

# 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.

## Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	ST	Transaction Set Header	M	M	1		
020	BIG	Beginning Segment for Invoice	M	M	1		
040	CUR	Currency	O		1		
050	REF	Reference Identification	O		>1		
070	ITD	Terms of Sale/Deferred Terms of Sale	O		5		
080	DTM	Date/Time Reference	O		2		
LOOP ID - N1						2	
100	N1	Name	O		1		
110	N2	Additional Name Information	O		2		
120	N3	Address Information	O		2		
130	N4	Geographic Location	O		1		
140	REF	Reference Identification	O		>1		
150	PER	Administrative Communications Contact	O		>1		

## Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - HL						>1	
010	HL	Hierarchical Level	M	M	1		n1
LOOP ID - LX						>1	
020	LX	Assigned Number	O		1		
030	SI	Service Characteristic Identification	O		8		
050	REF	Reference Identification	O		>1		
060	AMT	Monetary Amount	O		5		
070	DTM	Date/Time Reference	O		8		
080	TXI	Tax Information	O		>1		

CenturyLink

LOOP ID - NM1					>1
110	NM1	Individual or Organizational Name	O	1	n2
120	N2	Additional Name Information	O	2	
130	N3	Address Information	O	2	
140	N4	Geographic Location	O	1	
160	PER	Administrative Communications Contact	O	>1	
LOOP ID - IT1					999999
210	IT1	Baseline Item Data (Invoice)	O	1	n3
220	SI	Service Characteristic Identification	O	2	
270	DTM	Date/Time Reference	O	10	
LOOP ID - ITA					10
310	ITA	Allowance, Charge or Service	O	1	
330	TXI	Tax Information	O	>1	
LOOP ID - SLN					>1
390	SLN	Subline Item Detail	O	1	n4
400	SI	Service Characteristic Identification	O	2	
410	PID	Product/Item Description	O	200	
440	ITA	Allowance, Charge or Service	O	10	
450	TXI	Tax Information	O	>1	
460	REF	Reference Identification	O	>1	
480	DTM	Date/Time Reference	O	10	
LOOP ID - QTY					>1
510	QTY	Quantity	O	1	
520	SI	Service Characteristic Identification	O	1	
LOOP ID - TCD					>1
590	TCD	Itemized Call Detail	O	1	n5
600	SI	Service Characteristic Identification	O	2	
615	ITA	Allowance, Charge or Service	O	>1	
LOOP ID - USD					>1
620	USD	Usage-Sensitive Detail	O	1	n6

**Summary:**

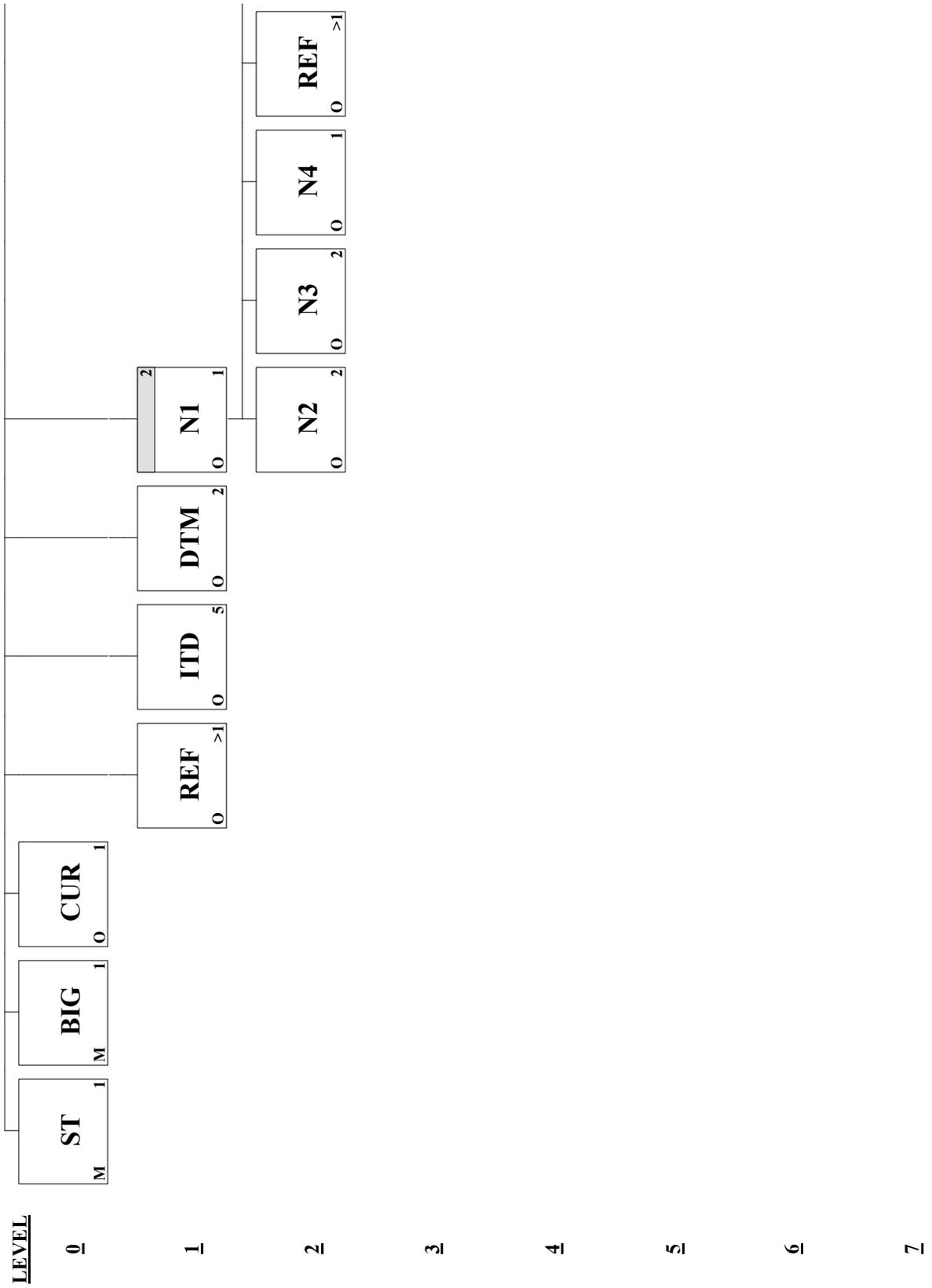
Pos. No.	Seg. ID	Name	Base Guide	User Status	Max.Use	Loop Repeat	Notes and Comments
010	TDS	Total Monetary Value Summary	M	M	1		
LOOP ID - BAL					>1		
040	BAL	Balance Detail	M	M	1		
115	CTT	Transaction Totals	M	M	1		n7
120	SE	Transaction Set Trailer	M	M	1		

