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.	Seg. ID	Name	Req. Des.	Max.Use	Loop <u>Repeat</u>	Notes and Comments
6	010	<u>ID</u> ST	Transaction Set Header	M	1		
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		

004010D811T4 November 6, 2012

27	140	REF	Reference Identification	O	12		
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	141	1	>1	III
34	020	LX	Assigned Number	0	1		
Not Used	025	VEH	Vehicle Information	O	1		
35	030	SI	Service Characteristic Identification	O	8		
37	040	PID	Product/Item Description	O	200		
Not Used	045	MEA	Measurements	O	20		
38	050	REF	Reference Identification	O	>1		
41	060	AMT	Monetary Amount	O	5		
43	070	DTM	Date/Time Reference	O	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		0	>10		
85	285	AMT	Message Text	0	1		
83	263	AMI	Monetary Amount LOOP ID - QTY		1	>1	
86	290	QTY	Quantity	0	1	>1	
			Service Characteristic Identification				
89	300	SI	Service Characteristic Identification	О	1		
			LOOP ID - ITA			10	
91	310	ITA	Allowance, Charge or Service	O	1		
94	320	DTM	Date/Time Reference	O	1		
95	330	TXI	Tax Information	О	>1		
			LOOP ID - NM1	•	•	>1	
97	340	NM1	Individual or Organizational Name	0	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	0	1		
133	520	SI	Service Characteristic Identification	O	1		
			LOOP ID - NM1			>1	
135	530	NM1	Individual or Organizational Name	0	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	
			LOOI ID - ICD			>1	

144	590	TCD	Itemized Call Detail	О	1	n6
147	600	SI	Service Characteristic Identification	О	2	
149	610	TXI	Tax Information	О	>1	
151	615	ITA	Allowance, Charge or Service	О	>1	
			LOOP ID - QTY			>1
154	617	QTY	Quantity	О	1	
157	618	SI	Service Characteristic Identification	O	1	
			LOOP ID - USD			>1
159	620	USD	Usage-Sensitive Detail	О	1	n7
163	625	SI	Service Characteristic Identification	О	2	
165	630	ITA	Allowance, Charge or Service	О	2	
168	640	TRF	Rating Factors	О	18	
			LOOP ID - QTY			>1
171	650	QTY	Quantity	О	1	
174	660	SI	Service Characteristic Identification	O	1	
			LOOP ID - III			>1
Not Used	670	III	Information	О	1	
Not Used	680	DTP	Date or Time or Period	О	5	
Not Used	690	AMT	Monetary Amount	О	5	
Not Used	700	PCT	Percent Amounts	О	5	
			LOOP ID - LQ			>1
Not Used	710	LQ	Industry Code	О	1	
Not Used	720	AMT	Monetary Amount	O	5	
Not Used	730	PCT	Percent Amounts	O	5	
			LOOP ID - FA1			>1
Not Used	740	FA1	Type of Financial Accounting Data	0	1	
Not Used	750	FA2	Accounting Data	M	>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	0	1		

			LOOP ID - ITA	·		>1
187	090	ITA	Allowance, Charge or Service	О	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	О	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	О	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 i

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

Syntax Notes:

Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810

selects the Invoice Transaction Set).

Comments:

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. On used to make this number unique is to join the account invoice 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

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

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>		Attributes
	NTE01	363	Note Reference C	ode	O ID 3/3
			Code identifying the	he functional area or purpose for which the	e note applies
			ADD	Additional Information	
			GEN	Entire Transaction Set	
			INV	Invoice Instruction	
			OTH	Other Instructions	
			PRI	Priority	
			TIL	Tariff Index	
			TLF	Tariff Rule	
			TRF	Tariff Rate Footnotes	
			TSF	Tariff Section Footnotes	
M	NTE02	352	Description		M AN 1/80
			A free-form descri	ntion to clarify the related data elements a	and their 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 If Ct 12 If Ct 11 If Ct 12 If Ct 14 If Ct 14 If Ct 15 See I	JR08 is present, then JR09 is present, then JR10 is present, then JR10 is present, then JR11 is present, then JR12 is present, then JR13 is present, then JR14 is present, then JR16 is present, then JR16 is present, then JR17 is present, then JR18 is present, then JR18 is present, then JR19 is present, then JR19 is present, then JR20 is present, then JR21 is present, then JR21 is present, then	CUR07 is required. at least one of CUR11 or CUR12 is required. CUR10 is required. CUR10 is required. at least one of CUR14 or CUR15 is required. CUR13 is required. CUR13 is required. at least one of CUR17 or CUR18 is required. CUR16 is required. CUR16 is required. at least one of CUR20 or CUR21 is required. CUR19 is required.	ired. ired. ired. ired.
	Ref.	Data	Data Elem	ent Summary	
M	Des. CUR01	Element 98	Name Entity Identifier C	ode	Attributes M ID 2/3
			Code identifying an individual BY PR	organizational entity, a physical location Buying Party (Purchaser) Payer	, property or an
M	CUR02	100	Currency Code)) for country in whose aumonov the should	M ID 3/3
			CAD Canada, Doi USD United State	o) for country in whose currency the charg llars s of America, Dollarses, request ISO 4217 Currency Code Lis	·
	CUR03	280	Exchange Rate	· ·	O R 4/10
	CUR04	98	from one currency t Entity Identifier C	ode	O ID 2/3
			Code identifying an individual PE PM RI	Payee Party to receive paper Memo of Invoice Remit To	

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

O ID 3/3

Selling Party

Service Provider

SE

SJ

Currency Code

100

CUR05

Not Used Not Used

		CAD Canad USD United	la, Dollars ! States of America, Dollars		
CUR06	669		al values, request ISO 4217 Currency Code L	ist. O	ID 3/3
CURUO	009		arket/Exchange Code	_	
		IMF	ing the market upon which the currency excha	ilige ra	ie is baseu
		LNF	International Monetary Fund	1	
			London (England) Exchange - First Cl	_	
		LNS	London (England) Exchange - Second	Closii	ıg
		NYC	New York Foreign Exchange		
		PHI	Philadelphia Foreign Exchange		
		ZUR	Zurich (Switzerland) Exchange		
CUR07	374	Date/Time Q		X	ID 3/3
			ng type of date or time, or both date and time		
		001	Cancel After		
		003	Invoice		
		007	Effective		
			Effective date of exchange		
		009	Process		
		035	Delivered		
		092	Contract Effective		
		093	Contract Expiration		
		102	Issue		
		150	Service Period Start		
		151	Service Period End		
		152	Effective Date of Change		
		153	Service Interruption		
		154	Adjustment Period Start		
		155	Adjustment Period End		
CUR08	373	Date		O	DT 8/8
		Date expresse	d as CCYYMMDD		
CUR09	337	Time		O	TM 4/8
		Time expresse	ed in 24-hour clock time as follows: HHMM,	or HH	MMSS, or
			or HHMMSSDD, where $H = hours (00-23)$, N		
			nteger seconds $(00-59)$ and $DD = decimal seconds$		
			expressed as follows: $D = tenths (0-9)$ and $DD = tenths (0-9)$	= hund	lredths
CUR10	374	(00-99) Date/Time Q	ualifier	X	ID 3/3
CUR11	373	Date Date	uamei	X	DT 8/8
CUR12	337	Time		X	TM 4/8
CUR13	374	Date/Time Q	ualifier	X	ID 3/3
CUR14	374	Date/Time Q	uamiei	X	DT 8/8
CUR15	373	Time		X	TM 4/8
			wellflow		
CUR16	374	Date/Time Q	uamiei	X	ID 3/3
CUR17	373	Date		X	DT 8/8
CUR18	337	Time		X	TM 4/8
CUR19	374	Date/Time Q	uamer	X	ID 3/3
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>		<u>Attributes</u>
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	
			ACC	Status	
				Use to indicate Draft status; enter 'Dra	ıft' in REF02.
			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 Shipm	nent (SID)
			SU	Special Processing Code	

			V0	Version		
			VN	Vendor Order Number		
			YN	Receiver ID Qualifier		
			ZH	Carrier Assigned Reference Number		
			ZZ	Mutually Defined		
	REF02	127	Reference Io	dentification	X	AN 1/30
				formation as defined for a particular Transaction	on Set o	or as
	REF03	352	Description	the Reference Identification Qualifier	X	AN 1/80
	KLI 03	332	_	A free-form description to clarify the related data elements		
	REF04	C040		Reference Identifier		
	KLI 04	2010		one or more reference numbers or identification	O	ers as
			•	the Reference Qualifier	namo	CIS us
M	C04001	128		dentification Qualifier	M	ID 2/3
			Code qualify	ring the Reference Identification		
			ACB	Region		
			BLT	Billing Type		
			\mathbf{SU}	Special Processing Code		
M	C04002	127	Reference Io	dentification	\mathbf{M}	AN 1/30
				formation as defined for a particular Transaction	on Set o	or as
	C04002	120		the Reference Identification Qualifier	3 7	TD 4/2
	C04003	128		dentification Qualifier	X	ID 2/3
				ring the Reference Identification		
	C04004	105	SU	Special Processing Code	3 7	A NI 1/20
	C04004	127	Reference Io		X	AN 1/30
				formation as defined for a particular Transaction the Reference Identification Qualifier	on Set o	or as
Not Used	C04005	128		dentification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Io	dentification	X	AN 1/30

PER Administrative Communications Contact **Segment:**

Position:

Loop:

Level: Heading Usage: Optional Max Use:

Purpose:

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

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:

Ref. Des. Des. Element Name Attributes M PER01 366 Contact Function Code M ID 2/2 Code identifying the major duty or responsibility of the person or group named AR Accounts Receivable Department CC Computer Systems Contact OD Order Department PER02 93 Name O AN 1/60 Free-form name Free-form name PER03 365 Communication Number Qualifier X ID 2/2
M PER01 366 Contact Function Code M ID 2/2 Code identifying the major duty or responsibility of the person or group named AR Accounts Receivable Department CC Computer Systems Contact OD Order Department PER02 93 Name O AN 1/60 Free-form name PER03 365 Communication Number Qualifier X ID 2/2
Code identifying the major duty or responsibility of the person or group named AR Accounts Receivable Department CC Computer Systems Contact OD Order Department PER02 93 Name Free-form name PER03 365 Communication Number Qualifier X ID 2/2
AR Accounts Receivable Department CC Computer Systems Contact OD Order Department PER02 93 Name Free-form name PER03 365 Communication Number Qualifier X ID 2/2
CC Computer Systems Contact OD Order Department PER02 93 Name Free-form name PER03 365 Communication Number Qualifier X ID 2/2
OD Order Department PER02 93 Name O AN 1/60 Free-form name PER03 365 Communication Number Qualifier X ID 2/2
PER02 93 Name O AN 1/60 Free-form name PER03 365 Communication Number Qualifier X ID 2/2
Free-form name PER03 365 Communication Number Qualifier X ID 2/2
PER03 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 federal government.
EM Electronic Mail
FX Facsimile
TE Telephone
PER04 364 Communication Number X AN 1/80
Complete communications number including country or area code when applicable
PER05 365 Communication Number Qualifier X ID 2/2
Code identifying the type of communication number
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
~

			TE Telephone		
	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or ar	ea code	when
Not Used	PER09	443	applicable 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 Elem	ent Summary		
Ref.	Data				
Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
ITD01	336	Terms Type Code		O	ID 2/2
		Code identifying ty	pe of payment terms		
		03	Fixed Date		
		08	Basic Discount Offered		
		10	Instant		
		18	Fixed Date, Late Payment Penalty Appl	ies	
		22	Cash Discount Terms Apply		
ITD02	333	Terms Basis Date	Code	O	ID 1/2
		Code identifying the	e beginning of the terms period		
		3	Invoice Date		
		5	Invoice Receipt Date		
ITD03	338	Terms Discount Po	ercent	O	R 1/6
		Terms discount per	centage, expressed as a percent, available	to the	e purchaser if
			n or before the Terms Discount Due Date		
ITD04	370	Terms Discount D		X	DT 8/8
			e if discount is to be earned expressed in f	orma	it
ITD05	351	CCYYMMDD Terms Discount D	ove Dua	X	N0 1/3
111003	331		the terms discount period by which payme		
		discount is earned	the terms discount period by which payme	JII 18	due ii terins
ITD06	446	Terms Net Due Da	te	O	DT 8/8
		Date when total inv	oice amount becomes due expressed in fo	rmat	
		CCYYMMDD			
		-	ate 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 A	mount	O	N2 1/10
		Total amount of ter	ms discount		
ITD09	388	Terms Deferred D	ue Date	O	DT 8/8
		Date deferred paym CCYYMMDD	ent or percent of invoice payable is due e	xpres	sed in format

	ITD10	389	Deferred A	mount Due	X	N2 1/10		
			Deferred an	Deferred amount due for payment				
			Put Late Pa	Put Late Payment Charge here until X12 approves addition				
	ITD11	342	Percent of	Invoice Payable	X	R 1/5		
			Amount of i	Amount of invoice payable expressed in percent				
Not Used	ITD12	352	Description			AN 1/80		
	ITD13	765	Day of Mor	Day of Month				
			the month b	The numeric value of the day of the month between 1 and the the month being referenced				
	ITD14	107	Payment Method Code		O	ID 1/2		
			Code identif	fying type of payment procedures				
			AC	Credit Card				
			C	Pay By Check				
			E	Electronic Payment System				
	ITD15	954	Percent		O	R 1/10		
			Percentage of	expressed as a decimal				
			Late payme	nt 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.
- At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes:

Comments:

Notes: To specify billing period.

