Recipients
			AI	Number of Operator Credits
			AJ	Daily Adjustments
			D1	Billed

			M2	Maximum		
			NS	Number of Stations		
			QD	Quantity Delivered		
			TO	Total		
Must Use	QTY02	380	Quantity		X	R 1/15
			Numeric value of q	uantity		
	QTY03	C001	Composite Unit of	f Measure	O	
				osite unit of measure (See Figures Appe	ndix	for examples
М	C00101	355	of use)	Measurement Code	N	ID 2/2
M	COUTUI	333		weasurement Code e units in which a value is being expresse		
			which a measurement		u, or r	manner m
			03	Seconds		
			12	Packet		
			1X	Quarter Mile		
			4L	Megabyte		
			AD	Bytes		
			AH	Additional Minutes		
			AI	Average Minutes Per Call		
			AL	Access Lines		
			AN	Minutes or Messages		
			C0	Calls		
			DA	Days		
			DC	Disk (Disc)		
			DH	Miles		
			DK	Kilometers		
			DQ	Data Records		
			DY	Directory Books		
			EA EB	Each Electronic Mail Boxes		
			EV EV	Envelope		
			F3	Equivalent		
			G7	Microfiche Sheet		
			H1	Half Pages - Electronic		
			HR	Hours		
			НТ	Half Hour		
			KB	Kilocharacters		
			KF	Kilopackets		
			KJ	Kilosegments		
			M0	Magnetic Tapes		
			M4	Monetary Value		
			MJ	Minutes		
			MO	Months		
			MR	Meter		
			NF	Messages		
			NH	Message Hours		
			NJ	Number of Screens		

			OT	Overtime Hours		
			P0	Pages - Electronic		
			P1	Percent		
			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service	- Aver	rage
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	C00102	1018	Exponent		O	R 1/15
Not Used	C00103	649	Multiplier		O	R 1/10
Not Used	C00104	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent		O	R 1/15
Not Used	C00106	649	Multiplier		O	R 1/10
Not Used	C00107	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent		O	R 1/15
Not Used	C00109	649	Multiplier		O	R 1/10
Not Used	C00110	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent		O	R 1/15
Not Used	C00112	649	Multiplier		O	R 1/10
Not Used	C00113	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent		O	R 1/15
Not Used	C00115	649	Multiplier		O	R 1/10
Not Used	QTY04	61	Free-Form Mes	sage	X	AN 1/30

Segment: SI Service Characteristic Identification

Position: 618

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify service characteristic data

Syntax Notes:

- 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.
- ${f 3}$ 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.
- If either SI14 or SI15 is present, then the other is required.
 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.
- 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:

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.

	Ref.	Data	2 404 2.0		
	Des.	Element	<u>Name</u>		<u>ributes</u>
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
M	SI03	234	Product/Service ID	\mathbf{M}	AN 1/48
			Identifying number for a product or service		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	char	acteristics
	SI05	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI06	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	SI08	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI10	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service	e char	racteristics
	SI11	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI12	1000	Service Characteristics Qualifier	X	AN 2/2

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

USD Usage-Sensitive Detail **Segment: Position:** Loop: **USD** Optional Level: Detail Usage: Optional Max Use: **Purpose:** To specify usage-sensitive details which qualify for discounts or are subject to special rates 1 **Syntax Notes:** Only one of USD03 or USD04 may be present. 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. 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. USD09 is the total amount of terms discount. **Comments:** 1 If both USD03 and USD08 are present, then USD08 takes precedence. If USD11 is present and USD12 is not present, then the range is open ended. If USD12 is present and USD11 is not present, then the minimum is zero. **Notes:** 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".

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
M	USD01	662	Relationship	Code	M	ID 1/1
			Code indicating	ng the relationship between entities		
			A	Add		
			D	Delete		
			I	Included		
			O	Information Only		
	USD02	350	Assigned Ide	ntification	O	AN 1/20
			Alphanumeric	characters assigned for differentiation	on within a tran	saction set
	USD03	118	Rate		X	R 1/9
			Rate expresses specified	d in the standard monetary denomina	tion for the cur	rency
			If both USD0	3 and USD08 are present, then USD	008 takes prece	dence.
	USD04	954	Percent		X	R 1/10
			Percentage ex	pressed as a decimal		
			Discount Pero	centage.		
	USD05	C001	Composite U	nit of Measure	X	

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

of use)

T 1	C 1, 1, 1		
Har ovamnles a	at campasito data olomoi	nts, see Figures Appendix in X12	
1 or examples c	<i>η</i> τοπιροδίες ααία είτπει	ius, see i iguies rippenuix in 2112	
~			
Standards.			

M	C00101	355	Unit or Basis for Measurement Code	M ID Z	12

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

03	Seconds
12	Packet
1X	Quarter Mile
AD	Bytes
AH	Additional Minutes
AL	Access Lines
C0	Calls
DA	Days
DC	Disk (Disc)
DH	Miles
DK	Kilometers
DQ	Data Records
DY	Directory Books
EA	Each
EB	Electronic Mail Boxes
EV	Envelope
G7	Microfiche Sheet
H1	Half Pages - Electronic
HR	Hours
HT	Half Hour
KB	Kilocharacters
KF	Kilopackets
KJ	Kilosegments
M0	Magnetic Tapes
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages
NH	Message Hours
NJ	Number of Screens
OT	Overtime Hours
P0	Pages - Electronic
P1	Percent
QA	Pages - Facsimile
QB	Pages - Hardcopy
QH	Quarter Hours
RS	Resets
S6	Sessions
S7	Storage Units
SG	Segment