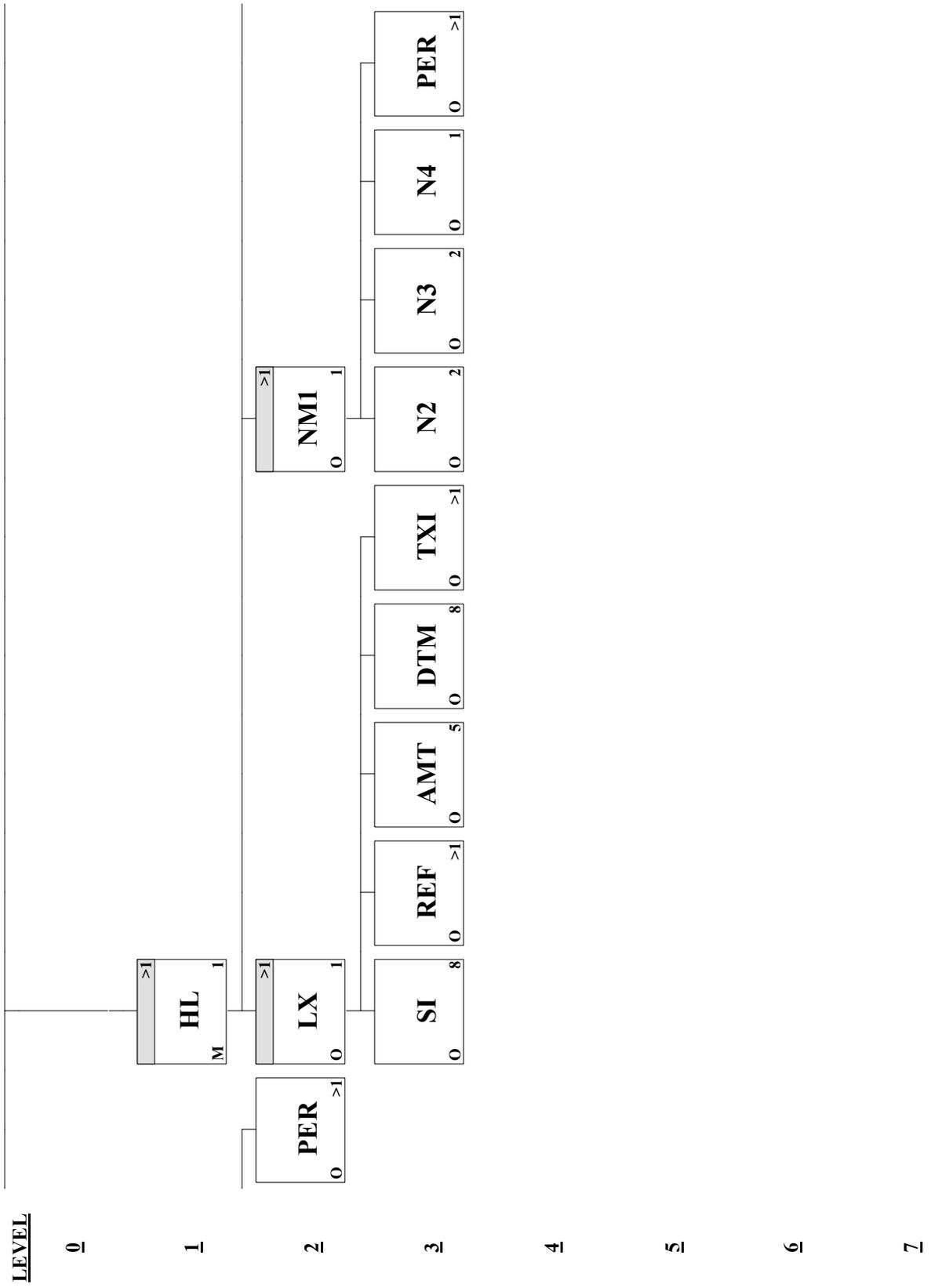
**Transaction Set Notes**

- Valid codes for HL03 to define levels for this transaction set are given below: 1 - Service/Billing Provider (Identifies the Company Providing the Service/Billing) 2 - Billing Arrangement (Identifies a Specific Billing Arrangement) 3 - Sub-billing Arrangement (Identifies a More Detailed Billing

Arrangement) 4 - Group (Identifies a Group of Charges on the Bill) 5 - Category (Identifies the Subdivision of the Group) 6 - Subcategory (Identifies a Further Breakdown of the Category) 7 - Type (Identifies a Further Breakdown of the Subcategory) 8 - Charge Detail (Identifies the Lowest Level of Charges within a Billing Arrangement) 9 - Line Detail (Identifies the Supporting Detail Associated with the Charge or Group Level) They must be used in the (hierarchical) order in which they are listed; however, certain levels are optional and may be omitted. At least one occurrence each of the service/billing provider level and group level is required.

2. When used for telecommunications billing, the service/billing provider level is defined by the NM1 loop.
3. The group level is defined by at least one occurrence of the IT1 loop which may only appear at the group level.
4. The SLN loop may only appear at the charge detail level.
5. The TCD loop may only appear at the line detail level.
6. The USD loop may only appear at the line detail level.
7. The number of line items (CTT01) is the accumulation of the number of IT1 segments.





**LEVEL**

0

1

2

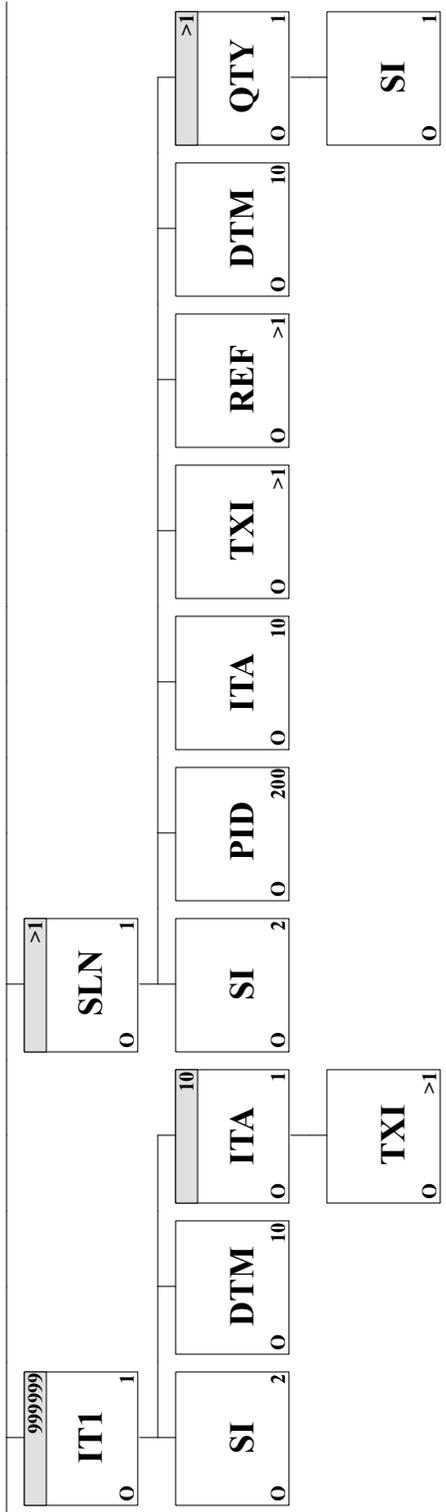
3

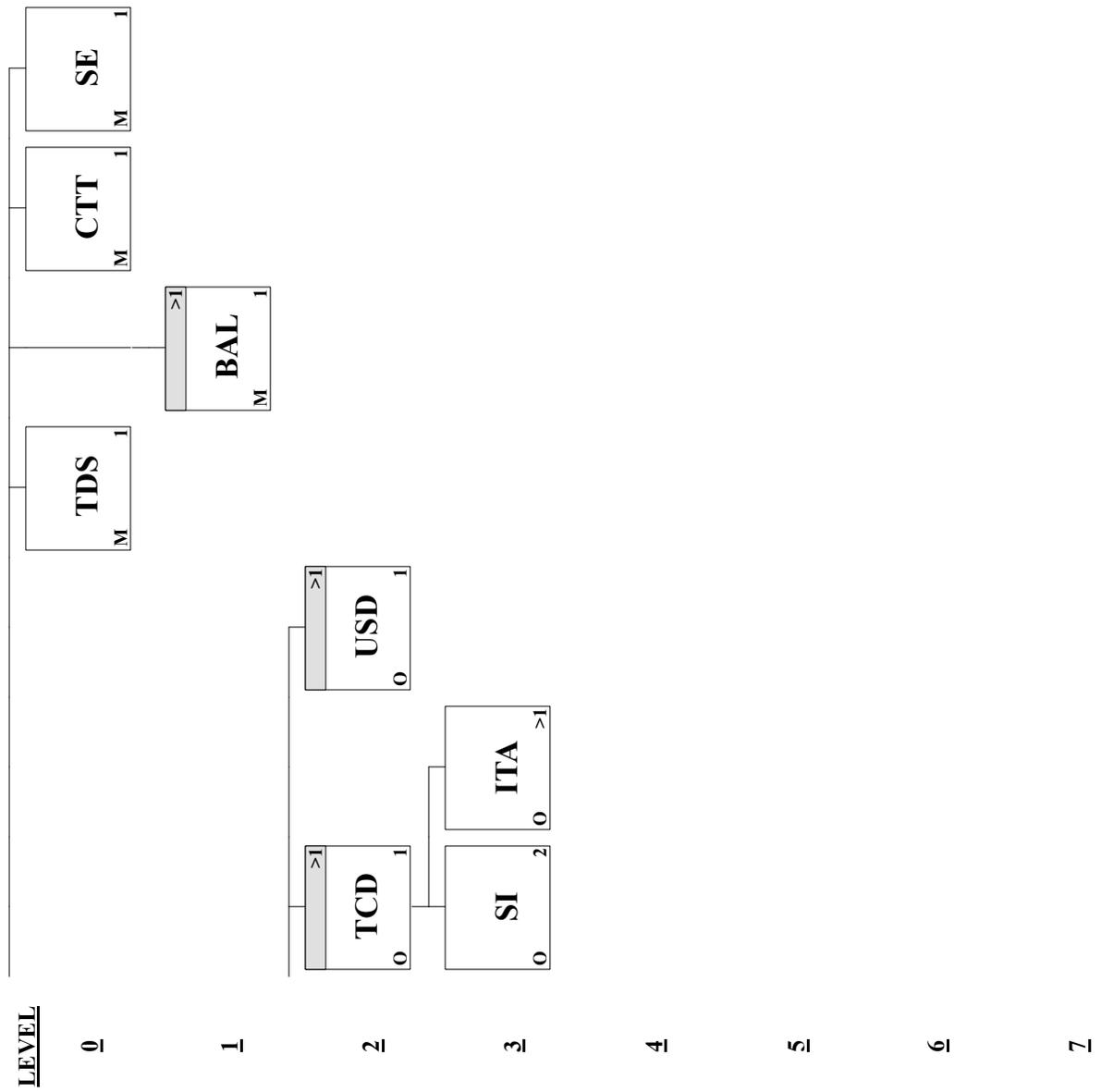
4

5

6

7





**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3	M
ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The value of this data element in ST02 in the Transaction Set Header (ST) must match the value of the same data element in SE02 of the Transaction Set Trailer (SE).	M AN 4/9	M