	Ref.	Data	2	ziement gammar y		
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	DTM01	374	Date/Time Q	ualifier	\mathbf{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. e	D (Data Element Summary		
M	Ref. Des. 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 ZE 911-Tax Refer to 004010 Data Element Dictionary for acceptable codes		
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		ID 2/2
			Code identifying the source of the data used in tax jurisdiction		
	TVIO	056	Refer to 004010 Data Element Dictionary for acceptable code Tax Jurisdiction Code		
	TXI05	956	Code identifying the taxing jurisdiction	X	AN 1/10
	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 th	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	vance,	charge or			
TXI09	325	Tax Identification	n Number	O	AN 1/20			
TXI10	350	•	Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number Assigned Identification O AN 1/20					
		O	racters assigned for differentiation within	a tran	saction set			

N1 Name **Segment:**

Position:

Loop: N1 Optional

Level: Heading 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:

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.

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

Data Element Summary								
	Ref.	Data						
M	<u>Des.</u> N101	Element 98	Name Entity Identifies (No. Jo	Attı M	ributes ID 2/3		
M	NIUI	98	Entity Identifier (
			individual	n organizational entity, a physical location	, prop	perty or 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	Servic	es		
			PR	Payer				
			SV	Service Performance Site				
	N102	93	Name		X	AN 1/60		
			Free-form name					
	N103	66	Identification Cod	le Qualifier	\mathbf{X}	ID 1/2		
			Code designating the system/method of code structure used for Identific			entification		
			Code (67)					
			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 Address	ss Coo	de		
				(DODAAC)	C. 1.	1		
				This code is to be used only within the government.	jeaer	ai		
			33	Commercial and Government Entity (C	AGE))		
				This code is to be used only within the	feder	al		
			40	government.				
			40	Electronic Mail User Code	. ~			
			41	Telecommunications Carrier Identificat				
			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	

 ${\bf Segment:} \quad N2 \ \, {\bf Additional \ Name \ Information}$

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:

	Ref.	Data			
	Des.	Element	<u>Name</u>	<u>Attri</u>	<u>butes</u>
M	N201	93	Name	\mathbf{M}	AN 1/60
			Free-form name		
	N202	93	Name	0	AN 1/60
			Free-form name		

Segment: N3 Address Information

Position: 120

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes: Semantic Notes: Comments:

M	Ref. <u>Des.</u> N301	Data Element 166	Name Address Information	Attr M	ributes AN 1/55
			Address information		
	N302	166	Address Information	0	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				
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
		Code defining inter (zip code for United	national postal zone code excluding punc	tuatio	n and blanks
N404	26	Country Code	1 States)	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.

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

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

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

Comments:

			Data Elem	ent Summary	
	Ref.	Data		•	
	Des.	Element	Name		Attributes
M	REF01	128	Reference Identifi	_	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)	item (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	umber
			IS	Invoice Number Suffix	

			IT	Letternal Containing Newsberr		
			IT	Internal Customer Number		
			IV	Seller's Invoice Number		
			LB	Lockbox		
			LJ	Local Jurisdiction		
			LU	Location Number		
			NP	Partial Payment Number		
			OI	Original Invoice Number		
			OP	Original Purchase Order		
			OR	Order/Paragraph Number		
			P4	Project Code		
			PO	Purchase Order Number		
			PX	Previous Invoice Number		
			RO	Repetitive Booking Number		
			RT	Payee's Financial Institution Transit Ro Check, Draft or Wire Payments. Receive Financial Institution Transit Routing N	ving D	epository
			SE	Transfers Serial Number		
			SU	Special Processing Code		
			SX	Service Interrupt Tracking Number		
			TF	Transfer Number		
			TJ	Federal Taxpayer's Identification Num	her	
			V0	Version	oci	
			VC	Vendor Contract Number		
			VN	Vendor Order Number		
			VR	Vendor ID Number		
			YN	Receiver ID Qualifier		
			ZH	Carrier Assigned Reference Number		
	REF02	127	Reference Identi		X	AN 1/30
	KEF02	127		ation as defined for a particular Transaction		
				Reference Identification Qualifier	n bet (n us
	REF03	352	Description		X	AN 1/80
			A free-form descr	ription to clarify the related data elements a	and the	eir content
	REF04	C040	Reference Identi	fier	O	
			specified by the R	r more reference numbers or identification deference Qualifier	numb	ers as
M	C04001	128		fication Qualifier	M	ID 2/3
			Code qualifying the	he Reference Identification		
			ACB	Region		
M	C04002	127	Reference Identi	fication	M	AN 1/30
			specified by the R	ation as defined for a particular Transaction deference Identification Qualifier		
	C04003	128		fication Qualifier	X	ID 2/3
				he Reference Identification		
			ACB	Region		
	C04004	127	Reference Identi		X	AN 1/30
				ation as defined for a particular Transaction deference Identification Qualifier	n 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 El	ement Summary		
	Ref.	Data				-
	Des.	Element	Name			<u>ributes</u>
M	PER01	366	Contact Function			ID 2/2
				the major duty or responsibility of the person	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 name			
	PER03	365	Communication	n 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	feder	ral
				government.		
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
	PER04	364	Communication	n Number	X	AN 1/80
			applicable	unications number including country or area		
			Complete commapplicable.	unications number including country or ar	rea co	de when
	PER05	365	Communication	n 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	ral
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
	PER06	364	Communication	n Number	X	AN 1/80
			Complete comm	unications number including country or area	a code	when
			1. 1.1	g ,		

applicable

Not Used

PER07	365	Communication N	Jumber Qualifier X	ID 2/2
		Code identifying th	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 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 N	Number X	AN 1/80
			ications number including country or area cod-	e when
		applicable		
PER09	443	Contact Inquiry R	Reference O	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>	Attr	<u>ributes</u>	
M	HL01	628	Hierarchical ID Number	M	AN 1/12	
			A unique number assigned by the sender to identify a particul in a hierarchical structure	ar da	ta segment	
			Sequential number assigned to this HL segment.			
	HL02	734	Hierarchical Parent ID Number	O	AN 1/12	
	Identification number of the next higher hierarchical data segment that 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			

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

This level can only be used as a subordinate to level 4, 5, 6 or 7.

Refer to 004010 Data Element Dictionary for acceptable code values.

Must Use HL04 **736 Hierarchical Child Code**

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

O ID 1/1

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

SI Service Characteristic Identification **Segment:**

Position: 030

> Loop: LX 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.
- 7 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 = 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 Element	Nama	A 44-	ributos
M	<u>Des.</u> SI01	Element 559	Name Agency Qualifier Code		ributes ID 2/2
171	DIVI		Code identifying the agency assigning the code values	171	10 2/2
			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	acteristics
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	acteristics
	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	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	e char	acteristics
	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 serv	rice chai	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 serv	rice 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 serv	ice char	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 characteristics		
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 characteristics		
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:

- 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:

- 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.

			Data Element Sammary			
	Ref.	Data				
	Des.	Element	<u>Name</u>	Att	Attributes	
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	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 producharacteristic			
	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	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 Elem	ent Summary	
	Ref.	Data			
	Des.	Element	Name		Attributes
M	REF01	128	Reference Identifi	_	M ID 2/3
				e Reference Identification	
			01	American Bankers Assoc. (ABA) Trans Number (Including Check Digit, 9 Digit	
			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

		1J	Facility ID Number	
			g the Reference Identification	
C04001	128			M ID 2/3
00.40**		specified by the	e Reference Qualifier	
		To identify one	or more reference numbers or identification numbers	mbers as
REF04	C040	Reference Idea		O
		-	scription to clarify the related data elements and	their content
REF03	352	Description		X AN 1/80
			rmation as defined for a particular Transaction S e Reference Identification Qualifier	et or as
REF02	127	Reference Idea		X AN 1/30
DEE	125	ZH Defenence Idea	Carrier Assigned Reference Number	W ANI 1/20
		YN	Receiver ID Qualifier	
		VR	Vendor ID Number	
		VN	Vendor Order 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	
		~	Transfers	
			Financial Institution Transit Routing Num	
		IX I	Check, Draft or Wire Payments. Receiving	-
		RT	Payee's Financial Institution Transit Routi	ing Number for
		RO	Repetitive Booking Number	
		PO PX	Purchase Order Number Previous Invoice Number	
		P4	Project Code	
		OW D4	Service Order Number	
		OR	Order/Paragraph Number	
		OP	Original Purchase Order	
		OI	Original Invoice Number	
		NP	Partial Payment Number	
		LU	Location Number	
		LJ	Local Jurisdiction	
		LI	Line Item Identifier (Seller's)	
		LB	Lockbox	
		IV	Seller's Invoice Number	
		IT	Internal Customer Number	
		HB	Bill & Hold Invoice Number	
		GT	Goods and Service Tax Registration Num	ber
		GC	Government Contract Number	
		F8	Original Reference Number	
		EU	End User's Purchase Order Number	
		EM	Electronic Payment Reference Number	
		EF	Electronic Funds Transfer ID Number	

Electronic Funds Transfer ID Number

			ACB Region		
M	C04002	127	Reference Identification	\mathbf{M}	AN 1/30
			Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier	n Set o	or as
	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 Transactio specified by the Reference Identification Qualifier	ction 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

AMT Monetary Amount **Segment:**

Position: 060

Loop: LX Optional

Level: Detail Usage: Optional

Max Use:

To indicate the total monetary amount **Purpose:**

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 Qualifier Code	M ID 1/3

Code to qualify amount

Code to quality and	ouit .
''6'', ''KO'', ''PB'', (Provider Level).	and "SC" are the only valid codes at HL1 (Service
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
СН	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: 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.

	Def	Data	Data Elelli	ent Summary		
	Ref.	Data Floment	Nama		A 44	nibutos
M	<u>Des.</u> DTM01	<u>Element</u> 374	Name Date/Time Qualific	e r		ributes ID 3/3
171	DIMOI	574	_	be of date or time, or both date and time	1,1	10 0/0
			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 Start Service Period End		
			152 153	Effective Date of Change		
				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		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 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 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 us	sed in the percent calculation of the allow	ance	, charge or
TXI09	325	Tax Identification	Number	O	AN 1/20
TOTAL 1.0	250	county, etc.); often	o a purchaser (buyer, orderer) by a taxing called a tax exemption number or certific	•	ımber
TXI10	350	Assigned Identifica		O	AN 1/20
		Alphanumeric chara	acters assigned for differentiation within	a tran	saction set

Segment: QTY Quantity

Position: 090

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 "1", "2", "3", "5", "6", "7" or "9".

			Data Eleme	ent Summary	
	Ref.	Data			
3.4	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 o	f Measure	O	
			To identify a comp	posite unit of measure (See Figures Appea	ndix	for examples
	G00404	2==	of use)			TD 4/4
M	C00101	355		Measurement Code	M	ID 2/2
				ne units in which a value is being expressed tent has been taken	1, or 1	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	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: 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.
- 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 SI16 or SI17 is present, then the other is required.
 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes: Comments:

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

Notes:

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.

Ref. Data		
Des. <u>Element</u> <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	acteristics
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 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	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	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	acteristics
SI11 234 Product/Service ID	X	AN 1/48
Identifying number for a product or service		

		Code from an industry code list qualifying the type of s	ervice 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 s	ervice 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 s	ervice 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 s	ervice 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 s	ervice char	acteristics
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:

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 loop is optional when

HL03 is "2", "3", "5", "6", or "7", and is required when HL03 is "1".