			T0	Telecommunications Lines in Se	rvice	
			UB	Telecommunications Lines in Se		age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications l	Line - Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	C00102	1018	Exponent		0	R 1/15
Not Used	C00103	649	Multiplier		0	R 1/10
Not Used	C00104	355	Unit or Basis fo	or Measurement Code	0	ID 2/2
Not Used	C00105	1018	Exponent		0	R 1/15
Not Used	C00106	649	Multiplier		O	R 1/10
Not Used	C00107	355	Unit or Basis fo	or Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent		O	R 1/15
Not Used	C00109	649	Multiplier		O	R 1/10
Not Used	C00110	355	Unit or Basis fo	or Measurement Code	0	ID 2/2
Not Used	C00111	1018	Exponent		O	R 1/15
Not Used	C00112	649	Multiplier		0	R 1/10
Not Used	C00113	355		or Measurement Code	0	ID 2/2
Not Used	C00114	1018	Exponent		O	R 1/15
Not Used	C00115	649	Multiplier		0	R 1/10
	USD06	380	Quantity		X	R 1/15
			Numeric value	of quantity		
	USD07	380	Quantity		X	R 1/15
			Numeric value			77.0 4
			I. A quantity of	susage different from the quantity of	usage in US	5D06.
			2. When USD0	7 is present, it is used in conjunction	with USD00	and then
			the rate in USD			
	USD08	782	Monetary Amo	ount	X	R 1/18
			Monetary amou	nt		
	USD09	610	Amount		X	N2 1/15
			Monetary amou			
	USD10	C001	Composite Uni		X	
			•	imposite unit of measure (See Figures	s Appendix	for examples
			of use)	f composite data elements, see Figure	s Annondiv	in X12
			Standards.	j composue ada ciemenis, see Figure	з Аррении	m A12
M	C00101	355	Unit or Basis fo	or Measurement Code	M	ID 2/2
			Code specifying	g the units in which a value is being ex	pressed, or	manner in
				ement has been taken		
NI 4 TI 1	C00103	1010	See USD05 for	code list.	0	D 1/15
Not Used	C00102	1018	Exponent		0	R 1/15
Not Used	C00103	649 355	Multiplier	an Maagunamant Cada	0	R 1/10
Not Used	C00104	355		or Measurement Code	0	ID 2/2
Not Used	C00105	1018	Exponent		0	R 1/15
Not Used	C00106	649	Multiplier		O	R 1/10

Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00108	1018	Exponent	O	R 1/15		
Not Used	C00109	649	Multiplier	0	R 1/10		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2		
Not Used	C00111	1018	Exponent	0	R 1/15		
Not Used	C00112	649	Multiplier	0	R 1/10		
Not Used	C00113	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00114	1018	Exponent	0	R 1/15		
Not Used	C00115	649	Multiplier	0	R 1/10		
	USD11	740	Range Minimum	X	R 1/20		
			The value specifying the minimum of the measurement range				
			If USD11 is present and USD12 is not present, then the rang	ge is	open-ended.		
	USD12	741	Range Maximum	X	R 1/20		
			The value specifying the maximum of the measurement range				
			If USD12 is present and USD11 is not present, the minimum	ı is z	ero.		

 ${f SI}$ Service Characteristic Identification **Segment:**

Position: 625

> Loop: **USD** Optional

Level: Detail Usage: **Optional**

Max Use:

Purpose: To specify service characteristic data

Syntax Notes:

- If either SI04 or SI05 is present, then the other is required.
- 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.
- If either SI14 or SI15 is present, then the other is required.
- If either SI16 or SI17 is present, then the other is required. If either SI18 or SI19 is present, then the other is required.
- If either SI20 or SI21 is present, then the other is required.

Semantic Notes: Comments:

SI01 defines the source for each of the service characteristics qualifiers.

Notes:

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

			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>	_	<u>ributes</u>
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			Refer to 004010 Data Element Dictionary for acceptable cod	e valı	ies.
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service	char	acteristics
M	SI03	234	Product/Service ID	\mathbf{M}	AN 1/48
			Identifying number for a product or service		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e char	acteristics
	SI05	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI06	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e char	acteristics
	SI07	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI08	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e char	acteristics
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48
			Identifying number for a product or service		
	SI10	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
			Code from an industry code list qualifying the type of service ch		acteristics
	SI11	234	4 Product/Service ID X		AN 1/48
			Identifying number for a product or service		
	SI12	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service	e char	acteristics
	SI13	234	Product/Service ID	\mathbf{X}	AN 1/48

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

ITA Allowance, Charge or Service **Segment: Position:** Loop: **USD** Optional Level: Detail Usage: Optional Max Use: **Purpose:** To specify allowances, charges, or services **Syntax Notes:** If ITA08 is present, then ITA09 is required. If ITA15 is present, then ITA02 is required. 3 If ITA17 is present, then ITA12 is required. 4 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 5 If either ITA10 or ITA11 is present, then the other is required. **Semantic Notes:** ITA09 is the allowance or charge percent. 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:** If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 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. ITA13 is used to clarify the allowance, charge, or service. ITA15 specifies the individual code list of the agency specified in ITA02. ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated Notes: When submitting the 811 to any federal agency, use of the ITA segment is optional

Data Element Summary

when HL03 is "9".

				Jata Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		Attı	<u>ributes</u>
M	ITA01	248	Allowan	ce or Charge Indicator	M	ID 1/1
			Code wh	ich indicates an allowance or charge for the service s	speci	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency	Qualifier Code	X	ID 2/2
			Code ide	ntifying the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special S	Services Code	X	ID 2/10
			Code ide	ntifying the special service		
			See OBF	Section 10.4 for a list of valid values.		
M	ITA04	331	Allowan	ce or Charge Method of Handling Code	M	ID 2/2
			Code ind	icating method of handling for an allowance or char	ge	
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowan	ce or Charge Number	O	AN 1/16
			The num	ber assigned by a vendor referencing an allowance, p	prom	otion, deal or
Not Used	ITA06	359	Allowan	ce or Charge Rate	O	R 1/15
	ITA07	360	Allowan	ce or Charge Total Amount	0	N2 1/15

		Total dollar amo	unt for the allowance or charge		
ITA08	378	Allowance/Char	rge Percent Qualifier	O	ID 1/1
		Code indicating	on what basis allowance or charge percent i	s calc	ulated
		9	Late Payment Charge Base Amount		
ITA09	332	Percent		X	R 1/6
		Percent expresse	d as a percent		
ITA10	380	Quantity		X	R 1/15
		Numeric value o	f quantity		
ITA11	355	Unit or Basis fo	r Measurement Code	X	ID 2/2
			the units in which a value is being expresse	d, or r	manner in
			ment has been taken Seconds		
		03 12	Packet		
		12 1X			
		AD	Quarter Mile		
			Bytes		
		AH	Additional Minutes		
		AI	Average Minutes Per Call		
		AL	Access Lines		
		AN	Minutes or Messages		
		C0	Calls		
		DA	Days		
		DC	Disk (Disc)		
		DH	Miles		
		DK	Kilometers		
		DQ	Data Records		
		DY	Directory Books		
		EA	Each		
		EB	Electronic Mail Boxes		
		EV	Envelope		
		G7	Microfiche Sheet		
		H1	Half Pages - Electronic		
		HR	Hours		
		HT	Half Hour		
		KB	Kilocharacters		
		KF	Kilopackets		
		KJ	Kilosegments		
		M 0	Magnetic Tapes		
		M4	Monetary Value		
		MJ	Minutes		
		MO	Months		
		MR	Meter		
		NF	Messages		
		NH	Message Hours		
		NJ	Number of Screens		
		OT	Overtime Hours		
		P0	Pages - Electronic		
		P1	Percent		