**Segment:** **BIG** Beginning Segment for Invoice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

**Syntax Notes:**

**Semantic Notes:**

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

**Comments:** 1 BIG07 is used only to further define the type of invoice when needed.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
BIG01	373	Date Date expressed as CCYYMMDD	M DT 8/8	M
BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22	M
BIG07	640	Transaction Type Code Code specifying the type of transaction CI Consolidated Invoice	O ID 2/2	
BIG08	353	Transaction Set Purpose Code Code identifying purpose of transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	

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

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

**Semantic Notes:**

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

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Base</b>	<b>User</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Attributes</u></b>	<b><u>Attributes</u></b>
<b>CUR01</b>	<b>98</b> <b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual PR Payer	<b>M ID 2/3</b>	<b>M</b>
<b>CUR02</b>	<b>100</b> <b>Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified See Section 10.4 USD Untied States Dollars	<b>M ID 3/3</b>	<b>M</b>
<b>CUR03</b>	<b>280</b> <b>Exchange Rate</b> Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	<b>O R 4/10</b>	
<b>CUR04</b>	<b>98</b> <b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual PE Payee	<b>O ID 2/3</b>	
<b>CUR05</b>	<b>100</b> <b>Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified See Section 10.4 USD Untied States Dollars	<b>O ID 3/3</b>	



**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**  
**Notes:** The “YN” and “14” qualifiers may be used in conjunction with the ISA/GS receiver id’s to further refine the destination of the 811 transaction set.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3	M
		14 Master Account Number Account number used to represent individual billing accounts which have been consolidated and/or summarized		
		YN Receiver ID Qualifier		
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	
REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80	

**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.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms	<b>O ID 2/2</b>	
		03 Fixed Date		
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period	<b>O ID 1/2</b>	
		3 Invoice Date		
ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	<b>O R 1/6</b>	
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due expressed in format CCYYMMDD	<b>O DT 8/8</b>	

**Segment:** **DTM** Date/Time Reference  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**  
**Notes:** To specify billing period.

**Data Element Summary**

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

- Segment:** **N1** Name
- Position:** 100
- Loop:** N1 Optional
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To identify a party by type of organization, name, and code
- Syntax Notes:**
- 1 At least one of N102 or N103 is required.
  - 2 If either N103 or N104 is present, then the other is required.
- Semantic Notes:**
- Comments:**
- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
  - 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
N101	98	<b>Entity Identifier Code</b>	M ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual		
		PE Payee		
		PR Payer		
N102	93	<b>Name</b>	X AN 1/60	
		Free-form name		
N103	66	<b>Identification Code Qualifier</b>	X ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)		
		1 D-U-N-S Number, Dun & Bradstreet		
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		40 Electronic Mail User Code		
		Identifies the Electronic Mail User locally defined and maintained between trading partners		
		41 Telecommunications Carrier Identification Code		
		Identifies the Interexchange carrier for the charges being billed		
		42 Telecommunications Pseudo Carrier Identification Code		
		A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers		
		91 Assigned by Seller or Seller's Agent		
		92 Assigned by Buyer or Buyer's Agent		
N104	67	<b>Identification Code</b>	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 Section 10.4.		

- |             |            |  |                 |
|-------------|------------|--|-----------------|
| <b>N105</b> | <b>706</b> | <b>Entity Relationship Code</b>  | <b>O ID 2/2</b> |
|             |            | Code describing entity relationship<br>Refer to 004010 Data Element Dictionary for acceptable code values.   |                 |
| <b>N106</b> | <b>98</b>  | <b>Entity Identifier Code</b>  | <b>O ID 2/3</b> |
|             |            | Code identifying an organizational entity, a physical location, property or an individual<br>Refer to 004010 Data Element Dictionary for acceptable code values. |                 |

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

**Data Element Summary**

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

**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:**

**Data Element Summary**

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

**Segment:** **N4 Geographic Location**  
**Position:** 130  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.  
**Notes:** Notes: N405/N406 is to be used when the input data is not available as individual data elements.

**Data Element Summary**

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

**Segment:** **REF** Reference Identification

**Position:** 140

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

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

**Comments:**

**Notes:** The "V0" id can be used to reference the version of the system software that has generated the consolidated invoice.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification V0 Version	M ID 2/3	M
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	
REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80	

**Segment:** **PER Administrative Communications Contact**  
**Position:** 150  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

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

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
PER01	366	<b>Contact Function Code</b>	M ID 2/2	M
		Code identifying the major duty or responsibility of the person or group named		
		AR Accounts Receivable Department		
		BI Bill Inquiry Contact		
		Service Provider contact for making inquires about information on the invoice		
		OD Order Department		
		TR Technical Marketing Representative		
PER02	93	<b>Name</b>	O AN 1/60	
		Free-form name		
PER03	365	<b>Communication Number Qualifier</b>	X ID 2/2	
		Code identifying the type of communication number		
		EM Electronic Mail		
		FX Facsimile		
		TE Telephone		
PER04	364	<b>Communication Number</b>	X AN 1/80	
		Complete communications number including country or area code when applicable		
PER05	365	<b>Communication Number Qualifier</b>	X ID 2/2	
		Code identifying the type of communication number		
		EM Electronic Mail		
		FX Facsimile		
		TE Telephone		
PER06	364	<b>Communication Number</b>	X AN 1/80	
		Complete communications number including country or area code when applicable		
PER07	365	<b>Communication Number Qualifier</b>	X ID 2/2	

CenturyLink

Code identifying the type of communication number

EM Electronic Mail

FX Facsimile

TE Telephone

**PER08 364 Communication Number X AN 1/80**

Complete communications number including country or area code when applicable

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

**Syntax Notes:**

**Semantic Notes:**

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

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
HL01	628	<b>Hierarchical ID Number</b>	<b>M AN 1/12 M</b>
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
HL02	734	<b>Hierarchical Parent ID Number</b>	<b>O AN 1/12</b>
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
HL03	735	<b>Hierarchical Level Code</b>	<b>M ID 1/2 M</b>
		Code defining the characteristic of a level in a hierarchical structure	
		1	Service/Billing Provider Code identifying the telecommunications company providing service/billing
		2	Billing Arrangement Code identifying a specified billing arrangement

CenturyLink

- 3 Sub-Billing Arrangement  
Code identifying a more detailed billing arrangement
- 4 Group  
Code identifying a group of charges on the bill
- 5 Category  
Code identifying the sub-division of the group
- 6 Sub-Category  
Code identifying a further breakdown of the category
- 7 Type  
Code identifying a further breakdown of the sub-category
- 8 Charge Detail  
Code identifying the lowest level of charges within a billing arrangement
- 9 Line Detail  
Code identifying the supporting detail associated with the charge or group

**HL04**      **736**      **Hierarchical Child Code**      **O ID 1/1**  
Code indicating if there are hierarchical child data segments subordinate to the level being described  
Refer to 004010 Data Element Dictionary for acceptable code values.

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

**Data Element Summary**

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

**Segment:** **SI Service Characteristic Identification**

**Position:** 030

**Loop:** LX Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 8

**Purpose:** To specify service characteristic data

**Syntax Notes:**

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

**Semantic Notes:**

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

**Notes:** See Section 10.4 for valid values when using data element 1000/234 pairs.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code	M ID 2/2	M
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
SI02	1000	Service Characteristics Qualifier	M AN 2/2	M
		Code from an industry code list qualifying the type of service characteristics		
		When "BS" is used for Billing Structure then element 234 will contain the Level 3 tag for structuring the levels. (i.e. "Adjustments", "Account", "Voice", "Data", "Audio Conferencing", "North America", "Latam", "All Sub Regions", ...)		
SI03	234	Product/Service ID	M AN 1/48	M
		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 characteristics		
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 characteristics		
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		

<b>SI09</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI10</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI11</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI12</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI13</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI14</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI15</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI16</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI17</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI18</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI19</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI20</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI21</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>

**Segment:** **REF** **Reference Identification**  
**Position:** 050  
**Loop:** LX Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3	M
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	
REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80	
REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3	M
C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30	M
C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3	
C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30	
C04005	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3	

**C04006**

**127**

**Reference Identification**

**X AN 1/30**

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

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

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
AMT01	522	<b>Amount Qualifier Code</b> Code to qualify amount PB Billed Amount Total amount due on the period bill	<b>M ID 1/3</b>	<b>M</b>
AMT02	782	<b>Monetary Amount</b> Monetary amount	<b>M R 1/18</b>	<b>M</b>