	Ref.	Data	Data Elem	nent Summary				
	Des.	Element	Name		Attributes			
M	NM101	98	Entity Identifier (Code	M ID 2/3			
				n organizational entity, a physical location	, property or an			
			individual	4 1 1:1 1 (HI 1/C : D	• 1 7 1			
			1. 'SJ' and '9D' are	e the only valid codes at HL1 (Service Pr	ovider Level).			
			2. 'OB' and 'P9' ar	e invalid at HL2 (Billing Arrangement I	Level) and HL3			
			(Sub-Billing Arran		,			
			2 1021 1071 1071		1			
				3. 'C3', 'CT', 'GP', 'IA', 'OB' and 'P9' are the only valid codes at HL5 (Category Level), HL6 (Subcategory Level) and HL7 (Type Level).				
			9D	New Service Provider	Leveij.			
			AG	Agent/Agency				
			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				
M	NIN#102	1065	SJ	Service Provider	M ID 1/1			
M	NM102	1065	Entity Type Quali	ner	M ID 1/1			

Code qualifying the type of entity

			1	Person			
			2	Non-Person Entity			
			3	Unknown			
	NM103	1035	Name Last or	Organization Name	O	AN 1/35	
			Individual last	name or organizational name			
	NM104	1036	Name First		O	AN 1/25	
			Individual first	name			
	NM105	1037	Name Middle		O	AN 1/25	
			Individual mid	Individual middle name or initial			
	NM106	1038	Name Prefix		O	AN 1/10	
			Prefix to indivi	idual name			
	NM107	1039	Name Suffix		O	AN 1/10	
		Suffix to individual name					
	NM108	66	Identification	Code Qualifier	X	ID 1/2	
			Code designati Code (67)	for Ide	entification		
				11', '42' and '91' are the only valid values at	HI 1 (Service	
			Provider Level		1121 (Scriec	
			1	D-U-N-S Number, Dun & Bradstreet			
			9	D-U-N-S+4, D-U-N-S Number with F	our Ch	naracter	
			10	Suffix		1.	
			10	Department of Defense Activity Addre (DODAAC)			
			33	Commercial and Government Entity (
			40	Electronic Mail User Code			
			41	Telecommunications Carrier Identifica	ition C	ode	
			42	Telecommunications Pseudo Carrier Id	dentific	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	
				ng a party or other code			
			•	2' - use CIC code list maintained by Lockhe - use Pseudo-CIC list provided in OBF Sect		•	
Not Used	NM110	706	Entity Relatio	•	X	ID 2/2	
Not Used	NM111	98	Entity Identifi	_	O	ID 2/3	

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".

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	

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: 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 "1", "2", "3", "5", "6", or "7".

Ref.	Data		•		
Des.	Element	<u>Name</u>		Att	<u>ributes</u>
N401	19	City Name		O	AN 2/30
		Free-form text for c	rity 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	•	\mathbf{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	les 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'.

M	Des. REF01	Element 128	<u>Name</u> Reference Identification Qualifier		ibutes ID 2/3
			Code qualifying the Reference Identification		
			"10", "CR", "EF", "GT", "IV", "LB", "RT", "	'TF'' and ''VC''	are the

the Reference Identification
EF", "GT", "IV", "LB", "RT", "TF" and "VC" are the only
IL1 (Service Provider Level).
American Bankers Assoc. (ABA) Transit/Routing
Number (Including Check Digit, 9 Digits)
Clearing House Interbank Payment System (CHIPS)
Participant Number (3 or 4 Digits) Clearing House Interbank Payment System (CHIPS) User
Identification (6 digits)
Account Managers Code
Account Number
Billing Account
Horizontal Coordinate
Master Account Number
Vertical Coordinate
Facility ID Number
Office Number
Location-specific Services Reference Number
Provider Control Number
Subscriber Authorization Number
Originating Company Identifier
Receiving Company Identifier
Carrier Assigned Code
Buyer's Contract Number
Billing Center Identification
Billing Type
Cost Allocation Reference
Customer Order Number
Customer Reference Number
Contract Number
Department Number

M

		E9	Attachment Code		
		EF	Electronic Funds Transfer ID Number		
		EM	Electronic Payment Reference Number		
		EU	End User's Purchase Order Number		
		F8	Original Reference Number		
		GC	Government Contract Number		
		GT	Goods and Service Tax Registration Nu	ımber	
		HB	Bill & Hold Invoice Number		
		IT	Internal Customer Number		
		IV	Seller's Invoice Number		
		LB	Lockbox		
		LI	Line Item Identifier (Seller's)		
		LJ	Local Jurisdiction		
		LU	Location Number		
		NP	Partial Payment Number		
		OI	Original Invoice Number		
		OP	Original Purchase Order		
		OR	Order/Paragraph Number		
		OW	Service Order Number		
		P4	Project Code		
		PO	Purchase Order Number		
		PX	Previous Invoice Number		
		RO	Repetitive Booking Number		
		RT	Payee's Financial Institution Transit Ro Check, Draft or Wire Payments. Receiv Financial Institution Transit Routing No	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 Identif	fication	X	AN 1/30
		Reference informa	ation as defined for a particular Transaction	Set o	or as
			eference Identification Qualifier		
REF03	352	Description		X	AN 1/80
			iption to clarify the related data elements a		eir content
REF04	C040	Reference Identif		O	
00.4004	4.00	specified by the R	more reference numbers or identification reference Qualifier		
C04001	128	Reference Identif	_	M	ID 2/3
		Code qualifying th	ne Reference Identification		

			1J	Facility ID Number		
			ACB	Region		
M	C04002	127	Reference Ide	entification	\mathbf{M}	AN 1/30
	G0 4002	100	specified by the	ormation as defined for a particular Transact ne Reference Identification Qualifier		
	C04003	128	Reference Ide	entification Qualifier	X	ID $2/3$
			Code qualifying	ng the Reference Identification		
			ACB	Region		
	C04004	127	Reference Ide	entification	X	AN 1/30
				ormation as defined for a particular Transact ne Reference Identification Qualifier	ion Set o	or as
Not Used	C04005	128	Reference Ide	entification Qualifier	X	ID 2/3
Not Used	C04006	127	Reference Ide	entification	\mathbf{X}	AN 1/30

PER Administrative Communications Contact **Segment:**

Position:

Loop: NM1 Optional

Level: Detail Usage: Optional Max Use:

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

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 '1', '2', '3', '5', '6' or '7'.

			Data Elem	ent Summary		
	Ref.	Data				
M	<u>Des.</u> PER01	<u>Element</u> 366	Name Contact Function	Codo	Attı M	<u>ributes</u> ID 2/2
IVI	PERUI	300				-
			AD	e major duty or responsibility of the person	on or	group named
			AD AR	Accounting Department		
			BD	Accounts Receivable Department		
			BI	Buyer Name or Department		
			CC CC	Bill Inquiry Contact		
			DA	Computer Systems Contact		
			IC	Directory Advertising Contact Information Contact		
			MA	Maintenance Contact		
			OC	Order Contact		
			OD			
			PM	Order Department		
				Product Manager		
			QA SR	Quality Assurance Contact		
				Sales Representative or Department		
	DED 04	02	TR	Technical Marketing Representative	•	A NI 1/60
	PER02	93	Name		O	AN 1/60
	DEDA	265	Free-form name		V	TD 2/2
	PER03	365	Communication N		X	ID 2/2
				e type of communication number		
			AU	Defense Switched Network	C. 1	1
				This code is to be used only within the government.	jeaer	aı
			EM	Electronic Mail		
			FX	Facsimile		
			TE	Telephone		
			UR	Uniform Resource Locator (URL)		
	PER04	364	Communication N		X	AN 1/80
			Complete communi	cations number including country or area	code	when
			applicable	- ·		
	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 Home Facsimile Number HF 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 TN Teletex Number TX**TWX**

Not Used	PER09	443	applicable	niry Reference	0	AN 1/20
			Complete con	nmunications number including country	or area code	when
	PER08	364	Communicat	ion Number	X	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 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	emption 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 us	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	-	
TTX 10	250		called a tax exemption number or certification	ate nu	
TXI10	350	Assigned Identifica	ation	O	AN 1/20
		Alphanumeric chara	acters assigned for differentiation within a	a tran	saction set

Segment: ITA Allowance, Charge or Service Position: 180	
Loop: ITA Optional	
Level: Detail	
Usage: Optional	
Max Use: 1	
Purpose: To specify allowances, charges, or services	
Syntax Notes: 1 If 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	m
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, ITA or ITA08 must be present.	07,
2 ITA02 identifies the source of the code value in ITA03 or ITA15.	
3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.	
4 ITA13 is used to clarify the allowance, charge, or service.	
5 ITA15 specifies the individual code list of the agency specified in ITA02.	
6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated	
segment.	
Notes: When submitting the 811 to any federal agency, use of the ITA loop is optional who	n
HL03 is "1", "2", "3", "5", "6", or "7".	

	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attı</u>	<u>ributes</u>
M	ITA01	248	Allowance of	r Charge Indicator	M	ID 1/1
			Code which i	ndicates an allowance or charge for the service	specif	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency Qual	lifier Code	\mathbf{X}	ID 2/2
			Code identify	ring the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Servi	ices Code	\mathbf{X}	ID 2/10
			Code identify	ring the special service		
			See OBF Sec	tion 10.4 for valid values.		
M	ITA04	331	Allowance of	r Charge Method of Handling Code	M	ID 2/2
			Code indicati	ng 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 of	r Charge Number	O	AN 1/16
			The number a charge	assigned by a vendor referencing an allowance,	prom	otion, deal or
Not Used	ITA06	359	Allowance of	r Charge Rate	O	R 1/15
	ITA07	360	Allowance or	r Charge Total Amount	0	N2 1/15

		Total dollar amou	int for the allowance or charge		
ITA08	378		ge Percent Qualifier	0	ID 1/1
111100	570		on what basis allowance or charge percent is		
		9	Late Payment Charge Base Amount		
ITA09	332	Percent	Zate I al mont charge Zate I mount	X	R 1/6
111107		Percent expressed	l as a percent		22 2/ 0
ITA10	380	Quantity	r	X	R 1/15
		Numeric value of	quantity		
ITA11	355		Measurement Code	X	ID 2/2
		Code specifying t	he units in which a value is being expressed	d, or 1	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	rage
			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	О	ID 2/2

Segment: DTM Date/Time Reference

Position: 190

Loop: ITA Optional

Level: Detail
Usage: Optional

Max Use:

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", or "7".

	Ref.	Data	Duta Lien	icht Summary		
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	$\overline{DTM01}$	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 0	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 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	sed in the percent calculation of the allow	vance	, charge or
		tax			
TXI09	325	Tax Identification	Number	O	AN 1/20
		_	o a purchaser (buyer, orderer) by a taxing called a tax exemption number or certific	•	
TXI10	350	Assigned Identific	<u> •</u>	O	AN 1/20
		Alphanumeric char	acters assigned for differentiation within	a tran	saction set

IT1 Baseline Item Data (Invoice) **Segment:**

Position:

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: If any of IT102 IT103 or IT104 is present, then all are required.

- 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.
- If either IT114 or IT115 is present, then the other is required.
- 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.
- If either IT120 or IT121 is present, then the other is required. If either IT122 or IT123 is present, then the other is required.
- If either IT124 or IT125 is present, then the other is required.