			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service -	Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line - A	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	ITA12	380	Quantity		X	R 1/15
	ITA13	352	Description		X	AN 1/80
			A free-form descr	iption to clarify the related data elements a	nd th	eir content
	ITA14	150	Special Charge o	r Allowance Code	X	ID 3/3
			Code identifying	type of special charge or allowance		
			See OBF Section	10.4 for a list of valid values.		
Not Used	ITA15	822	Source Subquali	fier	O	AN 1/15
	ITA16	662	Relationship Cod	le	O	ID 1/1
			Code indicating the	ne relationship between entities		
			A	Add		
			D	Delete		
			I	Included		
			O	Information Only		
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

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: When submitting the 811 to any federal agency, use of the TRF segment is optional when HL03 is ''9''.

Data Element Summary

Code specifying the type of quantity

Code specifying the rating basis (e.g., acknowledged calls, minimum period, etc.) for the segment.

v	ic.) joi inc segmen	<i>t</i> .
	01	Discrete Quantity
	02	Cumulative Quantity
	27	Committed Quantity
	38	Original Quantity
	47	Primary Net Quantity
	90	Acknowledged Quantity
	91	Additional Usage Quantity
	92	Allotted Usage Quantity
	93	Attendant-Handled Quantity
	94	Billable Quantity
	95	Data Storage Quantity
	96	Non-Billable Quantity
	97	Non-Urgent Delivery Quantity
	98	Overflow Quantity
	99	Quantity Used
	AA	Unacknowledged Quantity
	AB	Urgent Delivery Quantity
	AC	Voice Storage Quantity
	AD	Maintenance Units
	AE	Minimum Average Time Requirement (MATR) Units
	AF	Wide Area Telephone Service (WATS)/800 Service Units
	AG	Number of End Users
	AH	Number of Message Recipients
	AI	Number of Operator Credits
	AJ	Daily Adjustments
	NS	Number of Stations

M	TRF02	C001	Composite Unit of Measure		M		
			To identify a composite unit of measure (See Figures Appendicular)	for examples			
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2		
			Code specifying the units in which a value is being expressed	l, or 1	or manner in		
			which a measurement has been taken				
			Equivalent units per standard unit.				
			Refer to 004010 Data Element Dictionary for acceptable cod				
Not Used	C00102	1018	Exponent	0	R 1/15		
Not Used	C00103	649	Multiplier	0	R 1/10		
Not Used	C00104	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00105	1018	Exponent	0	R 1/15		
Not Used	C00106	649	Multiplier	0	R 1/10		
Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00108	1018	Exponent	0	R 1/15		
Not Used	C00109	649	Multiplier	0	R 1/10		
Not Used	C00110	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00111	1018	Exponent	0	R 1/15		
Not Used	C00112	649	Multiplier	0	R 1/10		
Not Used	C00113	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00114	1018	Exponent	0	R 1/15		
Not Used	C00115	649	Multiplier	0	R 1/10		
M	TRF03	380	Quantity	M	R 1/15		
			Numeric value of quantity				
3.6	TDE04	G001	Standard unit.				
M	TRF04	C001	Composite Unit of Measure	M	c 1		
			To identify a composite unit of measure (See Figures Appel of use)	ndix i	for examples		
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2		
			Code specifying the units in which a value is being expressed	l, or 1	manner in		
			which a measurement has been taken Equivalent units per standard unit.				
			Refer to 004010 Data Element Dictionary for acceptable cod	a wali	100		
Not Used	C00102	1018	Exponent		R 1/15		
Not Used	C00102	649	Multiplier	0	R 1/10		
Not Used	C00103	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00104	1018	Exponent	0	R 1/15		
Not Used	C00106	649	Multiplier	0	R 1/10		
Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00107	1018	Exponent	0	R 1/15		
Not Used	C00109	649	Multiplier	0	R 1/10		
Not Used	C00109	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00110	1018	Exponent Exponent	0	R 1/15		
Not Used	C00111	649	Multiplier	0	R 1/10		
Not Used	C00112	355	Unit or Basis for Measurement Code	0	ID 2/2		
Not Used	C00113	1018	Exponent Exponent	0	R 1/15		
Not Used	C00114	649	Multiplier	0	R 1/10		
M	TRF05	380	Quantity	M	R 1/15		
			~·····································				

Numeric value of quantity

Standard unit.

Segment: QTY Quantity

Position: 650

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

Notes:

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: Comments:

1 QTY04 is used when the quantity is non-numeric.

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

	Data Element Summary								
	Ref.	Data							
3.6	Des.	<u>Element</u>	Name	Attributes					
M	QTY01	673	Quantity Qualifier	M ID 2/2					
			Code specifying the						
			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					
			91	Additional Usage Quantity					
			92	Allotted Usage Quantity					
			93	Attendant-Handled Quantity					
			94	Billable Quantity					
			95	Data Storage Quantity					
			96	Non-Billable Quantity					
			97	Non-Urgent Delivery Quantity					
			98	Overflow Quantity					
			99	Quantity Used					
			AA	Unacknowledged Quantity					
			AB	Urgent Delivery Quantity					
			AC	Voice Storage Quantity					
			AD	Maintenance Units					
			AE	Minimum Average Time Requirement (MATR) Units					
			AF	Wide Area Telephone Service (WATS)/800 Service Units					
			AG	Number of End Users					
			AH	Number of Message Recipients					
			AI	Number of Operator Credits					
			AJ	Daily Adjustments					
			D1	Billed					