**Segment:** **DTM** Date/Time Reference  
**Position:** 070  
**Loop:** LX Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 8  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374	M ID 3/3	M
	<b>Date/Time Qualifier</b>		
	Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.		
DTM02	373	X DT 8/8	
	<b>Date</b>		
	Date expressed as CCYYMMDD		
DTM03	337	X TM 4/8	
	<b>Time</b>		
	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)		
DTM04	623	O ID 2/2	
	<b>Time Code</b>		
	Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.		
DTM05	1250	X ID 2/3	
	<b>Date Time Period Format Qualifier</b>		
	Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.		
DTM06	1251	X AN 1/35	
	<b>Date Time Period</b>		
	Expression of a date, a time, or range of dates, times or dates and times		

**Segment:** **TXI** Tax Information

**Position:** 080

**Loop:** LX Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify tax information

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

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

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	M
TXI02	782	<b>Monetary Amount</b> Monetary amount	X R 1/18	
TXI03	954	<b>Percent</b> Percentage expressed as a decimal	X R 1/10	
TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2	
TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction	X AN 1/10	
TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1	
TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1	
TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9	
TXI09	325	<b>Tax Identification Number</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	O AN 1/20	

<b>TXI10</b>	<b>350</b>	<b>Assigned Identification</b>	<b>O AN 1/20</b>
		Alphanumeric characters assigned for differentiation within a transaction set	

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

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
NM101	98	M ID 2/3	M
	<b>Entity Identifier Code</b>		
	Code identifying an organizational entity, a physical location, property or an individual		
	KM Coordinator		
	SJ Service Provider		
	Identifies name and address information as pertaining to a service provider for which billing is being rendered		
NM102	1065	M ID 1/1	M
	<b>Entity Type Qualifier</b>		
	Code qualifying the type of entity		
	4 Corporation		
NM103	1035	O AN 1/35	
	<b>Name Last or Organization Name</b>		
	Individual last name or organizational name		
NM104	1036	O AN 1/25	
	<b>Name First</b>		
	Individual first name		
NM105	1037	O AN 1/25	
	<b>Name Middle</b>		
	Individual middle name or initial		
NM106	1038	O AN 1/10	
	<b>Name Prefix</b>		
	Prefix to individual name		
NM107	1039	O AN 1/10	
	<b>Name Suffix</b>		
	Suffix to individual name		
NM108	66	X ID 1/2	
	<b>Identification Code Qualifier</b>		
	Code designating the system/method of code structure used for Identification Code (67)		
	Code (67) Code values '41', '42', and '91' are the only valid values at HL1 (Service Provider).		
	Refer to 004010 Data Element Dictionary for acceptable code values.		
NM109	67	X AN 2/80	
	<b>Identification Code</b>		
	Code identifying a party or other code		

## CenturyLink

If NM108 = "41" - Use CIC code list maintained by Lockheed Martin.  
If NM108 = "42" - Use Pseudo-CIC list provided in Section 10.4.

**Segment:** **N2 Additional Name Information**  
**Position:** 120  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

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

**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:**

**Data Element Summary**

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

**Segment:** **N4 Geographic Location**  
**Position:** 140  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Base</b>	<b>User</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
N401	19	<b>City Name</b> Free-form text for city name	<b>O AN 2/30</b>
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	<b>O ID 2/2</b>
N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	<b>O ID 3/15</b>
N404	26	<b>Country Code</b> Code identifying the country	<b>O ID 2/3</b>
N405	309	<b>Location Qualifier</b> Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X ID 1/2</b>
N406	310	<b>Location Identifier</b> Code which identifies a specific location	<b>O AN 1/30</b>

**Segment:** **PER Administrative Communications Contact**  
**Position:** 160  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

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

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
PER01	366	<b>Contact Function Code</b>	<b>M ID 2/2</b>	<b>M</b>
		Code identifying the major duty or responsibility of the person or group named		
		BD Buyer Name or Department		
PER02	93	<b>Name</b>	<b>O AN 1/60</b>	
		Free-form name		
PER03	365	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>	
		Code identifying the type of communication number		
		EM Electronic Mail		
		FX Facsimile		
		TE Telephone		
PER04	364	<b>Communication Number</b>	<b>X AN 1/80</b>	
		Complete communications number including country or area code when applicable		
PER05	365	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>	
		Code identifying the type of communication number		
		EM Electronic Mail		
		FX Facsimile		
		TE Telephone		
PER06	364	<b>Communication Number</b>	<b>X AN 1/80</b>	
		Complete communications number including country or area code when applicable		
PER07	365	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>	
		Code identifying the type of communication number		
		EM Electronic Mail		
		FX Facsimile		
		TE Telephone		



**Segment:** **IT1** **Baseline Item Data (Invoice)**  
**Position:** 210  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

- Syntax Notes:**
- 1 If any of IT102 IT103 or IT104 is present, then all are required.
  - 2 If either IT106 or IT107 is present, then the other is required.
  - 3 If either IT108 or IT109 is present, then the other is required.
  - 4 If either IT110 or IT111 is present, then the other is required.
  - 5 If either IT112 or IT113 is present, then the other is required.
  - 6 If either IT114 or IT115 is present, then the other is required.
  - 7 If either IT116 or IT117 is present, then the other is required.
  - 8 If either IT118 or IT119 is present, then the other is required.
  - 9 If either IT120 or IT121 is present, then the other is required.
  - 10 If either IT122 or IT123 is present, then the other is required.
  - 11 If either IT124 or IT125 is present, then the other is required.

**Semantic Notes:** 1 IT101 is the purchase order line item identification.

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

**Notes:** The HL 4 loop is defined by at least one occurrence of the IT1 loop. The IT1 loop may only appear at Level 4.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
IT101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20	
IT102	358	<b>Quantity Invoiced</b> Number of units invoiced (supplier units)	X R 1/10	
IT103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each M4 Monetary Value MO Months	X ID 2/2	
IT104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17	
IT105	639	<b>Basis of Unit Price Code</b>	O ID 2/2	

CenturyLink

Code identifying the type of unit price for an item

- BD Before Discount  
Full amount for the service prior to application of any appropriate discounts
- CP Current Price (Subject to Change)
- CT Contract
- PE Price per Each
- PM Monthly Price Per Unit
- TE Contract Price per Each

<b>IT106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		SV	Service Rendered
<b>IT107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>IT108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>IT109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	

- Segment:** **SI** Service Characteristic Identification
- Position:** 220
- Loop:** IT1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 2
- Purpose:** To specify service characteristic data
- Syntax Notes:**
- 1 If either SI04 or SI05 is present, then the other is required.
  - 2 If either SI06 or SI07 is present, then the other is required.
  - 3 If either SI08 or SI09 is present, then the other is required.
  - 4 If either SI10 or SI11 is present, then the other is required.
  - 5 If either SI12 or SI13 is present, then the other is required.
  - 6 If either SI14 or SI15 is present, then the other is required.
  - 7 If either SI16 or SI17 is present, then the other is required.
  - 8 If either SI18 or SI19 is present, then the other is required.
  - 9 If either SI20 or SI21 is present, then the other is required.
- Semantic Notes:**
- Comments:** 1 SI01 defines the source for each of the service characteristics qualifiers.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	Agency Qualifier Code	M ID 2/2	M
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
SI02	1000	Service Characteristics Qualifier	M AN 2/2	M
		Code from an industry code list qualifying the type of service characteristics		
		When "BS" is used for Billing Structure then element 234 will contain the Level 3 tag for structuring the levels. (i.e. "Adjustments", "Account", "Voice", "Data", "North America", "Latam", "All Sub Regions", ...)		
SI03	234	Product/Service ID	M AN 1/48	M
		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 characteristics		
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 characteristics		
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		

<b>SI09</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI10</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI11</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI12</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI13</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI14</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI15</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI16</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI17</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI18</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI19</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>SI20</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X AN 2/2</b>
<b>SI21</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>

**Segment:** **DTM** Date/Time Reference  
**Position:** 270  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
DTM01	374	<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>	<b>M</b>
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.		
DTM02	373	<b>Date</b>	<b>X DT 8/8</b>	
		Date expressed as CCYYMMDD		
DTM03	337	<b>Time</b>	<b>X TM 4/8</b>	
		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)		
DTM04	623	<b>Time Code</b>	<b>O ID 2/2</b>	
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.		
DTM05	1250	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>	
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.		
DTM06	1251	<b>Date Time Period</b>	<b>X AN 1/35</b>	
		Expression of a date, a time, or range of dates, times or dates and times		