Semantic Notes: Comments:

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.
- 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	Duta Ex			
	Des.	Element	<u>Name</u>		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	invoiced (supplier units)		
Must Use	IT103	355	Unit or Basis for	· Measurement Code	\mathbf{X}	ID 2/2
				the units in which a value is being expresse ment has been taken	d, or 1	manner in
			change: At least subordinate level	14': Rules of extended pricing do not appl one M4 code must be used if there are cha 's (5-9). When M4 is used, IT104 equals (OBF summing rules in OBF Section 7.3).	rges of the ro	at the
			EA	Each		
			M4	Monetary Value		
			MO	Months		
Must Use	IT104	212	Unit Price		X	R 1/17
			Price per unit of J	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 Chang	e)	
		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
		Product/Service ID (234)	ımber used ir	l
IT107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT108	235		X	ID 2/2
		Code identifying the type/source of the descriptive nu Product/Service ID (234)		l
			Type (WJ) wi	nich is
			for Talagam	Campiaa
		Type 'WJ' which is effective with		
IT109	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		See OBF Section 10.4 for a list of valid codes.		
IT110	235	Product/Service ID Qualifier	X	ID 2/2
IT111	234	Product/Service ID	X	AN 1/48
IT112	235	Product/Service ID Qualifier	X	ID 2/2
IT113	234	Product/Service ID	X	AN 1/48
IT114	235	Product/Service ID Qualifier	X	ID 2/2
IT115	234	Product/Service ID	X	AN 1/48
IT116	235	Product/Service ID Qualifier	X	ID 2/2
IT117	234	Product/Service ID	\mathbf{X}	AN 1/48
IT117 IT118	234 235	Product/Service ID Product/Service ID Qualifier	X X	AN 1/48 ID 2/2
	235			ID 2/2
IT118		Product/Service ID Qualifier Product/Service ID	X	
IT118 IT119 IT120	235234235	Product/Service ID Qualifier Product/Service ID Product/Service ID Qualifier	X X	ID 2/2 AN 1/48 ID 2/2
IT118 IT119 IT120 IT121	235234235234	Product/Service ID Qualifier Product/Service ID Product/Service ID Qualifier Product/Service ID	X X X	ID 2/2 AN 1/48 ID 2/2 AN 1/48
IT118 IT119 IT120 IT121 IT122	235234235234235	Product/Service ID Qualifier Product/Service ID Product/Service ID Qualifier Product/Service ID Product/Service ID Qualifier	X X X X X	ID 2/2 AN 1/48 ID 2/2 AN 1/48 ID 2/2
IT118 IT119 IT120 IT121	235234235234	Product/Service ID Qualifier Product/Service ID Product/Service ID Qualifier Product/Service ID	X X X X	ID 2/2 AN 1/48 ID 2/2 AN 1/48
	IT107 IT108 IT109 IT110 IT111 IT112 IT113 IT114 IT115	IT107 234 IT108 235 IT109 234 IT110 235 IT111 234 IT112 235 IT113 234 IT114 235 IT115 234	CT Contract PE Price per Each PM Monthly Price Per Unit TE Contract Price per Each PM Monthly Price Per Unit TE Contract Price per Each TT106 235 Product/Service ID Qualifier Code identifying the type/source of the descriptive meterical Product/Service ID (234) SV Service Rendered IT107 234 Product/Service ID Identifying number for a product or service See OBF Section 10.4 for valid values. IT108 235 Product/Service ID Qualifier Code identifying the type/source of the descriptive meterical Product/Service ID (234) 'ZZ' is temporarily being used for Telecom Service in Service in See OBF Section 10.4 for a list of valid codes. IT109 234 Product/Service ID Identifying number for a product or service See OBF Section 10.4 for a list of valid codes. IT110 235 Product/Service ID Qualifier IT111 234 Product/Service ID Qualifier IT112 235 Product/Service ID Qualifier IT113 234 Product/Service ID Qualifier IT114 235 Product/Service ID Qualifier IT115 234 Product/Service ID Qualifier IT111 234 Product/Service ID Qualifier	CT Contract PE Price per Each PM Monthly Price Per Unit TE Contract Price per Each PM Monthly Price Per Unit TE Contract Price per Each IT106 235 Product/Service ID Qualifier X Code identifying the type/source of the descriptive number used in Product/Service ID (234) SV Service Rendered IT107 234 Product/Service ID X Identifying number for a product or service See OBF Section 10.4 for valid values. IT108 235 Product/Service ID Qualifier X Code identifying the type/source of the descriptive number used in Product/Service ID (234) 'ZZ' is temporarily being used for Telecom Service Type (WJ) whe effective with ASC X12 version 004020. ZZ Mutually Defined 'ZZ' is temporarily being used for Telecom Service Type 'WJ' which is effective with ASC X12 version 004020. IT109 234 Product/Service ID X Identifying number for a product or service See OBF Section 10.4 for a list of valid codes. IT110 235 Product/Service ID Qualifier X IT111 234 Product/Service ID Qualifier X IT112 235 Product/Service ID Qualifier X IT113 234 Product/Service ID Qualifier X IT114 235 Product/Service ID Qualifier X IT115 234 Product/Service ID Qualifier X IT116 235 Product/Service ID Qualifier X IT117 234 Product/Service ID Qualifier X IT118 234 Product/Service ID Qualifier X IT119 235 Product/Service ID Qualifier X IT110 236 Product/Service ID Qualifier X IT111 237 Product/Service ID Qualifier X IT111 238 Product/Service ID Qualifier X IT111 239 Product/Service ID Qualifier X IT111 230 Product/Service ID Qualifier X

Segment: SI Service Characteristic Identification

Position: 220

Loop: IT1 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:

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 Element	Nome	A 44-	≓butoa
M	<u>Des.</u> SI01	Element 559	Name Agency Qualifier Code		<u>ributes</u> 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	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	char	acteristics
	SI07	234	Product/Service ID	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	char	acteristics
	SI09	234	Product/Service ID	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	char	acteristics
	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	\mathbf{X}	AN 2/2
		Code from an industry code list qualifying the type of service	char	acteristics
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	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	chai	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	chai	acteristics
SI21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
S121	234		X	AN 1/48

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.
- 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 "4".

	Ref.	Data	Data Element Summary			
	Des.	Element	<u>Name</u> <u>Attribu</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	ies.	
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 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			
	Des.	Element	Name	_	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 Appen of use)	ndix f	or 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 **Monetary Amount** X R 1/18 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 C	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		0	ID 1/1
		Code indicating the	relationship between entities		
		A	Add		
		D	Delete		
		O	Information Only		
TXI08	828	Dollar Basis For P	ercent	0	R 1/9
		Dollar basis to be u	sed in the percent calculation of the allow	ance,	charge or
TD\$7100	225	tax	N	_	A DT 4 /20
TXI09	325	Tax Identification	- 19	0	AN 1/20
		_	a purchaser (buyer, orderer) by a taxing j		
TXI10	350	Assigned Identific	called a tax exemption number or certifica	ite ni O	mber AN 1/20
1/110	330	_	acters assigned for differentiation within a	_	: -, - = =
		inplianamente char	acters assigned for differentiation within a	aun	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.

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 Elen	nent Summary		
	Ref.	Data			•	
M	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Identifi	ication Auglifiar	Attı M	ributes ID 2/3
141	KETUI	120		e Reference Identification	IVI	11) 2/3
			11	Account Number		
			12	Billing Account		
			1 <u>J</u>	Facility ID Number		
			4L	Location-specific Services Reference N	Jumbe	a r
			6R	Provider Control Number	vuilloc	A.
			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 Version		
			YN	Receiver ID Qualifier		
			ZH	Carrier Assigned Reference Number		
			ZZ	Mutually Defined		
	REF02	127	Reference Identifi	•	X	AN 1/30
	KLIF UZ	127		tion as defined for a particular Transaction		
				eference Identification Qualifier	n bet c	51 u 5
	REF03	352	Description		\mathbf{X}	AN 1/80
			A free-form descrip	ption to clarify the related data elements a	ınd the	eir content
	REF04	C040	Reference Identifi	er	O	
			To identify one or	more reference numbers or identification	numb	ers as

			specified by the Reference Qualifier			
\mathbf{M}	C04001	128	Reference Ide	Reference Identification Qualifier		ID 2/3
			Code qualifyin	ng the Reference Identification		
			1J	Facility ID Number		
			ACB	Region		
M	C04002	127	Reference Ide	entification	\mathbf{M}	AN 1/30
			Reference info	rmation 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
				ormation as defined for a particular Transact te Reference Identification Qualifier	tion Set	or as
Not Used	C04005	128	Reference Ide	entification Qualifier	\mathbf{X}	ID 2/3
Not Used	C04006	127	Reference Ide	Reference Identification X A		

DTM Date/Time Reference **Segment:**

Position:

IT1 Optional Loop:

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 Element Summary					
	Ref.	Data				_
M	<u>Des.</u> DTM01	<u>Element</u> 374	Name Data/Time Ovalifie		Attr M	ributes ID 3/3
IVI	DIMINI	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
				CVVAMDD		0,0

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.

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>	<u>Attr</u>	<u>ibutes</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: 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 Qualifier	· Code	M	ID 1/3
			Code to qualify an	nount		
			1E	Fixed Price		
			8V	Services		
			LM	Limit		
			NR	Nonrecurring		
			RJ	Rate Amount		
			ZT	Prorated Amount		
M	AMT02	782	Monetary Amour	nt	M	R 1/18
			Monetary amount			
Not Used	AMT03	478	Credit/Debit Flag	Credit/Debit Flag Code O		ID 1/1

Segment: QTY Quantity

Position: 290

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 segment is optional when HL03 is ''4''.

		Data Eleme	ent Summary
	Data		
			Attributes
QTY01	673	-	M ID 2/2
			Discrete Quantity
			Cumulative Quantity
			Committed Quantity
			Original Quantity
			Primary Net Quantity
			Time Frame
			Quantity Received
			Minimum
			Acknowledged Quantity
			Additional Usage Quantity
			Allotted Usage Quantity
			Attendant-Handled Quantity
			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
	Ref. Des. QTY01	Des. Element	Ref. Des. QTY01 Element 673 Name Quantity Qualifier Code specifying the 01 02 27 38 47 7K 87 8H 90 91 92 93 94 95 96 97 98 99 AA AA AB AC AD AE AF AG AH AI AJ

			M2	Maximum		
			NS	Number of Stations		
			QD	Quantity Delivered		
			TO	Total		
Must Use	QTY02	380	Quantity		X	R 1/15
			Numeric value o	f quantity		
	QTY03	C001	Composite Unit	of Measure	0	
			To identify a cor	mposite unit of measure (See Figures Apper	idix 1	for examples
			of use)			
M	C00101	355		r Measurement Code	M	ID 2/2
				the units in which a value is being expressed	, or i	manner in
			03	ement has been taken 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		
			M 0	Magnetic Tapes		
			M4	Monetary Value		
			MJ	Minutes		
			MO	Months		
			MR	Meter		
			NF	Messages		
			NH	Message Hours		
			ATT	NI 1 CC		

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	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: 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 S112 or S113 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.
- 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'.

			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		
			TI Telecommunications Industry		
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	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	char	acteristics
	SI07	234	Product/Service ID	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	char	acteristics
	SI09	234	Product/Service ID	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	char	acteristics
	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 serv	rice chai	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 serv	ice 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 serv	ice 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 serv	ice 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 serv	ice char	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:** 1 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:** 1 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. 5 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 "4".

			Du	ta Element Summary		
M	Ref. <u>Des.</u> ITA01	Data Element 248	Name	on Changa Indicaton	<u>Attı</u> M	ributes ID 1/1
IVI	HAUL	240		or Charge Indicator		
			Code which	indicates an allowance or charge for the service	speci	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency Qu	alifier Code	X	ID 2/2
			Code identi	fying the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Ser	vices Code	X	ID 2/10
			Code identi	fying the special service		
			See OBF Se	ection 10.4 for a list of valid values.		
M	ITA04	331	Allowance	or Charge Method of Handling Code	M	ID 2/2
			Code indica	ating method of handling for an allowance or char	rge	
			04	Credit Customer Account		
			06	Charge to be Paid by Customer		
			ZZ	Mutually Defined		
	ITA05	341	Allowance	or Charge Number	O	AN 1/16
			The number charge	r assigned by a vendor referencing an allowance,	prom	otion, deal or
	ITA06	359	Allowance	or Charge Rate	O	R 1/15
			Allowance	or Charge Rate per Unit		

ITA07	360	Allowance or C	Charge Total Amount	o	N2 1/15
			ount for the allowance or charge		
ITA08	378		rge Percent Qualifier	O	ID 1/1
			on what basis allowance or charge percent is	s calc	ulated
		9	Late Payment Charge Base Amount		
ITA09	332	Percent	, c	X	R 1/6
		Percent express	ed as a percent		
ITA10	380	Quantity	-	X	R 1/15
		Numeric value	of quantity		
ITA11	355	Unit or Basis fo	or Measurement Code	X	ID 2/2
		Code specifying	the units in which a value is being expresse	d, or i	manner in
			ement 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	4vera	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 as	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	ies.
Not Used	ITA15	822	Source Subquali	fier	O	AN 1/15
	ITA16	662	Relationship Co	de	O	ID 1/1
			Code indicating t	he relationship between entities		
			Refer to 004010 l	Data Element Dictionary for acceptable cod	e valı	ies.
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