			M2	Maximum		
			NS	Number of Stations		
			QD	Quantity Delivered		
			TO	Total		
Must Use	QTY02	380	Quantity		X	R 1/15
			Numeric value of q	uantity		
	QTY03	C001	Composite Unit of	Measure	O	
				osite unit of measure (See Figures Appe	ndix	for examples
М	C00101	355	of use)	Measurement Code	N	ID 2/2
M	COUTUI	333		e units in which a value is being expressed		
			which a measureme		u, or r	namer m
			03	Seconds		
			12	Packet		
			1X	Quarter Mile		
			4L	Megabyte		
			AD	Bytes		
			AH	Additional Minutes		
			AI	Average Minutes Per Call		
			AL	Access Lines		
			AN	Minutes or Messages		
			C0	Calls		
			DA	Days		
			DC	Disk (Disc)		
			DH	Miles		
			DK	Kilometers		
			DQ	Data Records		
			DY	Directory Books		
			EA EB	Each Electronic Mail Boxes		
			EV	Envelope		
			F3	Equivalent		
			G7	Microfiche Sheet		
			H1	Half Pages - Electronic		
			HR	Hours		
			HT	Half Hour		
			KB	Kilocharacters		
			KF	Kilopackets		
			KJ	Kilosegments		
			M 0	Magnetic Tapes		
			M4	Monetary Value		
			MJ	Minutes		
			MO	Months		
			MR	Meter		
			NF	Messages		
			NH	Message Hours		
			NJ	Number of Screens		

			OT	Overtime Hours		
			P0	Pages - Electronic		
			P1	Percent		
			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service	- Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	C00102	1018	Exponent		O	R 1/15
Not Used	C00103	649	Multiplier		O	R 1/10
Not Used	C00104	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent		O	R 1/15
Not Used	C00106	649	Multiplier		O	R 1/10
Not Used	C00107	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent		O	R 1/15
Not Used	C00109	649	Multiplier		O	R 1/10
Not Used	C00110	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent		O	R 1/15
Not Used	C00112	649	Multiplier		O	R 1/10
Not Used	C00113	355	Unit or Basis for	r Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent		O	R 1/15
Not Used	C00115	649	Multiplier		O	R 1/10
Not Used	QTY04	61	Free-Form Mes	sage	X	AN 1/30

Segment: SI Service Characteristic Identification

Position: 660

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify service characteristic data

Syntax Notes:

- If either SI04 or SI05 is present, then the other is required.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:

Notes:

- SI01 defines the source for each of the service characteristics qualifiers.
- 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.

	<u>ites</u> O 2/2
	O 2/2
Code identifying the agency assigning the code values	
TI Telecommunications Industry	
M SI02 1000 Service Characteristics Qualifier M A	N 2/2
Code from an industry code list qualifying the type of service character	eristics
M SI03 234 Product/Service ID M A	N 1/48
Identifying number for a product or service	
SI04 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service character	eristics
SI05 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI06 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service characters	eristics
SI07 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI08 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service characters.	eristics
SI09 234 Product/Service ID X A	N 1/48
Identifying number for a product or service	
SI10 1000 Service Characteristics Qualifier X A	N 2/2
Code from an industry code list qualifying the type of service characters.	eristics
	N 1/48
Identifying number for a product or service	
·	N 2/2

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

Segment: TDS Total Monetary Value Summary

Position: 010

Loop:

Level: Summary Usage: Mandatory

Max Use:

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.

M	Ref. <u>Des.</u> TDS01	Data Element 610	Name Amount	Attributes M N2 1/15
			Monetary amount	
			The TDS segment (TDS01) contains the segment the detail for the invoice. It does not contain the summary level.	•
Not Used	TDS02	610	Amount	O N2 1/15
Not Used	TDS03	610	Amount	O N2 1/15
Not Used	TDS04	610	Amount	O N2 1/15

Segment: ITA Allowance, Charge or Service

Position: 020

Loop: ITA Optional

Level: Summary
Usage: Optional

Max Use:

Purpose: To specify allowances, charges, or servicesSyntax Notes: 1 If ITA08 is present, then ITA09 is required.

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

	Ref.	Data				
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	ITA01	248	Allowance or C	Charge Indicator	M	ID 1/1
			Code which indi	icates an allowance or charge for the service	speci	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency Qualifi	er Code	X	ID 2/2
			Code identifying	g the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Service	s Code	X	ID 2/10
			Code identifying	g the special service		
			See OBF Section	n 10.4 for a list of valid values.		
M	ITA04	331	Allowance or C	Charge Method of Handling Code	M	ID 2/2
			Code indicating	method of handling for an allowance or char	ge	
			03	Vendor Check to Customer		
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowance or C	Charge Number	O	AN 1/16
			The number assi charge	igned by a vendor referencing an allowance,	prom	otion, deal or
Not Used	ITA06	359	Allowance or C	Charge Rate	O	R 1/15
	ITA07	360	Allowance or C	Charge Total Amount	0	N2 1/15

Total dollar amount for the allowance or charge 378 ITA08 Allowance/Charge Percent Qualifier O ID 1/1 Code indicating on what basis allowance or charge percent is calculated Late Payment Charge Base Amount **ITA09** 332 **Percent** X R 1/6 Percent expressed as a percent **ITA10** 380 Quantity X R 1/15 Numeric value of quantity **ITA11** 355 **Unit or Basis for Measurement Code** X ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 03 Seconds 12 Packet 1X Quarter Mile AD **Bytes** AΗ **Additional Minutes** ΑI Average Minutes Per Call ΑL Access Lines AN Minutes or Messages C0 Calls DA Days DC Disk (Disc) DH Miles DK Kilometers DO Data Records DY **Directory Books** EA Each EB Electronic Mail Boxes EV Envelope Microfiche Sheet G7 H1 Half Pages - Electronic HR Hours HT Half Hour KB Kilocharacters KF Kilopackets KJ Kilosegments Magnetic Tapes M0M4 Monetary Value MJ Minutes MO Months MR Meter NF Messages NH Message Hours NJ Number of Screens OT Overtime Hours P0 Pages - Electronic P1 Percent

			QA	Pages - Facsimile		
			QB	Pages - Hardcopy		
			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service -	Aver	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line - A	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	ITA12	380	Quantity		\mathbf{X}	R 1/15
	ITA13	352	Description		X	AN 1/80
			A free-form descr	iption to clarify the related data elements a	nd th	eir content
	ITA14	150	Special Charge of	r Allowance Code	X	ID 3/3
			Code identifying	type of special charge or allowance		
			See OBF Section	10.4 for a list of valid values.		
Not Used	ITA15	822	Source Subquali	fier	O	AN 1/15
	ITA16	662	Relationship Cod	le	O	ID 1/1
			Code indicating the	ne relationship between entities		
			A	Add		
			D	Delete		
			I	Included		
			O	Information Only		
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

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 If DTM04 is present, then DTM03 is required.