- Segment:** **ITA** Allowance, Charge or Service
- Position:** 310
- Loop:** ITA Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify allowances, charges, or services
- Syntax Notes:**
- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
  - 2 If ITA08 is present, then ITA09 is required.
  - 3 If either ITA10 or ITA11 is present, then the other is required.
  - 4 If ITA15 is present, then ITA02 is required.
  - 5 If ITA17 is present, then ITA12 is required.
- Semantic Notes:**
- 1 ITA09 is the allowance or charge percent.
  - 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
  - 3 ITA12 is the quantity of free goods.
- Comments:**
- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
  - 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
  - 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
  - 4 ITA13 is used to clarify the allowance, charge, or service.
  - 5 ITA15 specifies the individual code list of the agency specified in ITA02.
  - 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
ITA01	248	M ID 1/1	M
	<b>Allowance or Charge Indicator</b>		
	Code which indicates an allowance or charge for the service specified		
	A	Allowance	
	C	Charge	
	N	No Allowance or Charge	
ITA02	559	X ID 2/2	
	<b>Agency Qualifier Code</b>		
	Code identifying the agency assigning the code values		
	TI	Telecommunications Industry	
ITA03	560	X ID 2/10	
	<b>Special Services Code</b>		
	Code identifying the special service		
	Refer to 004010 Data Element Dictionary for acceptable code values.		
ITA04	331	M ID 2/2	M
	<b>Allowance or Charge Method of Handling Code</b>		
	Code indicating method of handling for an allowance or charge		
	04	Credit Customer Account	
	06	Charge to be Paid by Customer	

		ZZ	Mutually Defined	
<b>ITA05</b>	<b>341</b>	<b>Allowance or Charge Number</b>		<b>O AN 1/16</b>
		The number assigned by a vendor referencing an allowance, promotion, deal or charge		
		P Payment		
		M MRC		
		N NRC		
		C Charge		
		D Discount, Credit		
		S Surcharge		
		T Tax		
		O Other		
		R Regulatory Fee		
<b>ITA07</b>	<b>360</b>	<b>Allowance or Charge Total Amount</b>		<b>O N2 1/15</b>
		Total dollar amount for the allowance or charge		
<b>ITA08</b>	<b>378</b>	<b>Allowance/Charge Percent Qualifier</b>		<b>O ID 1/1</b>
		Code indicating on what basis allowance or charge percent is calculated		
		9	Late Payment Charge Base Amount	
			Amount outstanding after the past due date, and subject to a late payment charge	
<b>ITA09</b>	<b>332</b>	<b>Percent</b>		<b>X R 1/6</b>
		Percent expressed as a percent		
<b>ITA11</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>X ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>ITA12</b>	<b>380</b>	<b>Quantity</b>		<b>X R 1/15</b>
		Numeric value of quantity		
<b>ITA13</b>	<b>352</b>	<b>Description</b>		<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content		
<b>ITA14</b>	<b>150</b>	<b>Special Charge or Allowance Code</b>		<b>X ID 3/3</b>
		Code identifying type of special charge or allowance		
		See Section 10.4 for valid values.		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>ITA16</b>	<b>662</b>	<b>Relationship Code</b>		<b>O ID 1/1</b>
		Code indicating the relationship between entities		
		T is only valid at HLs 4 - 9.		
		A	Add	
		I	Included	
		O	Information Only	
			Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)	
<b>ITA17</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>

## CenturyLink

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

Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** **TXI** Tax Information

**Position:** 330

**Loop:** ITA Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify tax information

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

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

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
TXI01	963	M ID 2/2	M
	<b>Tax Type Code</b>		
	Code specifying the type of tax		
	FD Federal Tax		
	Usage tax imposed by federal (US and Canadian) government		
	SL State and Local Tax		
	State and Local tax funds, exclusive of State and Local Sales tax		
	VA Value Added Tax		
TXI02	782	X R 1/18	
	<b>Monetary Amount</b>		
	Monetary amount		
TXI03	954	X R 1/10	
	<b>Percent</b>		
	Percentage expressed as a decimal		
TXI04	955	X ID 2/2	
	<b>Tax Jurisdiction Code Qualifier</b>		
	Code identifying the source of the data used in tax jurisdiction code		
	CD Customer defined		
	VD Vendor defined		
	VE Vertex		
TXI05	956	X AN 1/10	
	<b>Tax Jurisdiction Code</b>		
	Code identifying the taxing jurisdiction		
TXI06	441	X ID 1/1	
	<b>Tax Exempt Code</b>		
	Code identifying exemption status from sales and use tax		
	1 Yes (Tax Exempt)		
	2 No (Not Tax Exempt)		
	5 Exempt (Not For Resale)		

CenturyLink

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

- Segment:** **SLN Subline Item Detail**
- Position:** 390
- Loop:** SLN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify product subline detail item data
- Syntax Notes:**
- 1 If either SLN04 or SLN05 is present, then the other is required.
  - 2 If SLN07 is present, then SLN06 is required.
  - 3 If SLN08 is present, then SLN06 is required.
  - 4 If either SLN09 or SLN10 is present, then the other is required.
  - 5 If either SLN11 or SLN12 is present, then the other is required.
  - 6 If either SLN13 or SLN14 is present, then the other is required.
  - 7 If either SLN15 or SLN16 is present, then the other is required.
  - 8 If either SLN17 or SLN18 is present, then the other is required.
  - 9 If either SLN19 or SLN20 is present, then the other is required.
  - 10 If either SLN21 or SLN22 is present, then the other is required.
  - 11 If either SLN23 or SLN24 is present, then the other is required.
  - 12 If either SLN25 or SLN26 is present, then the other is required.
  - 13 If either SLN27 or SLN28 is present, then the other is required.
- Semantic Notes:**
- 1 SLN01 is the identifying number for the subline item.
  - 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
  - 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
  - 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
- Comments:**
- 1 See the Data Element Dictionary for a complete list of IDs.
  - 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
  - 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SLN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>M AN 1/20</b>	<b>M</b>
SLN02	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>O AN 1/20</b>	
SLN03	662	<b>Relationship Code</b> Code indicating the relationship between entities	<b>M ID 1/1</b>	<b>M</b>
		I Included		

SLN04	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
SLN05	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	X	
C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken M4 Monetary Value	M	ID 2/2 M
C00102	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
C00103	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
SLN06	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X	R 1/17
SLN07	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
SLN08	662	<b>Relationship Code</b> Code indicating the relationship between entities A Add I Included O Information Only Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)	O	ID 1/1
SLN09	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) ZZ Mutually Defined	X	ID 2/2
SLN10	234	<b>Product/Service ID</b> Identifying number for a product or service If SLN09 = 'SV' see Section 10.4 for valid values.	X	AN 1/48
SLN11	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) A value of 'ZZ' indicates Service Alias	X	ID 2/2
SLN12	234	<b>Product/Service ID</b> Identifying number for a product or service See Section 10.4 for valid values.	X	AN 1/48
SLN13	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service	X	ID 2/2

ID (234)

A value of 'ZZ' indicates Service Location Number

Refer to 004010 Data Element Dictionary for acceptable code values.

**SLN14**

**234**

**Product/Service ID**

**X AN 1/48**

Identifying number for a product or service

**Segment:** **SI Service Characteristic Identification**

**Position:** 400

**Loop:** SLN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify service characteristic data

**Syntax Notes:**

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

**Semantic Notes:**

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

**Notes:** See Section 10.4 for valid values when using data element 1000/234 pairs.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	M
SI02	1000	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics CN Circuit Number OD Other Charges and Description Code	M AN 2/2	M
SI03	234	<b>Product/Service ID</b> Identifying number for a product or service	M AN 1/48	M
SI04	1000	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics PQ - Major Product Code SQ - Sub-Product Code CK - Circuit Location	X AN 2/2	
SI05	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48	
SI06	1000	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	X AN 2/2	
SI07	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48	

<b>SI08</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X</b>	<b>AN 2/2</b>
<b>SI09</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>SI10</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X</b>	<b>AN 2/2</b>
<b>SI11</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>SI12</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X</b>	<b>AN 2/2</b>
<b>SI13</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>SI14</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X</b>	<b>AN 2/2</b>
<b>SI15</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>SI16</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X</b>	<b>AN 2/2</b>
<b>SI17</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>SI18</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X</b>	<b>AN 2/2</b>
<b>SI19</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>SI20</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>X</b>	<b>AN 2/2</b>
<b>SI21</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>

- Segment:** **PID** **Product/Item Description**
- Position:** 410
- Loop:** SLN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 200
- Purpose:** To describe a product or process in coded or free-form format
- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
  - 2 At least one of PID04 or PID05 is required.
  - 3 If PID07 is present, then PID03 is required.
  - 4 If PID08 is present, then PID04 is required.
  - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
  - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - 3 PID07 specifies the individual code list of the agency specified in PID03.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
PID01	349	M ID 1/1	M
	<b>Item Description Type</b>		
	Code indicating the format of a description		
	Refer to 004010 Data Element Dictionary for acceptable code values.		
PID02	750	O ID 2/3	
	<b>Product/Process Characteristic Code</b>		
	Code identifying the general class of a product or process characteristic		
	Refer to 004010 Data Element Dictionary for acceptable code values.		
PID03	559	X ID 2/2	
	<b>Agency Qualifier Code</b>		
	Code identifying the agency assigning the code values		
	Refer to 004010 Data Element Dictionary for acceptable code values.		
PID04	751	X AN 1/12	
	<b>Product Description Code</b>		
	A code from an industry code list which provides specific data about a product characteristic		
PID05	352	X AN 1/80	
	<b>Description</b>		
	A free-form description to clarify the related data elements and their content		
PID06	752	O ID 2/2	
	<b>Surface/Layer/Position Code</b>		
	Code indicating the product surface, layer or position that is being described		