DTM Date/Time Reference **Segment:**

Position:

ITA Loop: 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 Elei	ment Summary		
	Ref.	Data				
N	Des.	Element 27.4	Name	e•		ributes
M	DTM01	374	Date/Time Qualit		NI	ID 3/3
				ype 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 expressed 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 Period	d Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period	ł	\mathbf{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	Code	X	ID 1/1
		Code identify	ring exemption status from sales and use tax		
		1	Yes (Tax Exempt)		
		2	No (Not Tax Exempt)		
TXI07	662	Relationship	Code	O	ID 1/1
		Code indicat	ng the relationship between entities		
		A	Add		
		D	Delete		
		O	Information Only		
TXI08	828	Dollar Basis	For Percent	O	R 1/9
		Dollar basis tax	to be used in the percent calculation of the allow	vance,	, charge or
TXI09	325	Tax Identifi	cation Number	O	AN 1/20
		•	gned to a purchaser (buyer, orderer) by a taxing often called a tax exemption number or certific		
TXI10	350	Assigned Ide	entification	O	AN 1/20
		Alphanumeri	c characters assigned for differentiation within	a tran	saction set

 $\label{eq:segment:norm} \textbf{NM1} \ \ \textbf{Individual or Organizational Name}$

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	ohe.		<u>ributes</u> ID 2/3
141	14141101	70	•	n 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	e type of entity		
			Refer to 004010 Da	ata Element Dictionary for acceptable code	valu	es.
	NM103	1035	Name Last or Org	anization Name	O	AN 1/35
			Individual last nam	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 individual	name		
	NM107	1039	Name Suffix		O	AN 1/10
			Suffix to individual	l name		
	NM108	66	Identification Cod	le Qualifier	X	ID 1/2
			Code designating th	he system/method of code structure used f	or Id	entification
			Code (67)			
				42' and '91' are the only valid values at I	I L1 (Service
			Provider Level).	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Fo	ur Cl	noroctor
			,	Suffix	ui Ci	iaracter
			10	Department of Defense Activity Address	ss Co	de
				(DODAAC)		
			33	Commercial and Government Entity (C	AGE	.)
			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 NM108 = '42' 115	se CIC Code list maintained by Lockheed	l Ma	rtin If
				Pseudo-CIC list provided in OBF Section		
Not Used	NM110	706	Entity Relationshi	*	X	ID 2/2
Not Used	NM111	98	Entity Identifier C	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 <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: 370

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.

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>		Att	<u>ributes</u>
N401	19	City Name		O	AN 2/30
		Free-form text for c	rity 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	•	\mathbf{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	\mathbf{O}	AN 1/30
		Code which identifi	ies a specific location		

Segment: PER Administrative Communications Contact

Position: 380

Loop: NM1 Optional

Level: Detail
Usage: Optional
Max Use: 3

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

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

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						
M	<u>Des.</u> PER01	Element 366	Name Contact Functi	ion Codo	Atti M	<u>ributes</u> ID 2/2		
171	LEKUI	300		g the major duty or responsibility of the personal				
			AD		OH OI	group named		
			AR	Accounting Department				
			AK BD	Accounts Receivable Department				
				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	Communicatio	n Number Qualifier	X	ID 2/2		
			Code identifyin	g 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				
			UR	Uniform Resource Locator (URL)				
	PER04	364	Communicatio	on Number	X	AN 1/80		
			Complete communications number including country or area code when applicable					
		Complete communications number including country or area code when						

applicable.

PER05	365	Communication Number Qualifier		X	ID 2/2
		Code identifying the type of communication number			
		AU	Defense Switched Network		
			This code is to be used only within the	feder	al
		EM	government.		
		EM	Electronic Mail		
		FX	Facsimile		
DED06	264	TE	Telephone	v	A NT 1/00
PER06	364	Communication N		X	AN 1/80
		applicable	ications number including country or area	Code	WHEH
PER07	365	Communication N	umber Qualifier	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 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	Communicat	ion Number	X	AN 1/80
			Complete com applicable	nmunications number including country or are	a code	when
Not Used	PER09	443	Contact Inqu	iry 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	<u>Name</u>	Attı	<u>ibutes</u>
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within	a trans	saction set
	SLN02	350	Assigned Identification	O	AN 1/20
			Alphanumeric characters assigned for differentiation within	a trans	saction set
M	SLN03	662	Relationship Code	\mathbf{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 Appelof use)	ndix f	or examples

M	C00101	355	Unit or Basis fo	or 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 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				
				in OBF Section 7.3).	er ieve	is (see ODI	
				Data Element Dictionary for acceptable cod	le valu	ies.	
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 fo	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 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		or Measurement Code	O	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		0	R 1/15	
Not Used	C00115	649	Multiplier		0	R 1/10	
	SLN06	212	Unit Price		X	R 1/17	
	CT NOT	620	=	product, service, commodity, etc.	0	TD 2/2	
	SLN07	639	Basis of Unit Pr		O	ID 2/2	
				g the type of unit price for an item			
			BD	Before Discount			
			CP CT	Current Price (Subject to Change)			
			DP	Contract Daily Price per Unit			
			PB	Daily Price per Unit 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 Co		O	ID 1/1	
	D21100	30 <u>2</u>	_	the relationship between entities	3	AA- A B	
			A	Add			
			D	Delete			
			I	Included			
			O	Information Only			
	SLN09	235	Product/Service	•	X	ID 2/2	
				g the type/source of the descriptive number u	ised in		
			Product/Service	ID (234)			
				nporarily being used for code 'WJ'.			
			SV	Service Rendered			
			VP	Vendor's (Seller's) Part Number			
			ZZ	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	of valid	values.
	SLN11	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234)	used in	1
			ZZ Mutually Defined		
	SLN12	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN13	235	Product/Service ID Qualifier	\mathbf{X}	ID 2/2
Not Used	SLN14	234	Product/Service ID	\mathbf{X}	AN 1/48
Not Used	SLN15	235	Product/Service ID Qualifier	X	ID 2/2
Not Used	SLN16	234	Product/Service ID	\mathbf{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	\mathbf{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	X	ID 2/2
Not Used	SLN24	234	Product/Service ID	X	AN 1/48
Not Used	SLN25	235	Product/Service ID Qualifier	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

Segment: SI Service Characteristic Identification

Position: 400

Loop: SLN Optional

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

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

Semantic Notes: Comments:

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

Notes:

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	•	•	
3.6	Des.	Element 550	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	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	\mathbf{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	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	char	acteristics
	SI09	234	Product/Service ID	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	char	acteristics
	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 of	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 of	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 of	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 of	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 of	char	acteristics
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.
- At least one of PID04 or PID05 is required.
 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 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 "8".

	Ref.	Data	Data Element Summary		
	Des.	Element	<u>Name</u>	Attributes	
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	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	O	ID 2/3

Segment:	CUR	Currency
Position:	420	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify	y the currence
	1 1001	TD 00 !

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

Syntax Notes: 1 If CUR08 is present, then CUR07 is required.

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

Semantic Notes:

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

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

Data Element Summary							
Ref.	Data						
Des.	Element	<u>Name</u>	Att	<u>ributes</u>			
CUR01	98	Entity Identifier Code	\mathbf{M}	ID 2/3			
		Code identifying an organizational entity, a physical locatio individual PR Payer	n, proj	perty or an			
CUR02	100	Currency Code	\mathbf{M}	ID 3/3			
		Code (Standard ISO) for country in whose currency the char	ges a	re specified			
		CAD Canada, Dollars					
		USD United States of America, Dollars					
		Early 122 and make a second ISO 4017 Common Code I	:4				
CHD03	280	· -		R 4/10			
CURUS	200		•				
		•	. IIIOII	etary value			
CUR04	98		O	ID 2/3			
		•	n, pro	perty or an			
		PE Payee					
		PM Party to receive paper Memo of Invoice	e				
		RI Remit To					
		SE Selling Party					
		SJ Service Provider					
CUR05	100	Currency Code	O	ID 3/3			
		Code (Standard ISO) for country in whose currency the char	rges ai	re specified			
	Des. CUR01 CUR02 CUR03 CUR04	Des. CUR01 Element 98 CUR02 100 CUR03 280 CUR04 98	Ref. Data Des. Element CUR01 98 Entity Identifier Code Code identifying an organizational entity, a physical location individual PR Payer CUR02 100 Currency Code Code (Standard ISO) for country in whose currency the chare CAD Canada, Dollars USD United States of America, Dollars For additional values, request ISO 4217 Currency Code Lie CUR03 280 Exchange Rate Value to be used as a multiplier conversion factor to convert from one currency to another CUR04 98 Entity Identifier Code Code identifying an organizational entity, a physical location individual PE Payee PM Party to receive paper Memo of Invoice RI Remit To SE Selling Party SJ Service Provider CUR05 100 Currency Code	Ref. Data Des. Element CUR01 98 Entity Identifier Code Code identifying an organizational entity, a physical location, proindividual PR Payer CUR02 100 Currency Code Code (Standard ISO) for country in whose currency the charges at CAD Canada, Dollars USD United States of America, Dollars USD United States of America, Dollars CUR03 280 Exchange Rate O Value to be used as a multiplier conversion factor to convert mone from one currency to another CUR04 98 Entity Identifier Code Code identifying an organizational entity, a physical location, proindividual PE Payee PM Party to receive paper Memo of Invoice RI Remit To SE Selling Party SJ Service Provider			

			~ . ~	~			
				Canada, Dollars			
			USD	Onnea States of	^c America, Dollars		
			For a	dditional values, i	request ISO 4217 Currency Code List	t.	
	CUR06	669		ency Market/Exc		0	ID 3/3
					arket upon which the currency exchang	ge ra	te is based
			IM	F Int	ternational Monetary Fund	_	
			LN	F Lo	ondon (England) Exchange - First Clos	sing	
			LN		ondon (England) Exchange - Second C	_	ıg
			NY	C Ne	ew York Foreign Exchange		
			PH		niladelphia Foreign Exchange		
			ZU		urich (Switzerland) Exchange		
	CUR07	374		Fime Qualifier	, , ,	X	ID 3/3
				_	f date or time, or both date and time		
			001		ancel After		
			003		voice		
			007		ffective		
			009		rocess		
			035		elivered		
			092		ontract Effective		
			093		ontract Expiration		
			102		sue		
			150		ervice Period Start		
			151		ervice Period End		
			152		ffective Date of Change		
			153		ervice Interruption		
			154		djustment Period Start		
			155		djustment Period End		
	CUR08	373	Date	710	agustinent i erioù End	0	DT 8/8
	CCROO	313		expressed as CCY	YMMDD	U	D1 0/0
	CUR09	337	Time	Apressed as CC I	TIVIIVIDD	0	TM 4/8
	CORO	337		everessed in 24 h	our clock time as follows: HHMM, or	_	
					MSSDD, where $H = \text{hours } (00-23), M = \frac{1}{3}$		
					conds (00-59) and $DD = decimal seconds$		
					as follows: $D = tenths (0-9)$ and $DD = 1$	hund	redths
N T 1	CIID 10	25.4	(00-99)	*		T 7	ID 2/2
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		Time Qualifier		X	ID 3/3
Not Used	CUR14	373	Date			X	DT 8/8
Not Used	CUR15	337	Time	TI 0 1404		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	T. 0		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 Summar y		
	Des.	Element	Name	A ttr	ributes
M	INC01	336	Terms Type Code		ID 2/2
141	111001	330	Code identifying type of payment terms	141	10 2/2
			04 Deferred or Installment		
M	TNICOA	C001		3.7	
M	INC02	C001	Composite Unit of Measure	M	
			To identify a composite unit of measure (See Figures Apper of use)	ndix f	or examples
M	C00101	355	Unit or Basis for Measurement Code	\mathbf{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 code.		
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		
			- 11		

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 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. 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. 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. 5 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".