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

Semantic Notes: Comments:

	Ref. Des.	Data Element	Name		Attı	ributes
M	$\overline{DTM01}$	374		e Qualifier	M	ID 3/3
			Code spec	ifying type of date or time, or both date and time		
			007	Effective		
			009	Process		
			050	Received		
	DTM02	373	Date		X	DT 8/8
			Date expre	essed as CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8
Not Used	DTM04	623	Time Cod	e	O	ID 2/2
Not Used	DTM05	1250	Date Time	e Period Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time	e Period	X	AN 1/35

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

Semantic Notes: Comments:

	Ref.	Data			
	Des.	Element	<u>Name</u>	Attr	<u>ributes</u>
M	REF01	128	Reference Identification Qualifier	\mathbf{M}	ID 2/3
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code	e valu	ies.
	REF02	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set o	or as
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements ar	nd the	eir content
	REF04	C040	Reference Identifier	O	
			To identify one or more reference numbers or identification r specified by the Reference Qualifier	umb	ers as
M	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			ACB Region		
M	C04002	127	Reference Identification	\mathbf{M}	AN 1/30
			Reference information as defined for a particular Transaction	Set o	or as
			specified by the Reference Identification Qualifier		
	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
			ACB Region		
	C04004	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transaction	Set o	or as
			specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Identification	X	AN 1/30

BAL Balance Detail **Segment:**

040 **Position:**

Loop: BAL Optional

Level: Summary Optional Usage: Max Use:

Purpose: To identify the specific monetary balances associated with a particular account

Syntax Notes: Semantic Notes: Comments:

	Ref.	Data	Dutu Liem	one Summary		
	Des.	Element	Name		A ttı	ributes
M	BAL01	951	Balance Type Code	2	M	ID 1/2
			Code indicating the			
			A	Adjustment		
			M	Current Month		
			P	Previous Month		
M	BAL02	522	Amount Qualifier	Code	\mathbf{M}	ID 1/3
			Code to qualify amo	ount		
			5	Total Invoice Amount		
			8	Total Monetary Discount Amount		
			BT	Bank Reject Total		
			C4	Prior Payment - Actual		
			NA	Net Adjustment		
			NS	Net Savings Amount		
			PB	Billed Amount		
			SC	Total Service Charge		
			TP	Total payment amount		
			TT	Total Transaction Amount		
M	BAL03	782	Monetary Amount		M	R 1/18
			Monetary amount			

DTM Date/Time Reference **Segment:**

Position:

Loop: BAL Optional

Level: Summary Usage: Optional Max Use:

To specify pertinent dates and times **Purpose:**

Syntax Notes: If DTM04 is present, then DTM03 is required.

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

At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes: Comments:

	Ref.	Data	•	•		47
M	<u>Des.</u> DTM01	Element 374	<u>Name</u> Date/Time Qualifi	er		ributes ID 3/3
141	DIMIOI	314	_	pe of date or time, or both date and time	141	11 3/3
			007	Effective		
			009	Process		
			050	Received		
			193	Period Start		
			194	Period End		
			197	End		
			201	Acceptance		
			306	Adjustment Effective Date		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date	Tayment Effective	X	DT 8/8
	D 1 N102	313	Date expressed as (CCVVMMDD	А	D1 0/0
Not Used	DTM03	337	Time	CCTTMINIDD	X	TM 4/8
			Time Code			
Not Used Not Used	DTM04 DTM05	623 1250		Format Qualifier	O X	ID 2/2 ID 2/3
			Date Time Period	rormat Quaimer		
Not Used	DTM06	1251	Date Time Period		\mathbf{X}	AN 1/35

N1 Name **Segment:**

Position:

Loop: N1Optional

Level: Summary Usage: Optional Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes: Comments:

This segment, used alone, provides the most efficient method of providing 1 organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

N105 and N106 further define the type of entity in N101.

			Data Ele	ment Summary		
	Ref. Des.	Data Element	Name		Δttı	<u>ributes</u>
M	N101	98	Entity Identifier	Code	M	ID 2/3
			•	an organizational entity, a physical location	ı, proj	perty or an
			individual			. •
			87	Pay-to Provider		
			AAA	Sub-account		
			BY	Buying Party (Purchaser)		
			L1	Inspection Location		
			PE	Payee		
			PO	Party to Receive Invoice for Goods or S	Servic	es
			PR	Payer		
			SF	Ship From		
			SJ	Service Provider		
			ST	Ship To		
			SV	Service Performance Site		
			Z 7	Mark-for Party		
				May be used when submitting a Fast I FAR 52.213-1.	ay In	voice, per
	N102	93	Name		X	AN 1/60
			Free-form name			
	N103	66	Identification Co	ode Qualifier	X	ID 1/2
			Code designating Code (67)	the system/method of code structure used i	or Ide	entification
			41	Telecommunications Carrier Identificat	ion C	ode
			42	Telecommunications Pseudo Carrier Id	entific	cation Code
			91	Assigned by Seller or Seller's Agent		
	N104	67	Identification Co	ode	\mathbf{X}	AN 2/80
			Code identifying	a party or other code		
				use CIC code list maintained by Lockheed do-CIC list provided in OBF Section 10.4.	Marti	in. If N103
Not Used	N105	706	Entity Relations	•	О	ID 2/2
Not Used	N106	98	Entity Identifier	Code	0	ID 2/3

BAL Balance Detail **Segment:**

070 **Position:**

Loop: BAL Optional

Level: Summary Optional **Usage:** Max Use:

Purpose: To identify the specific monetary balances associated with a particular account

Syntax Notes: Semantic Notes: Comments:

M	Ref. <u>Des.</u> BAL01	Data Element 951	<u>Name</u> Balance Type Code	2	Attı M	ributes ID 1/2
			Code indicating the	type of balance		
			A	Adjustment		
			M	Current Month		
			P	Previous Month		
M	BAL02	522	Amount Qualifier	Code	\mathbf{M}	ID 1/3
			Code to qualify amo	unt		
			AD	Adjusted Total		
M	BAL03	782	Monetary Amount		M	R 1/18
			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 If DTM04 is present, then DTM03 is required.