<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b>	<b>O AN 1/15</b>
		Refer to 004010 Data Element Dictionary for acceptable code values. A reference that indicates the table or text maintained by the Source Qualifier	
<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b>	<b>O ID 1/1</b>
		Code indicating a Yes or No condition or response Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>PID09</b>	<b>819</b>	<b>Language Code</b>	<b>O ID 2/3</b>
		Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

- Segment:** **ITA** Allowance, Charge or Service
- Position:** 440
- Loop:** SLN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 10
- Purpose:** To specify allowances, charges, or services
- Syntax Notes:**
- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
  - 2 If ITA08 is present, then ITA09 is required.
  - 3 If either ITA10 or ITA11 is present, then the other is required.
  - 4 If ITA15 is present, then ITA02 is required.
  - 5 If ITA17 is present, then ITA12 is required.
- Semantic Notes:**
- 1 ITA09 is the allowance or charge percent.
  - 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
  - 3 ITA12 is the quantity of free goods.
- Comments:**
- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
  - 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
  - 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
  - 4 ITA13 is used to clarify the allowance, charge, or service.
  - 5 ITA15 specifies the individual code list of the agency specified in ITA02.
  - 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
ITA01	248	<b>Allowance or Charge Indicator</b>	M ID 1/1	M
		Code which indicates an allowance or charge for the service specified		
		A Allowance		
		C Charge		
		N No Allowance or Charge		
ITA02	559	<b>Agency Qualifier Code</b>	X ID 2/2	
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
ITA03	560	<b>Special Services Code</b>	X ID 2/10	
		Code identifying the special service		
		See Section 10.4 for valid values.		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
ITA04	331	<b>Allowance or Charge Method of Handling Code</b>	M ID 2/2	M
		Code indicating method of handling for an allowance or charge		
		04 Credit Customer Account		

		06	Charge to be Paid by Customer	
		ZZ	Mutually Defined	
<b>ITA05</b>	<b>341</b>	<b>Allowance or Charge Number</b>		<b>O AN 1/16</b>
		The number assigned by a vendor referencing an allowance, promotion, deal or charge		
		Allowance or Charge Number will be a combination of these code lists. Code List 1:		
		M Monthly Recurring Charge		
		N Non-Recurring Charge		
		R Regulatory Fee		
		D Discount, Credit		
		T Tax		
		Code List 2:		
		1 Monthly Charge		
		2 Monthly Discount		
		3 Prorated Charge		
		4 Prorated Discount		
		5 USF		
		6 CRF		
		7 State and Local Taxes		
		8 Federal Excise Tax		
<b>ITA07</b>	<b>360</b>	<b>Allowance or Charge Total Amount</b>		<b>O N2 1/15</b>
		Total dollar amount for the allowance or charge		
<b>ITA08</b>	<b>378</b>	<b>Allowance/Charge Percent Qualifier</b>		<b>O ID 1/1</b>
		Code indicating on what basis allowance or charge percent is calculated		
		9	Late Payment Charge Base Amount	
			Amount outstanding after the past due date, and subject to a late payment charge	
<b>ITA09</b>	<b>332</b>	<b>Percent</b>		<b>X R 1/6</b>
		Percent expressed as a percent		
<b>ITA10</b>	<b>380</b>	<b>Quantity</b>		<b>X R 1/15</b>
		Numeric value of quantity		
<b>ITA11</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>X ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>ITA13</b>	<b>352</b>	<b>Description</b>		<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content		
<b>ITA14</b>	<b>150</b>	<b>Special Charge or Allowance Code</b>		<b>X ID 3/3</b>
		Code identifying type of special charge or allowance		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>ITA16</b>	<b>662</b>	<b>Relationship Code</b>		<b>O ID 1/1</b>
		Code indicating the relationship between entities		
		T is only valid at HLs 4 - 9.		
		A	Add	

I Included

O Information Only

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

**ITA17**

**355**

**Unit or Basis for Measurement Code**

**O ID 2/2**

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

Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** **TXI Tax Information**

**Position:** 450

**Loop:** SLN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify tax information

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

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

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
TXI01	963	<b>Tax Type Code</b>	M ID 2/2	M
		Code specifying the type of tax		
		FD Federal Tax		
		Usage tax imposed by federal (US and Canadian) government		
		SL State and Local Tax		
		State and Local tax funds, exclusive of State and Local Sales tax		
		TX All Taxes		
		Total of all applicable taxes		
TXI02	782	<b>Monetary Amount</b>	X R 1/18	
		Monetary amount		
TXI03	954	<b>Percent</b>	X R 1/10	
		Percentage expressed as a decimal		
TXI04	955	<b>Tax Jurisdiction Code Qualifier</b>	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	<b>Tax Jurisdiction Code</b>	X AN 1/10	
		Code identifying the taxing jurisdiction		
TXI06	441	<b>Tax Exempt Code</b>	X ID 1/1	
		Code identifying exemption status from sales and use tax		
		1 Yes (Tax Exempt)		
		2 No (Not Tax Exempt)		
		5 Exempt (Not For Resale)		
		8 Exempt (Sale to U.S. Government)		

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

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

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

**Semantic Notes:**

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

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	<b>M ID 2/3</b>	<b>M</b>
		08 Carrier Assigned Package Identification Number A reference number assigned by a carrier to uniquely identify a single package		
		10 Account Managers Code Identifies the telecommunications manager assigned to this account		
		17 Client Reporting Category Code assigned by the client to categorize participants for reporting requirements		
		18 Plan Number The unique identification number assigned for a defined contribution plan		
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/30</b>	
		Possible values when Reference Identification Qualifier is "08". <ol style="list-style-type: none"> <li>1 Ready Access</li> <li>2 Web Meeting</li> <li>3 eMeeting</li> <li>4 Event, Event Express, Auto Event and Post View</li> <li>5 MSLM (Microsoft Live Meeting)</li> <li>6 MSLM (Microsoft Live Meeting)</li> <li>7 Ready Access CaaS On-Net Seat</li> </ol>		
REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>X AN 1/80</b>	

**Segment:** **DTM** Date/Time Reference

**Position:** 480

**Loop:** SLN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 10

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

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

**Semantic Notes:**

**Comments:**

**Notes:** To specify billing period.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
DTM01	374	<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>	<b>M</b>
		Code specifying type of date or time, or both date and time		
		150 Service Period Start		
		151 Service Period End		
DTM02	373	<b>Date</b>	<b>X DT 8/8</b>	
		Date expressed as CCYYMMDD		
DTM03	337	<b>Time</b>	<b>X TM 4/8</b>	
		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)		
DTM04	623	<b>Time Code</b>	<b>O ID 2/2</b>	
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

**Segment:** **QTY** Quantity  
**Position:** 510  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	M
QTY02	380	<b>Quantity</b> Numeric value of quantity	X R 1/15	
QTY03	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	O	
C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	M
C00102	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15	
C00103	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10	
C00104	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	
C00105	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15	
C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10	
C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2	

<b>C00108</b>	<b>1018</b>	<b>Exponent</b> Power to which a unit is raised	<b>O R 1/15</b>
<b>C00109</b>	<b>649</b>	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>O R 1/10</b>
<b>C00110</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
<b>C00111</b>	<b>1018</b>	<b>Exponent</b> Power to which a unit is raised	<b>O R 1/15</b>
<b>C00112</b>	<b>649</b>	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>O R 1/10</b>
<b>C00113</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
<b>C00114</b>	<b>1018</b>	<b>Exponent</b> Power to which a unit is raised	<b>O R 1/15</b>
<b>C00115</b>	<b>649</b>	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>O R 1/10</b>
<b>QTY04</b>	<b>61</b>	<b>Free-Form Message</b> Free-form information	<b>X AN 1/30</b>

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

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

**Semantic Notes:**  
**Comments:**

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

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	M
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2	M
SI03	234	Product/Service ID Identifying number for a product or service	M AN 1/48	M
SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	
SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48	
SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	
SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48	
SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2	
SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48	
SI10	1000	Service Characteristics Qualifier	X AN 2/2	

		Code from an industry code list qualifying the type of service characteristics	
<b>SI11</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>SI12</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>X AN 2/2</b>
		Code from an industry code list qualifying the type of service characteristics	
<b>SI13</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>SI14</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>X AN 2/2</b>
		Code from an industry code list qualifying the type of service characteristics	
<b>SI15</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>SI16</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>X AN 2/2</b>
		Code from an industry code list qualifying the type of service characteristics	
<b>SI17</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>SI18</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>X AN 2/2</b>
		Code from an industry code list qualifying the type of service characteristics	
<b>SI19</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>SI20</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>X AN 2/2</b>
		Code from an industry code list qualifying the type of service characteristics	
<b>SI21</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	