				Duta Element Sammary		
M	Ref. <u>Des.</u> ITA01	Data Element 248	<u>Name</u> Allowan	ce or Charge Indicator	_	ributes ID 1/1
				ich indicates an allowance or charge for the service		-
			A	Allowance	эрссі	rica
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency	Qualifier Code	X	ID 2/2
			Code ide	entifying the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special S	Services Code	X	ID 2/10
			Code ide	entifying 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	licating 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 charge	ber assigned by a vendor referencing an allowance, j	prom	otion, deal or
	ITA06	359	Allowan	ce or Charge Rate	O	R 1/15
			Allowan	ce or Charge Rate per Unit		

ITA07	360	Allowance or C	Charge 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 percent is	s calc	ulated
		9	Late Payment Charge Base Amount		
ITA09	332	Percent	, c	X	R 1/6
		Percent express	ed as a percent		
ITA10	380	Quantity	-	X	R 1/15
		Numeric value	of quantity		
ITA11	355	Unit or Basis fo	or Measurement Code	X	ID 2/2
		Code specifying	the units in which a value is being expresse	d, or i	manner in
			ement 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		
			S 7	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 Cod	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

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. **TXI05** 956 **Tax Jurisdiction Code** X AN 1/10

Code identifying the taxing jurisdiction

TXI06	441	Tax Exempt Cod	e	\mathbf{X}	ID 1/1
		Code identifying of	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	used in the percent calculation of the allow	vance	, charge or
		tax			
TXI09	325	Tax Identificatio	n Number	O	AN 1/20
			to a purchaser (buyer, orderer) by a taxing a called a tax exemption number or certific		
TXI10	350	Assigned Identifi		O	AN 1/20
		Alphanumeric cha	racters assigned for differentiation within	a tran	saction set

Segment: REF Reference Identification

Position: 460

Loop: SLN Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

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

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

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

Semantic Notes: 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 ''8''.

	- 0		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		
			1 J	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
	DEE02	252	specified by the Ref	ion as defined for a particular Transactior Ference Identification Qualifier		
	REF03	352	Description	tion to elevify the valeted data elements	X nd the	AN 1/80
	DEE04	C040	Reference Identifie	tion to clarify the related data elements a		en content
	REF04	C040			0	24 0 00
			to identity one or n	nore reference numbers or identification i	iumbe	ers as

specified by the Reference Qualifier

M	C04001	128	Reference Identification Qualifier			ID 2/3
			Code qualifyir	ng the Reference Identification		
			1J	Facility ID Number		
			ACB	Region		
\mathbf{M}	C04002	127	Reference Ide	entification	\mathbf{M}	AN 1/30
				ormation 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 qualifyir	ng the Reference Identification		
	C04004	127	Reference Ide	entification	X	AN 1/30
				ormation as defined for a particular Transaction Reference Identification Qualifier	on 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: 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 Element Summary									
	Ref.	Data							
	Des.	Element	<u>Name</u>			<u>ributes</u>			
M	PER01	366	Contact Function		M	ID 2/2			
			Code identifying th	ne 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		O	AN 1/60			
			Free-form name						
	PER03	365	Communication N	lumber 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	feder	ral			
				government.					
			EM	Electronic Mail					
			FX	Facsimile					
			TE	Telephone					
			UR	Uniform Resource Locator (URL)					
	PER04	364	Communication N		X	AN 1/80			
			Complete commun applicable	ications number including country or area	code	when			
			Complete commun	ications number including country or ar	ea co	de when			

004010D811T4 122 November 6, 2012

applicable.

PER05	365	Communication Number Qualifier			ID 2/2
		Code identifying th	Code identifying 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	T 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	umber Oualifier	\mathbf{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 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	Communicat	ion Number	X	AN 1/80
			Complete com applicable	nmunications number including country or are	a code	when
Not Used	PER09	443	Contact Inqu	iry 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".

	- 0		Data Ele	ment Summary		
	Ref.	Data	NT.			•1
M	<u>Des.</u> DTM01	<u>Element</u> 374	Name Date/Time Qual	ifion		ributes ID 3/3
IVI	DIMINI	3/4	_		IVI	11) 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	•	X	DT 8/8
			Date expressed as	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".

			Data Eleme	ent Summary		
	Ref.	Data				
3.6	Des.	Element	Name	~ .		ibutes
M	AMT01	522	Amount Qualifier (M	ID 1/3
			Code to qualify amo			
			1	Line Item Total		
			5	Total Invoice Amount		
			6	Amount Subject to Total Monetary Disc	ount	
			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		
			СН	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.

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 ''8''.

Ref.	Data			
Des.	Element	<u>Name</u>	<u>Attı</u>	<u>ributes</u>
MSG01	933	Free-Form Message Text	M	AN 1/264
		Free-form message text		
MSG02	934	Printer Carriage Control Code	X	ID 2/2
MSG03	1470	Number	O	N0 1/9
	MSG01	Des. MSG01 Element 933 MSG02 934	Des. MSG01Element 933Name Free-Form Message Text Free-form message textMSG02934Printer Carriage Control Code	Des. MSG01Element 933Name Free-Form Message Text Free-form message textAttraction MMSG02934Printer Carriage Control CodeX

Segment: QTY Quantity

Position: 510

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

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 "8".

Data Element Summary									
	Data								
			Attributes						
QTY01	673	-	M ID 2/2						
			Discrete Quantity						
			Cumulative Quantity						
			Committed Quantity						
			Original Quantity						
			Primary Net Quantity						
			Time Frame						
			Quantity Received						
			Minimum						
			Acknowledged Quantity						
			Additional Usage Quantity						
			Allotted Usage Quantity						
			Attendant-Handled Quantity						
			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						
	Ref. Des. QTY01	Des. Element	Ref. Des. QTY01 Element 673 Name Quantity Qualifier Code specifying the 01 02 27 38 47 7K 87 8H 90 91 92 93 94 95 96 97 98 99 AA AA AB AC AD AE AF AG AH AI AJ						

			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
				posite unit of measure (See Figures Appendix for examples
3.5	C00101	255	of use)	W 10.40
M	C00101	355		Measurement Code M ID 2/2
				the units in which a value is being expressed, or manner in ment has been taken
			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	Kilonalets
			KF	Kilogachets
			KJ M0	Kilosegments Magnetic Tenes
			M0 M4	Magnetic Tapes Monetary Value
			MJ	Minutes
			MO	Months
			MR MR	Meter
			NF	Messages
			NH	Message Hours
			NΠ	N. 1. C.C.

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	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: 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:

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 '8'.

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

	Ref.	Data	•		
3.6	Des.	Element 5.50	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 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	\mathbf{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	char	acteristics
	SI07	234	Product/Service ID	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	char	acteristics
	SI09	234	Product/Service ID	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	acteristics
	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 of	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 of	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 of	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 of	char	acteristics
SI21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

NM1 Individual or Organizational Name **Segment:**

530 **Position:**

> Loop: NM1 Optional

Level: Detail Usage: Optional

Max Use:

To supply the full name of an individual or organizational entity **Purpose: Syntax Notes:** If either NM108 or NM109 is present, then the other is required.

If NM111 is present, then NM110 is required.

Semantic Notes: NM102 qualifies NM103.

Comments: 1 NM110 and NM111 further define the type of entity in NM101.

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

when HL03 is ''8''.

Data Element Summary								
	Ref.	Data						
	<u>Des.</u>	Element	Name	N 1		ributes		
M	NM101	98	Entity Identifier C			ID 2/3		
			individual	Code identifying an organizational entity, a physical location,				
				he only valid codes at HL1 (Service Provi	ider I	Level).		
			9D	New Service Provider		, .		
			AG	Agent/Agency				
			AK	AK Party to Whom Acknowledgment Should 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		M	ID 1/1		
			Code qualifying the					
				ata Element Dictionary for acceptable code	e valı	ies.		
	NM103	1035	Name Last or Org		O	AN 1/35		
				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 r	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 F Suffix	our Cl	naracter
			10	Department of Defense Activity Addre (DODAAC)	ess Co	de
			33	Commercial and Government Entity (CAGE	
			40	Electronic Mail User Code		
			41	Telecommunications Carrier Identifica	ition C	Code
			42	Telecommunications Pseudo Carrier Id	dentifi	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	\mathbf{X}	AN 2/80
			Code identifyir	ng a party or other code		
			'42' use Pseud	use CIC code list maintained by Lockheed lo-CIC list provided in OBF Section 10.4. 2' use CIC code list maintained by Lockhe		·
			NM108 = '41'	use Pseudo-CIC list provided in OBF Section	on 10.4	<i>4</i> .
Not Used	NM110	706	Entity Relatio	-	X	ID 2/2
Not Used	NM111	98	Entity Identifi	ier Code	О	ID 2/3

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 <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: 560

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.

- 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>		Att	<u>ributes</u>
N401	19	City Name		O	AN 2/30
		Free-form text for c	rity 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	•	\mathbf{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	les a specific location		

Segment: REF Reference Identification

Position: 570

Loop: NM1 Optional

Level: Detail
Usage: Optional
Max Use: 8

Purpose: To specify identifying information

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

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

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

Semantic Notes: 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 "8".

			Data Elemo	ent Summary		
	Ref.	Data				
3.6	Des.	Element 120	Name			ibutes
M	REF01	128	Reference Identific	_	M	ID 2/3
				Reference Identification		
			1J	Facility ID Number	_	
			4L	Location-specific Services Reference N	umbe	r
			6R	Provider Control Number		
			7I	Subscriber Authorization Number		
			8M	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 Identific	eation	\mathbf{X}	AN 1/30
			Reference informati	on as defined for a particular Transaction	Set o	or as
			-	erence Identification Qualifier		
	REF03	352	Description		X	AN 1/80
			•	tion to clarify the related data elements ar	nd the	ir content
	REF04	C040	Reference Identifie	er	O	
				nore reference numbers or identification n	umbe	ers as
М	C04001	120	specified by the Ref		ъ.	ID 2/2
M	C04001	128	Reference Identific	-	M	ID 2/3
				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 Transact specified by the Reference Identification Qualifier	ion Set o	or as
	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 Transact specified by the Reference Identification Qualifier	ion Set o	or as
Not Used	C04005	128	Reference Identification Qualifier	\mathbf{X}	ID 2/3
Not Used	C04006	127	Reference Identification	\mathbf{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		.	9 4	
M	<u>Des.</u> PER01	Element 366	Name Contact Function	Code		<u>ributes</u> ID 2/2	
112	LICOI	200		e major duty or responsibility of the perso			
			AD	Accounting Department		8	
			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 th	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 wit government.	thin 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	y 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	Attı	<u>ributes</u>			
TCD01	350	Assigned Identification	O	AN 1/20			
		Alphanumeric characters assigned for differentiation within a	a tran	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.

