810

Invoice

Functional Group=

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Heading:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BIG	Beginning Segment for Invoice	M	1		
030	NTE	Note/Special Instruction	0	100		
050	REF	Reference Identification	0	12		
LOOP ID -	<u>N1</u>		_	<u>_</u>	<u>200</u>	
070	N1	Name	0	1		
080	N2	Additional Name Information	0	2		
090	N3	Address Information	0	2		
100	N4	Geographic Location	0	1		
120	PER	Administrative Communications Contact	0	3		
130	ITD	Terms of Sale/Deferred Terms of Sale	0	>1	·	
212	BAL	Balance Detail	0	>1		

Detail:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>
LOOP ID -	IT1		_	_	200000	_
010	IT1	Baseline Item Data (Invoice)	0	1000		
040	TXI	Tax Information	0	10		
059	MEA	Measurements	0	40		
120	REF	Reference Identification	0	>1		
150	DTM	Date/Time Reference	0	10		
LOOP ID -	SAC		_	_	<u>25</u>	_
180	SAC	Service, Promotion, Allowance, or Charge Information	0	1		
LOOP ID -	N1			_	200	_
240	N1	Name	0	1		
250	N2	Additional Name Information	0	2		
260	N3	Address Information	0	2		
270	N4	Geographic Location	0	1		

Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Notes</u>
010	TDS	Total Monetary Value Summary	M	1		
070	CTT	Transaction Totals	0	1		N3/070
080	SE	Transaction Set Trailer	M	1		

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

ST Transaction Set Header

Pos: 010 Max: 1 Heading - Mandatory Loop: N/A Elements: 2

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

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Na	<u>ame</u>	Req	Type	Min/Max
ST01 143	143	Transactio	n Set Identifier Code	М	ID	3/3
		Description	n: Code uniquely identifying a Transaction Set			
		<u>Code</u>	<u>Name</u>			
		810	Invoice			
ST02	329	Transactio	n Set Control Number	М	AN	4/9
		•	n: Identifying control number that must be unique within the set functional group assigned by the originator for a transaction			

User Note 1:

ST*810*0004

BIG Beginning Segment for Invoice

Pos: 020 Max: 1 Heading - Mandatory Loop: N/A Elements: 5

To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u> M	Type	Min/Max
BIG01	373	Date Description: Date expressed as CCYYMMDD	IVI	DT	8/8
BIG02	76	Invoice Number Description: Identifying number assigned by issuer User Note 1: Invoice Number is Account number plus date	M	AN	1/22
BIG04	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser User Note 1: Value 'UTILITY'	0	AN	1/22
BIG07	640	Transaction Type Code Description: Code specifying the type of transaction Code Name FB Final Bill PR Product (or Service)	0	ID	2/2
BIG08	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set Code Name O Original CO Corrected	0	ID	2/2

Comments:

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

User Note 1:

BIG*20050316*1010101010120050316**UTILITY***PR*00

NTE

Note/Special Instruction

Pos: 030 Max: 100 Heading - Optional Loop: N/A Elements: 2

To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

Ref	<u>ld</u>	Element Nam	<u>e</u>	Req	<u>Type</u>	Min/Max
NTE01	363	Note Referen	ce Code	0	ID	3/3
		Description: 0 note applies	Code identifying the functional area or purpose for which the			
		<u>Code</u> ADD	Name Additional Information			
NTE02	352	Description		M	AN	1/80
		Description: A and their conte	A free-form description to clarify the related data elements ent			

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

REF Reference Identification

Pos: 050 Max: 12 Heading - Optional Loop: N/A Elements: 2

To specify identifying information

Element Summary:

<u>Ref</u> REF01	<u>ld</u> 128	128 Reference Iden	entification Qualifier Code qualifying the Reference Identification	Req M	Type ID	<u>Min/Max</u> 2/3
		Code 12 45 TJ ZZ	Name Billing Account Description: Account number under which billing is rendered Old Account Number Description: Identifies accounts being changed Federal Taxpayer's Identification Number Mutually Defined Description:	ed (AEP	account nu	umber)
			User Note 1: Z1 - Revenue Class Z2 - Avg daily Electric Cost Z3- Number of billing days			
REF02	127	Reference Ide	ntification	X	AN	1/30