- Segment:** **TCD** Itemized Call Detail
- Position:** 590
- Loop:** TCD Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify detail information for itemized calls
- Syntax Notes:**
- 1 If either TCD04 or TCD05 is present, then the other is required.
  - 2 If either TCD07 or TCD08 is present, then the other is required.
- Semantic Notes:**
- 1 TCD12 is an undiscounted amount.
  - 2 TCD13 is a net amount after the discount has been applied to the amount in TCD12.
  - 3 TCD14 is an undiscounted amount.
  - 4 TCD15 is a net amount after the discount has been applied to the amount in TCD14.
  - 5 TCD16 is a code indicating the relationship of the price or amount to the associated segment.
- Comments:**
- 1 TCD01 is the detail information.
  - 2 TCD02 is the date of the call.
  - 3 TCD03 is the connect time of the call.
  - 4 TCD04, TCD05, and TCD06 are the 'to' location of the call.
  - 5 TCD07, TCD08, and TCD09 are the 'from' location of the call.
  - 6 TCD10 and TCD11 are the total duration of the call. TCD10 is the time measured in minutes or minutes and tenths of minutes. TCD11 is time measured in seconds or seconds and tenths of seconds.
- Notes:**
- 1 The TCD loop may only appear at Level 9.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Base</b>	<b>User</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>TCD01</b>	<b>350</b>	<b>Assigned Identification</b>	<b>O AN 1/20</b>
		Alphanumeric characters assigned for differentiation within a transaction set	
<b>TCD02</b>	<b>373</b>	<b>Date</b>	<b>O DT 8/8</b>
		Date expressed as CCYYMMDD	
<b>TCD03</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/8</b>
		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)	
<b>TCD04</b>	<b>309</b>	<b>Location Qualifier</b>	<b>X ID 1/2</b>
		Code identifying type of location	
		AC City and State	
		CC Country	
		CI City	
		SP State/Province	

		ZZ	Mutually Defined	
<b>TCD05</b>	<b>310</b>	<b>Location Identifier</b>		<b>X AN 1/30</b>
		Code which identifies a specific location		
<b>TCD06</b>	<b>156</b>	<b>State or Province Code</b>		<b>O ID 2/2</b>
		Code (Standard State/Province) as defined by appropriate government agency		
<b>TCD07</b>	<b>309</b>	<b>Location Qualifier</b>		<b>X ID 1/2</b>
		Code identifying type of location		
		Code identifying the type of "FROM" location provided in TCD08 and TCD09. A value of "ZZ" indicates any point of originating/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	
<b>TCD08</b>	<b>310</b>	<b>Location Identifier</b>		<b>X AN 1/30</b>
		Code which identifies a specific location		
<b>TCD09</b>	<b>156</b>	<b>State or Province Code</b>		<b>O ID 2/2</b>
		Code (Standard State/Province) as defined by appropriate government agency		
<b>TCD10</b>	<b>739</b>	<b>Measurement Value</b>		<b>O R 1/20</b>
		The value of the measurement		
		Duration of call. See Comments, item 6		
<b>TCD11</b>	<b>739</b>	<b>Measurement Value</b>		<b>O R 1/20</b>
		The value of the measurement		
		Duration of call. See Comments, item 6		
<b>TCD12</b>	<b>782</b>	<b>Monetary Amount</b>		<b>O R 1/18</b>
		Monetary amount		
		Undiscounted amount.		
<b>TCD13</b>	<b>782</b>	<b>Monetary Amount</b>		<b>O R 1/18</b>
		Monetary amount		
		Net amount after a discount has been applied to the amount in TCD12.		
<b>TCD14</b>	<b>782</b>	<b>Monetary Amount</b>		<b>O R 1/18</b>
		Monetary amount		
		Undiscounted amount.		
<b>TCD15</b>	<b>782</b>	<b>Monetary Amount</b>		<b>O R 1/18</b>
		Monetary amount		
		Net amount after a discount has been applied to the amount in TCD14.		
<b>TCD16</b>	<b>662</b>	<b>Relationship Code</b>		<b>O ID 1/1</b>

## CenturyLink

Code indicating the relationship between entities

A Add

I Included

O Information Only

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

**Segment:** **SI** Service Characteristic Identification

**Position:** 600

**Loop:** TCD Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify service characteristic data

**Syntax Notes:**

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

**Semantic Notes:**

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

**Notes:** See Section 10.4 for valid values when using data element 1000/234 pairs.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SI01	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values TI Telecommunications Industry	M ID 2/2	M
SI02	1000	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics BN Billing Telephone Number FN From/Originating Number TM To/Terminating Number LA LATA Code OL Originating Location TL Terminating Location AX Access Type GR Dialing Plan LT Location Type LW Toll Free Indicator ST~PP Payphone Indicator ST~CE Cellular Indicator ZZ Mutually Defined WC Wire Count	M AN 2/2	M
SI03	234	<b>Product/Service ID</b> Identifying number for a product or service Access Types: 1 Dedicated VoIP	M AN 1/48	M

2 Dedicated SW/Trunk/Port  
 3 Calling Card  
 4 Switched

Dial Plan Codes:  
 1 Interstate  
 2 Intrastate  
 3 International Termination  
 4 North American Dial Plan  
 5 Inbound United States  
 6 International – US – International  
 7 International Intracountry

Call Types:  
 1 Local Call  
 2 Calling Card Call  
 3 Inbound Call  
 4 Outbound Call

Cellular Indicators:  
 L Landline  
 M Mobile  
 N Non Geographic Number (NGN)

<b>SI04</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2</b>	<b>M</b>
<b>SI05</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48</b>	<b>M</b>
<b>SI06</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2</b>	<b>M</b>
<b>SI07</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48</b>	<b>M</b>
<b>SI08</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2</b>	<b>M</b>
<b>SI09</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48</b>	<b>M</b>
<b>SI10</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2</b>	<b>M</b>
<b>SI11</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48</b>	<b>M</b>
<b>SI12</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2</b>	<b>M</b>
<b>SI13</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48</b>	<b>M</b>
<b>SI14</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2</b>	<b>M</b>

<b>SI15</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48 M</b>
<b>SI16</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics A value of 'ZZ' indicates Voice Complete Minimum Charge Indicator ZZ Mutually Defined	<b>M AN 2/2 M</b>
<b>SI17</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48 M</b>
<b>SI18</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2 M</b>
<b>SI19</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48 M</b>
<b>SI20</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics	<b>M AN 2/2 M</b>
<b>SI21</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48 M</b>

- Segment:** **ITA Allowance, Charge or Service**
- Position:** 615
- Loop:** TCD Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify allowances, charges, or services
- Syntax Notes:**
- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
  - 2 If ITA08 is present, then ITA09 is required.
  - 3 If either ITA10 or ITA11 is present, then the other is required.
  - 4 If ITA15 is present, then ITA02 is required.
  - 5 If ITA17 is present, then ITA12 is required.
- Semantic Notes:**
- 1 ITA09 is the allowance or charge percent.
  - 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
  - 3 ITA12 is the quantity of free goods.
- Comments:**
- 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
  - 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
  - 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
  - 4 ITA13 is used to clarify the allowance, charge, or service.
  - 5 ITA15 specifies the individual code list of the agency specified in ITA02.
  - 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Attributes</u>	<u>Attributes</u>
ITA01	248	M ID 1/1	M
	<b>Allowance or Charge Indicator</b>		
	Code which indicates an allowance or charge for the service specified		
	A	Allowance	
	C	Charge	
	N	No Allowance or Charge	
ITA02	559	X ID 2/2	
	<b>Agency Qualifier Code</b>		
	Code identifying the agency assigning the code values		
	TI	Telecommunications Industry	
ITA03	560	X ID 2/10	
	<b>Special Services Code</b>		
	Code identifying the special service		
	See Section 10.4 for valid values.		
	Refer to 004010 Data Element Dictionary for acceptable code values.		
ITA04	331	M ID 2/2	M
	<b>Allowance or Charge Method of Handling Code</b>		
	Code indicating method of handling for an allowance or charge		
	04	Credit Customer Account	

		06	Charge to be Paid by Customer	
		ZZ	Mutually Defined	
<b>ITA05</b>	<b>341</b>	<b>Allowance or Charge Number</b>		<b>O AN 1/16</b>
		The number assigned by a vendor referencing an allowance, promotion, deal or charge		
		P Payment		
		M MRC		
		N NRC		
		C Charge		
		D Discount, Credit		
		S Surcharge		
		T Tax		
		O Other		
		R Regulatory Fee		
<b>ITA07</b>	<b>360</b>	<b>Allowance or Charge Total Amount</b>		<b>O N2 1/15</b>
		Total dollar amount for the allowance or charge		
<b>ITA08</b>	<b>378</b>	<b>Allowance/Charge Percent Qualifier</b>		<b>O ID 1/1</b>
		Code indicating on what basis allowance or charge percent is calculated		
		9	Late Payment Charge Base Amount	
			Amount outstanding after the past due date, and subject to a late payment charge	
<b>ITA09</b>	<b>332</b>	<b>Percent</b>		<b>X R 1/6</b>
		Percent expressed as a percent		
<b>ITA10</b>	<b>380</b>	<b>Quantity</b>		<b>X R 1/15</b>
		Numeric value of quantity		
<b>ITA11</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>X ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>ITA13</b>	<b>352</b>	<b>Description</b>		<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content		
<b>ITA14</b>	<b>150</b>	<b>Special Charge or Allowance Code</b>		<b>X ID 3/3</b>
		Code identifying type of special charge or allowance		
		DSC	Discount	
		SUR	Surcharge	
		TAX	Tax Charge	
		UPD	Usage Plan Detail Charge	
			Charges for providing additional usage details associated with a measured usage or Optional Calling Plan	
<b>ITA16</b>	<b>662</b>	<b>Relationship Code</b>		<b>O ID 1/1</b>
		Code indicating the relationship between entities		
		T is only valid at HLs 4 - 9.		
		A	Add	
		I	Included	