		AC City and State		
		CC Country		
		CI City		
		SP State/Province		
		ZZ Mutually Defined		
TCD05	310	Location Identifier	X	AN 1/30
1000	310	Code which identifies a specific location	A	AI 1/30
TCD06	156	State or Province Code	0	ID 2/2
10000	150	Code (Standard State/Province) as defined by appropri	_	
TCD07	309	Location Qualifier	X	ID 1/2
10201	007	Code identifying type of location	1.	12 1/2
		Code identifying the type of "FROM" location provid TCD09.		
		A value of "ZZ" indicates any point of origination/te a call that cannot be qualified by traditional geograph or Country).		
		The point of origination/termination or service that the bethe name of an aircraft, vessel, vehicle, or service originated/terminated or the service was provided. AC City and State		
		CC Country		
		CI City		
		SP State/Province		
		ZZ Mutually Defined		
TCD08	310	Location Identifier	X	AN 1/30
10200			Λ	
10200		Code which identifies a specific location	Λ	
TCD09	156	Code which identifies a specific location State or Province Code	0	ID 2/2
	156	-	0	ID 2/2
	156 739	State or Province Code	0	ID 2/2
TCD09		State or Province Code Code (Standard State/Province) as defined by appropri	O ate governm	ID 2/2 nent agency
TCD09		State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value	O ate governm O	ID 2/2 nent agency
TCD09		State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement	O ate governm O	ID 2/2 nent agency
TCD09	739	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m	O atte governm	ID 2/2 ment agency R 1/20
TCD09	739	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of n Measurement Value	O tate governm O ninutes.	ID 2/2 ment agency R 1/20
TCD09	739	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of n Measurement Value The value of the measurement	O tate governm O ninutes.	ID 2/2 ment agency R 1/20
TCD10 TCD11	739 739	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of so Monetary Amount Monetary amount	O ninutes. O econds.	ID 2/2 ment agency R 1/20
TCD10 TCD11	739 739	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of se Monetary Amount	O ninutes. O econds.	ID 2/2 ment agency R 1/20
TCD10 TCD11	739 739	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of so Monetary Amount Monetary amount Undiscounted amount. Monetary Amount	O ninutes. O econds.	ID 2/2 ment agency R 1/20
TCD10 TCD11 TCD12	739 739 782	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of se Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Monetary amount Monetary amount	O nate governm O ninutes. O econds. O	ID 2/2 ment agency R 1/20 R 1/20 R 1/18
TCD10 TCD11 TCD12 TCD13	739 739 782 782	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of so Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Monetary amount Monetary amount Net amount after a discount has been applied to the accordance of the seconds.	O nate governm O ninutes. O econds. O umount in T	ID 2/2 ment agency R 1/20 R 1/20 R 1/18 R 1/18
TCD10 TCD11 TCD12	739 739 782	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of so Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Monetary amount Net amount after a discount has been applied to the a Monetary Amount	O nate governm O ninutes. O econds. O	ID 2/2 ment agency R 1/20 R 1/20 R 1/18
TCD10 TCD11 TCD12 TCD13	739 739 782 782	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of so Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Monetary amount Net amount after a discount has been applied to the a Monetary Amount Monetary Amount Net amount after a mount	O nate governm O ninutes. O econds. O umount in T	ID 2/2 ment agency R 1/20 R 1/20 R 1/18 R 1/18
TCD09 TCD10 TCD11 TCD12 TCD13 TCD14	739 739 782 782	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of se Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Monetary amount Net amount after a discount has been applied to the a Monetary Amount Monetary amount Undiscounted amount.	O iate governm O oninutes. O econds. O amount in T	ID 2/2 ment agency R 1/20 R 1/20 R 1/18 R 1/18 CCD12. R 1/18
TCD10 TCD11 TCD12 TCD13	739 739 782 782	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of so Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Net amount after a discount has been applied to the a Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Monetary Amount Undiscounted amount. Monetary Amount Undiscounted amount. Monetary Amount	O nate governm O ninutes. O econds. O umount in T	ID 2/2 ment agency R 1/20 R 1/20 R 1/18 R 1/18
TCD09 TCD10 TCD11 TCD12 TCD13 TCD14	739 739 782 782	State or Province Code Code (Standard State/Province) as defined by appropri Measurement Value The value of the measurement Duration of call measured in minutes and tenths of m Measurement Value The value of the measurement Duration of call measured in seconds and tenths of se Monetary Amount Monetary amount Undiscounted amount. Monetary Amount Monetary amount Net amount after a discount has been applied to the a Monetary Amount Monetary amount Undiscounted amount.	O tate governm O minutes. O econds. O mount in T	ID 2/2 ment agency R 1/20 R 1/20 R 1/18 R 1/18 CCD12. R 1/18

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

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.If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI07 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either S112 or S113 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.
- 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		
Des. <u>Element</u> <u>Name</u>		<u>ibutes</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 serv	ice 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	\mathbf{X}	AN 2/2
Code from an industry code list qualifying the type of serv	ice 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 serv	ice char	acteristics
SI07 234 Product/Service ID	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 serv	ice char	acteristics
SI09 234 Product/Service ID	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 serv	ice char	acteristics
SI11 234 Product/Service ID	X	AN 1/48
Identifying number for a product or service		

		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	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		

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 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

Code identifying exemption status from sales and use tax	
1 Yes (Tax Exempt)	
2 No (Not Tax Exempt)	
TXI07 662 Relationship Code O ID	1/1
Code indicating the 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 used in the percent calculation of the allowance, charge	ge or
tax	
TXI09 325 Tax Identification Number O AN	1/20
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction county, etc.); often called a tax exemption number or certificate number	
TXI10 350 Assigned Identification O AN	1/20
Alphanumeric characters assigned for differentiation within a transaction	n set

Segment:	ITA Allowance, Charge or Service
Position:	615
Loop:	TCD Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	1 If 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.
Notes:	When submitting the 811 to any federal agency, use of the ITA segment is optional
noics.	when HL03 is "9".
	7.1000 2.1000

	T	-	Da	na Element Summar y		
М	Ref. <u>Des.</u> ITA01	Data <u>Element</u> 248	<u>Name</u> Allowance	or Charge Indicator	Attı M	ributes ID 1/1
				h indicates an allowance or charge for the service		-
			A	Allowance	speci	nea
			C			
				Charge		
			N	No Allowance or Charge		
	ITA02	559		ualifier Code	X	ID 2/2
			Code ident	ifying the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Se	rvices Code	X	ID 2/10
			Code ident	ifying the special service		
			See OBF S	Section 10.4 for a list of valid values.		
M	ITA04	331	Allowance	or Charge Method of Handling Code	M	ID 2/2
			Code indic	ating 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 Charge Number	O	AN 1/16
			The number charge	er assigned by a vendor referencing an allowance,	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 amou	nt for the allowance or charge		
ITA08	378		ge Percent Qualifier	O	ID 1/1
		_	n what basis allowance or charge percent is	s calc	ulated
		9	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
			ne units in which a value is being expressed	d, or r	nanner in
		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		
		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 the	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: QTY Quantity

Position: 617

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

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 Element Summary						
M	Ref. <u>Des.</u> QTY01	Data <u>Element</u> 673	Name Quantity Qualifier			ributes ID 2/2	
	Q-1-01	0.0	Code specifying the	type of quantity			
			01	Discrete Quantity			
			02	Cumulative Quantity			
			27	Committed Quantity			
			38	Original Quantity			
			47	Primary Net Quantity			
			7K	Time Frame			
			87	Quantity Received			
			8H	Minimum			
			90	Acknowledged Quantity			
			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			
			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			

			3.50			
			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 o		O	
				posite unit of measure (See Figures Appe	endix i	for examples
M	C00101	355	of use) Unit or Basis for	Measurement Code	M	ID 2/2
111	000101			e units in which a value is being expresse		
			which a measurem		,	
			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 Data Records		
			DQ DY	Directory Books		
			EA	Each		
			EB	Electronic Mail Boxes		
			EV	Envelope 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	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line - A	vera	ge
			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 M	Ieasurement 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 M	Ieasurement 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 M	Ieasurement 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 M	Ieasurement 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 Messag	ge	X	AN 1/30

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.
- 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 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 SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes: Comments:

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

Notes:

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.

Re		2 and 210 ment Summary		
De		Name		<u>ributes</u>
M SI	01 559	Agency Qualifier Code	M	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI	02 1000	Service Characteristics Qualifier	M	AN 2/2
		Code from an industry code list qualifying the type of service	char	acteristics
M SI	03 234	Product/Service ID	M	AN 1/48
		Identifying number for a product or service		
SI	04 1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	char	acteristics
SI	05 234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
SI	06 1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service	char	acteristics
SI	07 234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
SI	08 1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
		Code from an industry code list qualifying the type of service	char	acteristics
SI	09 234	Product/Service ID	\mathbf{X}	AN 1/48
		Identifying number for a product or service		
SI				
	10 1000	Service Characteristics Qualifier	\mathbf{X}	AN 2/2
	10 1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of services		
SI				
SI		Code from an industry code list qualifying the type of service	char	racteristics

		Code from an industry code list qualifying the type of service	char	racteristics
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	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		

 ${f USD}$ Usage-Sensitive Detail **Segment: Position:** 620 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 **Syntax Notes:** Only one of USD03 or USD04 may be present. 1 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. 2 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. The USD loop may only appear at the line detail level. **Notes:** 2. When submitting the 811 to any federal agency, use of a minimum of USD or TCD

Data Element Summary

or both is required when HL03 is "9".

	Ref.	Data		•		
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	USD01	662	Relationship Code		M	ID 1/1
			Code indicating the	relationship between entities		
			A	Add		
			D	Delete		
			I	Included		
			O	Information Only		
	USD02	350	Assigned Identifica	ation	O	AN 1/20
			Alphanumeric chara	acters assigned for differentiation within a	tran:	saction set
	USD03	118	Rate		X	R 1/9
			Rate expressed in the specified	ne standard monetary denomination for th	e curi	rency
			If both USD03 and	USD08 are present, then USD08 takes p	rece	dence.
	USD04	954	Percent		X	R 1/10
			Percentage expresse	ed as a decimal		
			Discount Percentag	ge.		
	USD05	C001	Composite Unit of	Measure	X	

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

of use)

01 430)
For examples of composite data elements, see Figures Appendix in X12
Standards

\mathbf{M}	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
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Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

		units in which a value is
λ	hich a measuremer	
	03	Seconds Packet
	12 13	
	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
	OB	Pages - Hardcony

QB Pages - Hardcopy
QH Quarter Hours
RS Resets
S6 Sessions
S7 Storage Units

SG Segment

			ТО	Telecommunications Lines in Service	e	
			UB	Telecommunications Lines in Service		age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line	e - Avera	nge
			UN	Unit		-8-
			ZZ	Mutually Defined		
Not Used	C00102	1018	Exponent		O	R 1/15
Not Used	C00103	649	Multiplier		0	R 1/10
Not Used	C00104	355	-	r 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	-	r 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	-	r 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	-	r Measurement Code	0	ID 2/2
Not Used	C00114	1018	Exponent		0	R 1/15
Not Used	C00115	649	Multiplier		0	R 1/10
1,00 0,500	USD06	380	Quantity		X	R 1/15
			Numeric value of	fauantity		
	USD07	380	Quantity	4444444	X	R 1/15
			Numeric value of	f quantity		
				usage different from the quantity of usa	ge in US	SD06.
			2. When USD07 the rate in USD0	is present, it is used in conjunction with	h USD06	and then
	USD08	782	Monetary Amou		X	R 1/18
	C5 D 00	702	Monetary amoun		28	1 1/10
	USD09	610	Amount		X	N2 1/15
	0020	010	Monetary amoun	t	12	1(2 1/10
	USD10	C001	Composite Unit		X	
			To identify a com	posite unit of measure (See Figures Ap		for examples
			of use) For examples of	composite data elements, see Figures A	nnendix	in X12
			Standards.	To the contract of the contrac	PP	
M	C00101	355	Unit or Basis for	r Measurement Code	M	ID 2/2
				the units in which a value is being expre-	ssed, or 1	manner in
				ment has been taken		
NI - 4 TI J	C00102	1010	See USD05 for co	ode list.	0	D 1/15
Not Used	C00102	1018	Exponent		0	R 1/15
Not Used	C00103	649 355	Multiplier	Magazinement Code	0	R 1/10
Not Used	C00104	355 1018		r Measurement Code	0	ID 2/2 D 1/15
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	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	
	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 is zero.			

Position: 625

Loop: USD 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.If either SI06 or SI07 is present, then the other is required.
- 3 If either S108 or S107 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either S112 or S113 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.

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

	Ref. Des.	Data <u>Element</u>	Name	Attı	<u>ributes</u>
M	SI01	559	Agency Qualifier Code	\mathbf{M}	ID 2/2
			Code identifying the agency assigning the code values		
			Refer to 004010 Data Element Dictionary for acceptable code	e valu	ies.
M	SI02	1000	Service Characteristics Qualifier	\mathbf{M}	AN 2/2
			Code from an industry code list qualifying the type of service	char	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	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		racteristics
	SI07	234	Product/Service ID	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	characteristics	
	SI09	234	Product/Service ID	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		racteristics
	SI11	234	Product/Service ID		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	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 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	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	char	racteristics
SI21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

 \mathbf{ITA} Allowance, Charge or Service **Segment: Position:** Loop: **USD** 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. 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. 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".

				Data 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	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, j	orom	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 amou	nt for the allowance or charge		
ITA08	378		ge Percent Qualifier	O	ID 1/1
		_	n what basis allowance or charge percent is	s calc	ulated
		9	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
			ne units in which a value is being expressed	d, or r	nanner in
		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	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 the	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: 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.

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		
			To identify a composite unit of measure (See Figures Appendicuse)	ndix	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	manner in	
			which a measurement has been taken		
			Equivalent units per standard unit.		
			Refer to 004010 Data Element Dictionary for acceptable code		
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	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	TRF03	380	Quantity	M	R 1/15
			Numeric value of quantity		
			Standard unit.		
M	TRF04	C001	Composite Unit of Measure	M	
			To identify a composite unit of measure (See Figures Appendicuse)	ndix 1	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 code.	2 2/01	1100
Not Used	C00102	1018	Exponent		R 1/15
Not Used	C00102 C00103	649	Multiplier	0	R 1/13
Not Used	C00103 C00104	355	Unit or Basis for Measurement Code	0	ID 2/2
Not Used	C00104 C00105	1018	Exponent	0	R 1/15
Not Used	C00105	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	C00100	649	Multiplier	0	R 1/10
Not Used	C00109 C00110	355	Unit or Basis for Measurement Code	0	ID 2/2
Not Used	C00110 C00111	1018	Exponent	0	R 1/15
Not Used	C00111 C00112	649	Multiplier	0	R 1/13 R 1/10
Not Used	C00112 C00113	355	Unit or Basis for Measurement Code	0	ID 2/2
Not Used	C00113 C00114	1018	Exponent	0	R 1/15
Not Used	C00114 C00115	649	Multiplier	0	R 1/13 R 1/10
M Sea	TRF05	380	Quantity	M	R 1/10 R 1/15
171	111103	300	Quantity	TAT	N 1/13

Numeric value of quantity

Standard unit.