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

3 At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes: Comments:

	Ref.	Data				
	Des.	Element	Name		_	ributes
M	DTM01	374	Date/Time Qualific		M	ID 3/3
				be 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		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date		\mathbf{X}	DT 8/8
			Date expressed as C	CCYYMMDD		
Not Used	DTM03	337	Time		\mathbf{X}	TM 4/8
Not Used	DTM04	623	Time Code		O	ID 2/2
Not Used	DTM05	1250	Date Time Period	Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period		X	AN 1/35

Segment: ITA Allowance, Charge or Service

Position: 090

Loop: ITA Optional

Level: Summary
Usage: Optional

Max Use:

Purpose: To specify allowances, charges, or servicesSyntax Notes: 1 If ITA08 is present, then ITA09 is required

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

	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attı</u>	<u>ributes</u>
M	ITA01	248	Allowance or C	harge Indicator	M	ID 1/1
			Code which indi	cates an allowance or charge for the service	speci	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency Qualific	Agency Qualifier Code		ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Services Code			ID 2/10
			Code identifying	g the special service		
			See OBF Section	n 10.4 for a list of valid values.		
M	ITA04	331	Allowance or C	harge Method of Handling Code	M	ID 2/2
			Code indicating	method of handling for an allowance or char	ge	
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowance or C	harge Number	O	AN 1/16
			The number assi	gned by a vendor referencing an allowance,	orom	otion, deal or
			charge		_	
	ITA06	359	Allowance or C	_	O	R 1/15
				narge Rate per Unit		
	ITA07	360	Allowance or C	harge Total Amount	O	N2 1/15

			Total dollar amount	t for the allowance or charge		
Not Used	ITA08	378	Allowance/Charge	_	0	ID 1/1
1,00 0,00	ITA09	332	Percent		X	R 1/6
		002	Percent expressed a	as a percent		21 2/ 0
	ITA10	380	Quantity	as a personal	X	R 1/15
			Numeric value of q	uantity		11 1/10
	ITA11	355		Aeasurement Code	X	ID 2/2
				e units in which a value is being expressed		
			which a measureme		,	
			03	Seconds		
			12	Packet		
			1X	Quarter Mile		
			AD	Bytes		
			AH	Additional Minutes		
			AI	Average Minutes Per Call		
			AL	Access Lines		
			AN	Minutes or Messages		
			C0	Calls		
			DA	Days		
			DC	Disk (Disc)		
			DH	Miles		
			DK	Kilometers		
			DQ	Data Records		
			DY	Directory Books		
			EA	Each		
			EB	Electronic Mail Boxes		
			EV	Envelope		
			G7	Microfiche Sheet		
			H1	Half Pages - Electronic		
			HR	Hours		
			HT	Half Hour		
			KB	Kilocharacters		
			KF	Kilopackets		
			KJ	Kilosegments		
			M0	Magnetic Tapes		
			M4	Monetary Value		
			MJ	Minutes		
			MO	Months		
			MR	Meter		
			NF	Messages		
			NH	Message Hours		
			NJ OT	Number of Screens		
			OT	Overtime Hours		
			P0	Pages - Electronic		
			P1	Percent Pages Feesimile		
			QA OB	Pages - Facsimile		
			QB	Pages - Hardcopy		

			QH	Quarter Hours		
			RS	Resets		
			S6	Sessions		
			S7	Storage Units		
			SG	Segment		
			T0	Telecommunications Lines in Service		
			UB	Telecommunications Lines in Service	- Aveı	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ige
			UN	Unit		
			ZZ	Mutually Defined		
Not Used	ITA12	380	Quantity		X	R 1/15
	ITA13	352	Description		X	AN 1/80
			A free-form descr	ription to clarify the related data elements a	and th	eir content
	ITA14	150	Special Charge of	or Allowance Code	X	ID 3/3
			Code identifying	type of special charge or allowance		
			See OBF Section	10.4 for a list of valid values.		
Not Used	ITA15	822	Source Subquali	fier	O	AN 1/15
	ITA16	662	Relationship Co	de	O	ID 1/1
			Code indicating the	he relationship between entities		
			O	Information Only		
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

DTM Date/Time Reference **Segment:**

Position:

Loop: ITA Optional

Level: Summary Usage: Optional Max Use:

To specify pertinent dates and times **Purpose:**

Syntax Notes: If DTM04 is present, then DTM03 is required.

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

Semantic Notes: Comments:

	Ref.	Data		,		
	Des.	Element	<u>Name</u>			<u>ributes</u>
M	DTM01	374		e Qualifier	M	ID 3/3
			Code spec	cifying 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		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date		X	DT 8/8
			Date expr	essed as CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8
Not Used	DTM04	623	Time Coo	de	O	ID 2/2
Not Used	DTM05	1250	Date Tim	e Period Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Tim	e Period	X	AN 1/35

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.
- If either SI12 or SI13 is present, then the other is required. If either SI14 or SI15 is present, then the other is required.
- 7 If either S114 or S117 is present, then the other is required.
- 8 If either S118 or S119 is present, then the other is required.
- 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.	Data					
	Des.	Element	<u>Name</u>	<u>Attı</u>	<u>ributes</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2		
			Code identifying the agency assigning the code values				
			TI Telecommunications Industry				
M	SI02	1000	Service Characteristics Qualifier	\mathbf{M}	AN 2/2		
			Code from an industry code list qualifying the type of service	char	acteristics		
M	SI03	234	Product/Service ID	\mathbf{M}	AN 1/48		
			Identifying number for a product or service				
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2		
			Code from an industry code list qualifying the type of service	char	acteristics		
	SI05	234	Product/Service ID	X	AN 1/48		
			Identifying number for a product or service				
	SI06	1000	Service Characteristics Qualifier	X	AN 2/2		
			Code from an industry code list qualifying the type of service	e char	acteristics		
	SI07	234	Product/Service ID	\mathbf{X}	AN 1/48		
			Identifying number for a product or service				
	SI08	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2		
			Code from an industry code list qualifying the type of service	e char	acteristics		
	SI09	234	Product/Service ID	\mathbf{X}	AN 1/48		
			Identifying number for a product or service				
	SI10	1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2		
			Code from an industry code list qualifying the type of service	char	acteristics		
	SI11	234	Product/Service ID	X	AN 1/48		
			Identifying number for a product or service				
	SI12	1000	Service Characteristics Qualifier	X	AN 2/2		
			Code from an industry code list qualifying the type of service	e char	acteristics		
	SI13	234	Product/Service ID	X	AN 1/48		

		Identifying number for a product or service		
SI14	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	chai	acteristics
SI15	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI16	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	chai	racteristics
SI17	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI18	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	chai	racteristics
SI19	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI20	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	chai	racteristics
SI21	234	Product/Service ID	X	AN 1/48
		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.
1 REF04 contains data relating to the value cited in REF02.