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

**Segment:** **USD Usage-Sensitive Detail**  
**Position:** 620  
**Loop:** USD Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify usage-sensitive details which qualify for discounts or are subject to special rates

- Syntax Notes:**
- 1 Only one of USD03 or USD04 may be present.
  - 2 If USD03 is present, then at least one of USD06 USD07 or USD08 is required.
  - 3 If USD04 is present, then at least one of USD08 or USD09 is required.
  - 4 If either USD05 or USD06 is present, then the other is required.
  - 5 If USD07 is present, then both USD05 and USD06 are required.
  - 6 If USD10 is present, then at least one of USD11 or USD12 is required.
  - 7 If USD11 is present, then USD10 is required.
  - 8 If USD12 is present, then USD10 is required.

- Semantic Notes:**
- 1 USD01 is a code indicating the relationship of the price or amount to the associated segment.
  - 2 USD03 is the allowance or charge rate per unit.
  - 3 USD04 is the discount percentage.
  - 4 USD06 is the quantity of usage.
  - 5 USD07 is a quantity of usage different than the quantity in USD06. When USD07 is present, it is used in conjunction with USD06, and then the rate USD03 is applied.
  - 6 USD09 is the total amount of terms discount.

- Comments:**
- 1 If both USD03 and USD08 are present, then USD08 takes precedence.
  - 2 If USD11 is present and USD12 is not present, then the range is open ended.
  - 3 If USD12 is present and USD11 is not present, then the minimum is zero.

**Notes:** The USD loop may only appear at Level 9.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
USD01	662	Relationship Code	M ID 1/1	M
		Code indicating the relationship between entities		
		A Add		
		I Included		
		O Information Only		
		Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)		
USD02	350	Assigned Identification	O AN 1/20	
		Alphanumeric characters assigned for differentiation within a transaction set		
USD03	118	Rate	X R 1/9	
		Rate expressed in the standard monetary denomination for the currency specified		

<b>USD04</b>	<b>954</b>	<b>Percent</b>	<b>X R 1/10</b>
		Percentage expressed as a decimal	
<b>USD05</b>	<b>C001</b>	<b>Composite Unit of Measure</b>	<b>X</b>
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2 M</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		See USD05 for valid code list.	
	03	Seconds	
	12	Packet	
	1X	Quarter Mile	
	AD	Bytes	
		A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit	
	AH	Additional Minutes	
		The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service	
	AI	Average Minutes Per Call	
		The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details	
	AL	Access Lines	
		Number of lines subject to Carrier Access Line Charges	
	AN	Minutes or Messages	
		Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges	
	C0	Calls	
		Number of calls handled	
	DA	Days	
	DC	Disk (Disc)	
	DH	Miles	
	DK	Kilometers	
	DQ	Data Records	
		Number of Data Records handled	
	DY	Directory Books	
		Number of directory books delivered to customer	
	EA	Each	
	EB	Electronic Mail Boxes	
		Number of Electronic Mail Boxes established for an account	
	EV	Envelope	

CenturyLink

G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size
H1	Half Pages - Electronic Number of electronic half pages of data delivered
HR	Hours
HT	Half Hour
KB	Kilocharacters Kilocharacters of data transmitted
KF	Kilopackets Kilopackets of data transmitted
KJ	Kilosegments Kilosegments of data transmitted
M0	Magnetic Tapes Number of Magnetic Tapes delivered with data
M4	Monetary Value
MJ	Minutes
MO	Months
MR	Meter
NF	Messages Number of Messages transmitted, or delivered
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried
NJ	Number of Screens Number of data screens handled, or transmitted
OT	Overtime Hours
P0	Pages - Electronic Number of electronic pages of data delivered
P1	Percent
QA	Pages - Facsimile Number of FAX pages transmitted
QB	Pages - Hardcopy Number of printed pages delivered
QH	Quarter Hours Number of 15 minute increments of usage handled
RS	Resets Number of times a transmission is reset due to line drop, interrupt, etc.
S6	Sessions Number of interactive sessions handled

CenturyLink

		S7	Storage Units Number of storage increments used		
		SG	Segment		
		T0	Telecommunications Lines in Service Snapshot sample of lines in service		
		UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements		
		UC	Telecommunications Ports Number of network access ports		
		UD	Tenth Minutes Number of 6 second increments of usage		
		UE	Tenth Hours Number of 6 minute increments of usage		
		UF	Usage per Telecommunications Line - Average		
		UN	Unit		
		ZZ	Mutually Defined		
<b>C00102</b>	<b>1018</b>	<b>Exponent</b>		<b>O</b>	<b>R 1/15</b>
			Power to which a unit is raised		
<b>C00103</b>	<b>649</b>	<b>Multiplier</b>		<b>O</b>	<b>R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
<b>USD06</b>	<b>380</b>	<b>Quantity</b>		<b>X</b>	<b>R 1/15</b>
			Numeric value of quantity		
<b>USD07</b>	<b>380</b>	<b>Quantity</b>		<b>X</b>	<b>R 1/15</b>
			Numeric value of quantity		
<b>USD08</b>	<b>782</b>	<b>Monetary Amount</b>		<b>X</b>	<b>R 1/18</b>
			Monetary amount		
<b>USD09</b>	<b>610</b>	<b>Amount</b>		<b>X</b>	<b>N2 1/15</b>
			Monetary amount		
<b>USD10</b>	<b>C001</b>	<b>Composite Unit of Measure</b>		<b>X</b>	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>M</b>	<b>ID 2/2 M</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>C00102</b>	<b>1018</b>	<b>Exponent</b>		<b>O</b>	<b>R 1/15</b>
			Power to which a unit is raised		
<b>C00103</b>	<b>649</b>	<b>Multiplier</b>		<b>O</b>	<b>R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
<b>USD11</b>	<b>740</b>	<b>Range Minimum</b>		<b>X</b>	<b>R 1/20</b>
			The value specifying the minimum of the measurement range		

<b>USD12</b>	<b>741</b>	<b>Range Maximum</b>	<b>X R 1/20</b>
		The value specifying the maximum of the measurement range	

**Segment:** **TDS** Total Monetary Value Summary  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the total invoice discounts and amounts  
**Syntax Notes:**  
**Semantic Notes:**

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

**Comments:**

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
TDS01	610	Amount	M N2 1/15	M
		Monetary amount		
		Total current month invoice amount.		

**Segment:** **BAL** Balance Detail  
**Position:** 040  
**Loop:** BAL Mandatory  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify the specific monetary balances associated with a particular account  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
BAL01	951	<b>Balance Type Code</b>	<b>M ID 1/2</b>	<b>M</b>
		Code indicating the type of balance		
		A Adjustment		
		M Current Month		
		P Previous Month		
		Balance of previous period charges prior to applying payments and adjustments for the previous period billing		
BAL02	522	<b>Amount Qualifier Code</b>	<b>M ID 1/3</b>	<b>M</b>
		Code to qualify amount		
		BM Adjustments		
		C4 Prior Payment - Actual		
		Amount paid in reality at an earlier time		
		GZ Total Finance Charge		
		PB Billed Amount		
		Total amount due on the period bill		
		TT Total Transaction Amount		
BAL03	782	<b>Monetary Amount</b>	<b>M R 1/18</b>	<b>M</b>
		Monetary amount		

**Segment:** **CTT Transaction Totals**

**Position:** 115

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To transmit a hash total for a specific element in the transaction set

**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

**Semantic Notes:**

**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Notes:** The number of line items (CTT01) is the accumulation of the number of IT1 segments.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
CTT01	354	<b>Number of Line Items</b>	<b>M N0 1/6</b>	<b>M</b>
		Total number of line items in the transaction set		
CTT02	347	<b>Hash Total</b>	<b>O R 1/10</b>	
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		

Example:

-.0018 First occurrence of value being hashed.

.18 Second occurrence of value being hashed.

1.8 Third occurrence of value being hashed.

18.01 Fourth occurrence of value being hashed.

-----

1855 Hash total prior to truncation.

855 Hash total after truncation to three-digit field.

**Segment:** **SE** Transaction Set Trailer  
**Position:** 120  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Notes:** SE is the last segment of each transaction set.

**Data Element Summary**

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