Segment: QTY Quantity

Position: 650

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

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 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 q	·		
	QTY03	C001	Composite Unit of		O	
				osite unit of measure (See Figures Appe	ndix 1	for examples
M	C00101	355	of use) Unit or Resis for N	Measurement Code	M	ID 2/2
111	C00101	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	Each Electronic Mail Boxes		
			EB EV			
			F3	Envelope 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	age
			UC	Telecommunications Ports		
			UD	Tenth Minutes		
			UE	Tenth Hours		
			UF	Usage per Telecommunications Line -	Avera	ge
			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		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		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

Position: 660

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To specify service characteristic data

Syntax Notes: 1 If e

- 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 '9'.

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

	Ref.	Data	•		
3.6	Des.	Element 550	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 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	\mathbf{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	char	acteristics
	SI07	234	Product/Service ID	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	char	acteristics
	SI09	234	Product/Service ID	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	acteristics
	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	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 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: 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 segm the detail for the invoice. It does not contain the summary level.	Ţ.
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: 1

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>		Attı	<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	specif	fied
			A	Allowance		
			C	Charge		
			N	No Allowance or Charge		
	ITA02	559	Agency Qualific	er Code	\mathbf{X}	ID 2/2
			Code identifying	g the agency assigning the code values		
			TI	Telecommunications Industry		
	ITA03	560	Special Services	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	harge 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	harge Number	O	AN 1/16
			The number assi	gned by a vendor referencing an allowance, J	orom	otion, deal or
			charge			
Not Used	ITA06	359	Allowance or C	harge Rate	O	R 1/15
	ITA07	360	Allowance or C	harge 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 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	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 the	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.

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:

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	·	<u>Attı</u>	<u>ributes</u>
M	DTM01	374	Date/Tim	ne Qualifier	M	ID 3/3
			Code spec	cifying type of date or time, or both date and time		
			007	Effective		
			009	Process		
			050	Received		
	DTM02	373	Date		\mathbf{X}	DT 8/8
			Date expr	ressed as CCYYMMDD		
Not Used	DTM03	337	Time		\mathbf{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	ne 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	Data Element Summary		
	Des.	Element	Name	Attı	<u>ibutes</u>
M	REF01	128	Reference Identification Qualifier	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	X	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier		
	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		
			To identify one or more reference numbers or identification n	umb	ers as
			specified by the Reference Qualifier		
M	C04001	128	Reference Identification Qualifier	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	or as
	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 specified by the Reference Identification Qualifier	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: BAL Balance Detail

Position: 040

Loop: BAL Optional

Level: Summary Usage: Optional Max Use: 1

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

Syntax Notes: Semantic Notes: Comments:

	Ref.	Data	Duta Licino	circ Summary		
	Des.	Element	Name		Attı	ibutes
M	BAL01	951	Balance Type Code	2	M	ID 1/2
			Code indicating the	type of balance		
			A	Adjustment		
			M	Current Month		
			P	Previous Month		
M	BAL02	522	Amount Qualifier	Code	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		\mathbf{M}	R 1/18
			Monetary amount			

Position: 050

Loop: BAL Optional

Level: Summary Usage: Optional

Max Use:

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>			<u>ibutes</u>
M	DTM01	374	Date/Time Qualifi		\mathbf{M}	ID 3/3
			Code specifying typ	pe 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 expressed as 0	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		\mathbf{X}	AN 1/35

N1 Name **Segment:**

Position: 060

> 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:

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.

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

Data Element Summary								
	Ref.	Data	Nome		A 44.	uibutaa		
M	<u>Des.</u> N101	Element 98	Name Entity Identifier	Code	Atti M	<u>ributes</u> ID 2/3		
112	11101	,,	•	an organizational entity, a physical location				
			individual	an organizational entity, a project recalled	., p. o	yerey or all		
			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 F FAR 52.213-1.	'ay In	voice, per		
	N102	93	Name		X	AN 1/60		
			Free-form name					
	N103	66	Identification Co	ode Qualifier	\mathbf{X}	ID 1/2		
			Code designating Code (67)	the system/method of code structure used f	or Ide	entification		
			41	Telecommunications Carrier Identificat	ion C	Code		
			42	Telecommunications Pseudo Carrier Ide	entific	cation Code		
			91	Assigned by Seller or Seller's Agent				
	N104	67	Identification Co	ode	X	AN 2/80		
			Code identifying	a party or other code				
				se CIC code list maintained by Lockheed lo-CIC list provided in OBF Section 10.4.	Marti	in. If N103		
Not Used	N105	706	Entity Relations	hip Code	O	ID 2/2		
Not Used	N106	98	Entity Identifier	Code	O	ID 2/3		

Segment: BAL Balance Detail

Position: 070

Loop: BAL Optional

Level: Summary Usage: Optional

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	Name Balance Type Cod	e	Attr 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	ount		
			AD	Adjusted Total		
M	BAL03	782	Monetary Amount		\mathbf{M}	R 1/18
			Monetary amount			

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.

- 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:

	Def	Data	Data Eich	ient Summary		
	Ref.	Data Floment	Name		A 44.	ributes
M	<u>Des.</u> DTM01	Element 374	Date/Time Qualif	ier		ID 3/3
112	21,101	· · ·	-	pe of date or time, or both date and time	1,12	12 0/0
			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		X	DT 8/8
			Date expressed 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 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 services

Syntax Notes: 1 If ITA08 is present, then ITA09 is required.
2 If ITA15 is present, then ITA02 is required.

- If ITA15 is present, then ITA02 is required.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>		Attr	<u>ibutes</u>
M	ITA01	248	Allowance or Char	rge Indicator	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 Code			X	ID 2/10
			Code identifying the	e special service		
			See OBF Section 1	0.4 for a list of valid values.		
M	ITA04	331	Allowance or Char	rge 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	O	AN 1/16
			The number assigned	ed by a vendor referencing an allowance, p	rome	otion, deal or
			charge	_	_	
	ITA06	359	Allowance or Char	_	O	R 1/15
			Allowance or Charg	ge Rate per Unit		
	ITA07	360	Allowance or Chai	rge Total Amount	0	N2 1/15

			Total dollar amount	for the allowance or charge		
Not Used	ITA08	378	Allowance/Charge	_	0	ID 1/1
	ITA09	332	Percent		X	R 1/6
			Percent expressed a	as a percent		
	ITA10	380	Quantity	•	X	R 1/15
			Numeric value of qu	uantity		
	ITA11	355	Unit or Basis for M	-	X	ID 2/2
			Code specifying the	e units in which a value is being expressed	or n	nanner in
			which a measureme	ent 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 -	Averε	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	he relationship between entities		
			O	Information Only		
Not Used	ITA17	355	Unit or Basis for	Measurement Code	O	ID 2/2

Position: 100

Loop: ITA Optional

Level: Summary Usage: Optional

Max Use: 2

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	3. 7	·		•1
M	<u>Des.</u> DTM01	Element 374	<u>Name</u> Date/Time Qualifi	ier	Attr M	ributes ID 3/3
141	DIMIOI	374		pe of date or time, or both date and time	171	10 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		\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		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: SI Service Characteristic Identification

Position: 103

Loop: ITA Optional

Level: Summary Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 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>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	acteristics	
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	acteristics	
	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	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	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	acteristics	
	SI11	234	Product/Service ID	\mathbf{X}	AN 1/48	
			Identifying number for a product or service			
	SI12	1000	Service Characteristics Qualifier	\mathbf{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	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	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	char	racteristics
SI21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

REF Reference Identification **Segment:**

Position:

ITA Loop: Optional

Level: Summary Usage: Optional Max Use:

To specify identifying information **Purpose:**

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

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

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

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

Comments:

			Data Elen	nent Summary		
	Ref.	Data				
M	<u>Des.</u> REF01	Element 128	Name Deference Identifi	ication Qualifica		ributes ID 2/3
IVI	KEFUI	120	Reference Identifi	e Reference Identification	M	ID 2/3
			12			
				Billing Account		
			1J	Facility ID Number		
			4L	Location-specific Services Reference N	lumbe	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
			Reference informat	tion as defined for a particular Transaction	n 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		О	
			•	more reference numbers or identification	numb	ers as
M	C04001	128	specified by the Re		M	ID 2/3
171	C04001	140	Reference Identifi	e Reference Identification	IVI	11) 4/3
М	C04003	107	ACB	Region	N. /	A NI 1/20
M	C04002	127	Reference Identifi	ication	M	AN 1/30

	C04003	128	Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier Reference Identification Qualifier	n 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 Transaction specified by the Reference Identification Qualifier	n 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

 Ref. Data

 Des.
 Element
 Name
 Attributes

 M
 LX01
 554
 Assigned Number
 M N0 1/6

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.

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	2 404 2.0		
	Des.	Element	<u>Name</u>	Attr	<u>ibutes</u>
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
	REF02	127	Reference Identification	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 as	nd the	eir content
	REF04	C040	Reference Identifier	O	
			To identify one or more reference numbers or identification r specified by the Reference Qualifier	numbe	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 specified by the Reference Identification Qualifier	Set o	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	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: AMT Monetary Amount

Position: 109

Loop: AMT Optional

Level: Summary Usage: Optional

Max Use: 1

Purpose: To indicate the total monetary amount

Syntax Notes: Semantic Notes: Comments:

	Ref.	Data				
	Des.	Element	<u>Name</u>		Attı	ibutes
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

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	Duta Elen	ient Summary		
	Des.	Element	Name		Attı	ributes
M	$\overline{DTM01}$	374	Date/Time Qualif	ier	M	ID 3/3
			Code specifying ty	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	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		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.

		_	Data Diement Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>	Atti	<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	\mathbf{M}	ID 2/2
			Code indicating method of handling for an allowance or cha	rge	
			ZZ Mutually Defined		
	ITA05	341	Allowance or Charge Number	O	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 i	s calc	ılated
	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 n	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 elemen	ts and the	eir content
	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	0	ID 2/2

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 Elem			
	Des.	Element	<u>Name</u>		Attr	ibutes
M	$\overline{DTM01}$	374	Date/Time Qualifi	er	_	ID 3/3
			Code specifying typ	be 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		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

Not Used

Not Used

Not Used

CTT05

CTT06

CTT07

183

355

352

Volume

Description

			7		
	Segment:	$\mathbf{C}\mathbf{T}$	Transaction Totals		
	Position:	115			
	Loop:				
	Level:	Summar	/		
	Usage:	Optional			
	Max Use:	1			
	Purpose:		nit a hash total for a specific element in the transaction se		
	Syntax Notes:		ther CTT03 or CTT04 is present, then the other is require		
	G 4 37 4	2 If ei	ther CTT05 or CTT06 is present, then the other is require	d.	
	Semantic Notes:	1 (77)			1.
	Comments:		segment is intended to provide hash totals to validate tra- correctness.	nsaction c	ompleteness
	Notes:		correctness. ber of line items (CTT01) is the accumulation of the nu	umber of I	T1 segments.
	1,000	_ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	oe. Of the dema (C1101) is the decimal and of the his	moer of 1	z z beginerost
			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>	<u>Att</u>	<u>ributes</u>
\mathbf{M}	CTT01	354	Number of Line Items	M	N0 1/6
			Total number of line items in the transaction set		
			Number of IT1 segments in this transaction set.		
	CTT02	347	Hash Total	0	R 1/10
			Sum of values of the specified data element. All values be summed without regard to decimal points (explicit or Truncation will occur on the left most digits if the sum maximum size of the hash total of the data element.	r implicit)	or signs.
			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	s Industry	is IT104.
Not	Used CTT03	81	Weight	X	R 1/10
	Used CTT04	355	Unit or Basis for Measurement Code	X	ID 2/2
1101	Oscu C1104	333	One of Dasis for Measurement Code	Λ	11/4/4

Unit or Basis for Measurement Code

X R 1/8

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