Semantic Notes: Comments:

			Data Elen	nent Summary		
	Ref.	Data				_
M	Des.	Element	Name	ingtion Onelifion		ributes
M	REF01	128	Reference Identifi	_	M	ID 2/3
			12	e Reference Identification		
				Billing Account		
			1J	Facility ID Number		
			4L	Location-specific Services Reference N	umbe	er
			6R	Provider Control Number		
			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		
			V0	Version		
			YN	Receiver ID Qualifier		
			ZH	Carrier Assigned Reference Number		
	REF02	127	Reference Identifi	ication	X	AN 1/30
				tion as defined for a particular Transaction	Set o	or as
	DEEGA	252		eference Identification Qualifier	T 7	A 3 T 4 /00
	REF03	352	Description		X	AN 1/80
	DEE0.4	G0.40	•	ption to clarify the related data elements a		eir content
	REF04	C040	Reference Identifi		0	
				more reference numbers or identification	numb	ers as
M	C04001	128	specified by the Re Reference Identifi	•	M	ID 2/3
174	204001	120		e Reference Identification	141	11 MI
			ACB	Region		
M	C04002	127	Reference Identifi	_	M	AN 1/30
171	CU7002	14/	Aciel chee Identil	icanon	TAT	111 1/30

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

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

Number assigned for differentiation within a transaction set

REF Reference Identification **Segment:**

Position:

LX Loop: Optional

Level: Summary Usage: Optional Max Use:

To specify identifying information **Purpose:**

Syntax Notes: At least one of REF02 or REF03 is required.

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. 1

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

	D - C	D-4-	Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		<u>ibutes</u>
M	REF01	128	Reference Identification Qualifier	\mathbf{M}	ID 2/3
			Code qualifying the Reference Identification		
	REF02	127	Reference Identification	\mathbf{X}	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set o	or as
	REF03	352	Description	\mathbf{X}	AN 1/80
			A free-form description to clarify the related data elements ar	nd the	eir content
	REF04	C040	Reference Identifier	O	
			To identify one or more reference numbers or identification r specified by the Reference Qualifier	umb	ers as
M	C04001	128	Reference Identification Qualifier	\mathbf{M}	ID 2/3
			Code qualifying the Reference Identification		
			ACB Region		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set o	or as
	C04003	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
			Code qualifying the Reference Identification		
			ACB Region		
	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set of specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
Not Used	C04006	127	Reference Identification	X	AN 1/30

AMT Monetary Amount **Segment:**

Position:

Loop: AMT Optional

Level: Summary **Usage:** Optional Max Use:

Purpose: To indicate the total monetary amount

Syntax Notes: Semantic Notes: Comments:

	Ref.	Data				
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	AMT01	522	Amount Qualifier	Code	M	ID 1/3
			Code to qualify am	ount		
			1E	Fixed Price		
			LM	Limit		
			NR	Nonrecurring		
			RJ	Rate Amount		
			ZT	Prorated Amount		
M	AMT02	782	Monetary Amoun	t	M	R 1/18
			Monetary amount			
Not Used	AMT03	478	Credit/Debit Flag	Code	O	ID 1/1

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 If DTM04 is present, then DTM03 is required.

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

3 At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes: Comments:

	Ref.	Data		•		
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	DTM01	374	Date/Time Qualifi	er	M	ID 3/3
			Code specifying typ	pe 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		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date		X	DT 8/8
			Date expressed as C	CCYYMMDD		
Not Used	DTM03	337	Time		X	TM 4/8
Not Used	DTM04	623	Time Code		O	ID 2/2
Not Used	DTM05	1250	Date Time Period	Format Qualifier	\mathbf{X}	ID 2/3
Not Used	DTM06	1251	Date Time Period		\mathbf{X}	AN 1/35

Segment: ITA Allowance, Charge or Service

Position: 111

Loop: ITA Optional

Level: Summary Usage: Optional

Max Use:

Purpose: To specify allowances, charges, or services

Syntax Notes: 1 If ITA08 is present, then ITA09 is required.

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

	Ref.	Data	·		
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ributes</u>
M	ITA01	248	Allowance or Charge Indicator	M	ID 1/1
			Code which indicates an allowance or charge for the service	speci	fied
			N No Allowance or Charge		
	ITA02	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
	ITA03	560	Special Services Code	X	ID 2/10
			Code identifying the special service		
M	ITA04	331	Allowance or Charge Method of Handling Code	M	ID 2/2
			Code indicating method of handling for an allowance or cha	ırge	
			ZZ Mutually Defined		
	ITA05	341	Allowance or Charge Number	0	AN 1/16
			The number assigned by a vendor referencing an allowance, charge	prom	otion, deal or
Not Used	ITA06	359	Allowance or Charge Rate	O	R 1/15
	ITA07	360	Allowance or Charge Total Amount	O	N2 1/15
			Total dollar amount for the allowance or charge		
	ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1
			Code indicating on what basis allowance or charge percent is	s calci	ulated
	ITA09	332	Percent	X	R 1/6
			Percent expressed as a percent		
	ITA10	380	Quantity	X	R 1/15
			Numeric value of quantity		

	ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2		
			Code specifying the units in which a value is being exprewhich a measurement has been taken	essed, or r	nanner in		
			AI Average Minutes Per Call				
			AN Minutes or Messages				
Not Used	ITA12	380	Quantity	X	R 1/15		
	ITA13	352	Description	X	AN 1/80		
			A free-form description to clarify the related data elements an				
	ITA14	150	Special Charge or Allowance Code	X	ID 3/3		
			Code identifying type of special charge or allowance				
			Refer to 004010 Data Element Dictionary for acceptable	code valu	ies.		
Not Used	ITA15	822	Source Subqualifier	O	AN 1/15		
	ITA16	662	Relationship Code	O	ID 1/1		
			Code indicating the relationship between entities				
			O Information Only				
Not Used	ITA17	355	Unit or Basis for Measurement Code	O	ID 2/2		

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 If DTM04 is present, then DTM03 is required.

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

3 At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes: Comments:

	Ref.	Data	Dutu Eleli			
	Des.	Element	<u>Name</u>		Attı	ributes
M	$\overline{DTM01}$	374	Date/Time Qualifi	er		ID 3/3
			Code specifying typ	pe 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		
			321	Purchased		
			346	Plan Begin		
			347	Plan End		
			358	Cycle Begin		
			359	Cycle End		
			507	Extract		
			949	Payment Effective		
	DTM02	373	Date		\mathbf{X}	DT 8/8
			Date expressed as C	CCYYMMDD		
Not Used	DTM03	337	Time		\mathbf{X}	TM 4/8
Not Used	DTM04	623	Time Code		O	ID 2/2
Not Used	DTM05	1250	Date Time Period	Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period		\mathbf{X}	AN 1/35

355

352

CTT06

CTT07

Not Used

Not Used

Description

Segment:			~	_					
Loop: Usage: Usage: Varies: Varies:		Segment:	CT'I	Transaction Totals					
Level: Usage: Optional Max Use: Purpose: Syntax Note: 1 If either CTT03 or CTT04 is present, then the other is required. 2 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. 2 If either CTT05 or CTT06 is present, then the other is required. 2 If either CTT05 or CTT06 is present, then the other is required. 3 If ither CTT05 or CTT06 is present, then the other is required. 2 If either CTT05 or CTT06 is present, then the other is required. 3 If the required. 3 If the required 3 If the re		_							
Usage: Max Use: Purpose: 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: Notes: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness. 2		Loop:							
Max Use: Purpose: Syntax Notes: 1 To transmit a hash total for a specific element in the transaction set Syntax Notes: 2 If either CTT03 or CTT04 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: The number of line items (CTT01) is the accumulation of the number of IT1 segments. Data Element Summary Data Element Summary Data Element Summary Number of Line Items									
Purpose Syntax Notes: 1 ff either CTT03 or CTT04 is present, then the other is required.		_	Optional						
Syntax Notes: I if either CTT03 or CTT04 is present, then the other is required. If either CTT05 or CTT06 is present, then the other is required. Semantic Notes: Notes: The number of line items (CTT01) is the accumulation of the number of IT1 segments. Notes: Data Des. Belement M CTT01 354 Name Attributes Number of Line Items Total number of line items in the transaction set. Number of IT1 segments in this transaction set. CTT02 347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. 1.8 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 1.9 Third occurrence of val			_						
Semantic Notes: Comments: Notes: The number of line items (CTT01) is the accumulation of the number of IT1 segments. Page 1 Data		_							
Semantic Notes: Comments: Notes: Notes: The number of line items (CTT01) is the accumulation of the number of IT1 segments. Data Des. Bef. Des. Des. Total number of Line Items Total number of line items in the transaction set. Number of IT1 segments in this transaction set. CTT02 347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example:0018 First occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 1.8 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 1.8 T		Syntax Notes:							
Notes: The number of line items (CTT01) is the accumulation of the number of IT1 segments. Notes: The number of line items (CTT01) is the accumulation of the number of IT1 segments. Data Data Des. Data Element Summary		Somentie Notes:	2 11 e1	ther C1103 of C1106 is present, then the other is required.					
Notes: The number of line items (CTT01) is the accumulation of the number of IT1 segments. Ref. Data Des. Element Data Des. Data Data Des. Data Data Des. Data Data Des. Data Data Data Data Des. Data Data Data Data Des. Data Data			1 This	segment is intended to provide hash totals to validate transact	ion co	omnleteness			
Notes: The number of line items (CTT01) is the accumulation of the number of IT1 segments.		comments.			ion cc	ompreteness			
M CTT01 354 Name Name Total number of Line Items in the transaction set Number of ITI segments in this transaction set. Number of ITI segments in this transaction set. CTT02 347 Hash Total O R 1/10 Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. 1.8 Second occurrence of value being hashed. 1.8 Third o		Notes:			of I	T1 segments.			
M CTT01 354 Name Name Total number of Line Items in the transaction set Number of ITI segments in this transaction set. Number of ITI segments in this transaction set. CTT02 347 Hash Total O R 1/10 Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. 1.8 Second occurrence of value being hashed. 1.8 Third o									
M CTT01 354 Number of Line Items Total number of line items in the transaction set Number of ITI segments in this transaction set. CTT02 347 Hash Total O R 1/10 Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 1.9 Third occurrence of value being hashed. 1.10 Third occurrence of value being hashed. 1.10 Third occurrence of value being hashed. 1.10		D-¢	D-4-	Data Element Summary					
M CTT01 354 Number of Line Items Total number of line items in the transaction set Number of ITI segments in this transaction set. CTT02 347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. 1.8 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. If used, the specified field for the Telecommunications Industry is IT104. Not Used CTT03 81 Weight X R 1/10 Not Used CTT04 355 Unit or Basis for Measurement Code X ID 2/2				Nomo	A +++	ributos			
Total number of line items in the transaction set Number of IT1 segments in this transaction set. CTT02 347 Hash Total OR 1/10 Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. 1.8 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. If used, the specified field for the Telecommunications Industry is IT104. Not Used CTT03 81 Weight X R 1/10 Not Used CTT04 355 Unit or Basis for Measurement Code X ID 2/2	М								
CTT02 347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. If used, the specified field for the Telecommunications Industry is IT104. Not Used CTT03 81 Weight X R 1/10 Not Used CTT04 355 Unit or Basis for Measurement Code X ID 2/2	141	CITOI	334		171	110 1/0			
CTT02 347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: 0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. If used, the specified field for the Telecommunications Industry is IT104. Not Used CTT03 81 Weight X R 1/10 Not Used CTT04 355 Unit or Basis for Measurement Code X ID 2/2									
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	Not	Used CTT04	355	Unit or Basis for Measurement Code	X	ID 2/2			
	Not		183	Volume	X	R 1/8			

Unit or Basis for Measurement Code

X ID 2/2

O AN 1/80

Segment: ${\bf SE}$ Transaction Set Trailer

Position: 120

Loop:

Level: Summary Usage: Mandatory

Max Use:

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.

M	Ref. <u>Des.</u> SE01	Data Element 96	Name Number of Included Segments	Attı M	ributes N0 1/10		
M	SE02	329	Total number of segments included in a transaction set include segments Transaction Set Control Number	ding S M	ST and SE AN 4/9		
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The value of this data element must match the value of the same data element in ST02 of the Transaction Set Header.				