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

User Note 1:

REF*45*131313131 REF*12*10101010101 REF*TJ*212121212 REF*Z1*212 REF*Z2*213.64 REF*Z3*31

N1 Name

Pos: 070 Max: 1 Heading - Optional Loop: N1 Elements: 4

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

Element Summary:

<u>Ref</u> N101	<u>ld</u> 98	Element Name Entity Identifier Code	<u>Req</u> M	<u>Type</u> ID	Min/Max 2/3
		Description: Code identifying an organizational entity, a physical location, property or an individual			
		Code 8R Consumer Service Provider (CSP) Customer BT Bill-to-Party Description: Used when directly billing the end use custom RE Party to receive commercial invoice remittance	er		
N102	93	RE Party to receive commercial invoice remittance Name	X	AN	1/60
14102	93	Description: Free-form name	^	AN	1700
N103	66	Identification Code Qualifier	X	ID	1/2
		Description: Code designating the system/method of code structure used for Identification Code (67)			
		Code 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent User Note 1:			
		Partners Store number. Used with qualifier BT			
N104	67	Identification Code	X	AN	2/80
		Description: Code identifying a party or other code			

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.

User Note 1:

N1*RE*AMERICAN ELECTRIC POWER*91*006979868 N1*BT*NAME1*92*111 N1*8R*NAME2*92*111

N2 Additional Name Information

Pos: 080 Max: 2 Heading - Optional Loop: N1 Elements: 2

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

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	Type	Min/Max
N201	93	Name	M	AN	1/60
		Description: Free-form name			
N202	93	Name	0	AN	1/60
		Description: Free-form name			

N3 Address Information

Pos: 090 Max: 2 Heading - Optional Loop: N1 Elements: 2

To specify the location of the named party

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max
N301	166	Address Information	M	AN	1/55
		Description: Address information			
N302	166	Address Information	0	AN	1/55
		Description: Address information			

User Note 1:

N3*PO BOX 24002

N4 Geographic Location

Pos: 100 Max: 1 Heading - Optional Loop: N1 Elements: 3

To specify the geographic place of the named party

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max
N401	19	City Name	0	AN	2/30
		Description: Free-form text for city name			
N402	156	State or Province Code	0	ID	2/2
		Description: Code (Standard State/Province) as defined by appropriate government agency			
N403	116	Postal Code	0	ID	3/15
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			

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.

User Note 1:

N4*CANTON*OH*447014002

PER Administrative Communications Contact Pos: 120 He Loop: N1

Pos: 120 Max: 3 Heading - Optional

oop: N1 Elements: 4

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

Element Summary:

Ref	<u>ld</u>	Element Name	Req	Type	Min/Max
PER01	366	Contact Function Code	M	ID	2/2
		Description: Code identifying the major duty or responsibility of the person or group named			
		CodeNameCRCustomer Relations			
PER02	93	Name	0	AN	1/60
		Description: Free-form name			
PER03	365	Communication Number Qualifier	X	ID	2/2
		Description: Code identifying the type of communication number			
		Code Name			
		TE Telephone			
PER04	364	Communication Number	X	AN	1/80
		Description: Complete communications number including country or area code when applicable			

User Note 1:

PER*CR*CUSTOMER SERVICE*TE*1-800-555-1212

ITD

Terms of Sale/Deferred Terms of He Loop: N/A

Pos: 130 Max: >1 Heading - Optional Loop: N/A Elements: 1

To specify terms of sale

Element Summary:

 Ref
 Id
 Element Name
 Req
 Type
 Min/Max

 ITD06
 446
 Terms Net Due Date
 O
 DT
 8/8

Description: Date when total invoice amount becomes due expressed in format CCYYMMDD

User Note 1:

ITD*****20050322

BAL Balance Detail

Pos: 212 Max: >1 Heading - Optional Loop: N/A Elements: 3

To identify the specific monetary balances associated with a particular account

Element Summary:

 Ref
 Id
 Element Name
 Req
 Type
 Min/Max

 BAL01
 951
 Balance Type Code
 M
 ID
 1/2

Description: Code indicating the type of balance

<u>Code</u> <u>Name</u>

M Current Month
P Previous Month

Description: Balance of previous period charges prior to applying payments and

adjustments for the previous period billing

Y Year to Date

BAL02 522 Amount Qualifier Code M ID 1/3

Description: Code to qualify amount

<u>Code</u> <u>Name</u>

J9 Beginning Balance PB Billed Amount

Description: Total amount due on the period bill

TP Total payment amount

User Note 1:

last payment received in the billing period (not-cumulative payments since last billing)

YB Actual Unpaid Principal Balance

BAL03 782 Monetary Amount M R 1/18

Description: Monetary amount

User Note 1:

BAL*P*TP*-6578.04 BAL*P*PB*6578.04 BAL*M*YB*6622.79 BAL*M*PB*6622.79 BAL*M*J9*0.00

IT1 Baseline Item Data (Invoice)

Pos: 010 Max: 1000 Detail - Optional Loop: IT1 Elements: 7

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

Element Summary:

<u>Ref</u> IT101	<u>ld</u> 350	Element Name Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	Req O	<u>Type</u> AN	Min/Max 1/20
IT106	235	User Note 1: Line item counter Product/Service ID Qualifier	X	ID	2/2
11100	200	Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	Λ	i.b	2,2
		CodeNameSVService Rendered			
IT107	234	Product/Service ID	Χ	AN	1/48
		Description: Identifying number for a product or service User Note 1: 'Electric'			
IT108	235	Product/Service ID Qualifier	Χ	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CodeNameC3Classification			
IT109	234	Product/Service ID	Χ	AN	1/48
		Description: Identifying number for a product or service User Note 1: Examples: ACCOUNT METER RATE			
IT110	235	Product/Service ID Qualifier	Χ	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CodeNameMBMeasurement Type Code			
IT111	234	Product/Service ID	Χ	AN	1/48
		Description: Identifying number for a product or service User Note 1: <i>Example: TOU</i>			

User Note 1:

IT1*1*****SV*ELECTRIC*C3*ACCOUNT IT1*2*****SV*ELECTRIC*C3*RATE

IT1*3*****SV*ELECTRIC*C3*METER*MB*TOU

TXI Tax Information

Pos: 040 Max: 10 Detail - Optional

Loop: IT1 Elements: 3

To specify tax information

Element Summary:

<u>Ref</u> TXI01	<u>ld</u> 963	Element Nar Tax Type Co		<u>Req</u> M	Type ID	Min/Max 2/2
		Description:	Code specifying the type of tax			
		<u>Code</u> AT FR	Name Assessment Franchise Tax			
		LO	Description: Tax imposed by municipality for the right to pr Local Tax Description: Tax imposed on a local level	ovide sei	rvice	
TXI02	782	ST Monetary Ar	State Sales Tax	X	R	1/18
17/102	702	_	Monetary amount	^	IX	1/10
TXI07	662	Relationship	Code Code indicating the relationship between entities	0	ID	1/1
		Code A O	Name Add Information Only Description: Charges which relate to but may not be included.	led in or a	added to th	ne unit price

of the SLN. (i.e., compute WATS calculation based upon usage amounts)

User Note 1:

Taxes only apply when IT109 = Rate TXI[FR[566.75[[[[A

MEA Measurements

Pos: 059 Max: 40 Detail - Optional Loop: IT1 Elements: 7

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Element Summary:

<u>Ref</u> MEA01	<u>ld</u> 737	Element Name Measurement Reference ID Code	Req O	<u>Type</u> ID	Min/Max 2/2
		Description: Code identifying the broad category to which a measurement applies			
		CodeNameAAMeter reading-beginning actual/ending actualAEMeter reading-beginning actual/ending estimatedARAnnual ResultAVAverage ReadingBRBilled HistoryEAMeter reading-beginning estimated/ending actualEEMeter reading-beginning estimated/ending estimated			
MEA02	738	Measurement Qualifier	0	ID	1/3
		Description: Code identifying a specific product or process characteristic to which a measurement applies			
		CodeNameMUMultiplier			
MEA03	739	Measurement Value	Χ	R	1/20
		Description: The value of the measurement User Note 1: Meter Multiplier			
MEA04	C001	Composite Unit of Measure	Χ	Comp	
		Description: To identify a composite unit of measure			
	355	Unit or Basis for Measurement Code	М	ID	2/2
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		<u>Code</u> <u>Name</u>			
		K1 Kilowatt Demand Description: Represents potential power load measured at	predete	rmined inte	rvals
		K2 Kilovolt Amperes Reactive Demand Description: Reactive power that must be supplied for spece equipment; billable when kilowatt demand usage meets or expectations.			
		K3 Kilovolt Amperes Reactive Hour Description: Represents actual electricity equivalent to kilo meets or exceeds defined parameters		-	
		K4 Kilovolt Amperes			
		KH Kilowatt Hour			
MEA05	740	Range Minimum	Χ	R	1/20
		Description: The value specifying the minimum of the measurement range User Note 1: Beginning reading			
MEA06	741	Range Maximum	Χ	R	1/20
		Description: The value specifying the maximum of the measurement range			
		<u></u>			

User Note 1: Ending reading or demand reading for Demand meter

MEA07 935 **Measurement Significance Code**

O ID 2/2

Description: Code used to benchmark, qualify or further define a

measurement value

<u>Code</u>	<u>Name</u>
22	Actual
41	Off Peak
42	On Peak
51	Total

User Note 1:

Measurements only apply with IT109 = Meter History MEA01 = BR apply only with IT110 = Account MEA*BR**161400*KH**200402*22

MEA*AA*MU*600*KH*1104*1308 MEA*AA*MU*600*K1*0*0.544 MEA*AA*MU*600*K3*2334*2484

REF Reference Identification

Pos: 120 Max: >1
Detail - Optional
Loop: IT1 Elements: 3

To specify identifying information

Element Summary:

Ref REF01	<u>Id</u> 128	Description: (entification Qualifier Code qualifying the Reference Identification When REF01 is QQ, valid value for REF02 is U- Unmetered	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 2/3
		Code 06	Name System Number User Note 1:			
		MG NH QQ	Service delivery number Meter Number Rate Card Number Unit Number User Note 1: Used to qualify unmetered usage, I.E number of outdoor light	ahts		
REF02	127	Set or as speci	•	Х	AN	1/30
REF03	352	and their conte User Note 1: I units.	A free-form description to clarify the related data elements ent When REF01 = QQ, REF03 will be the number of unmetered = NH, REF03 will be a free-form tariff description	X	AN	1/80

User Note 1:

RATE REF*NH*123*General Service REF*06*00112233445566 REF*QQ*U*3

Meter

REF*MG*33445566

DTM Date/Time Reference

Pos: 150 Max: 10 Detail - Optional

Loop: IT1 Elements: 3

To specify pertinent dates and times

Element Summary:

Ref	<u>ld</u>	Element Name	Req	Type	Min/Max
DTM01	374	Date/Time Qualifier	M	ID	3/3
		Description: Code specifying type of date or time, or both date and time			
		CodeName150Service Period Start151Service Period End			
DTM05	1250	Date Time Period Format Qualifier	X	ID	2/3
		Description: Code indicating the date format, time format, or date and time format			
		Code Name			
		D8 Date Expressed in Format CCYYMMDD			
DTM06	1251	Date Time Period	X	AN	1/35
		Description: Expression of a date, a time, or range of dates, times or dates and times			

User Note 1:

Dates only apply when IT109 = Rate

DTM*150*20050129 DTM*151*20050228

SAC Service, Promotion, Allowance, or Charge Information

Pos: 180 Max: 1 Detail - Optional

Loop: SAC Elements: 7

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref SAC01	<u>ld</u> 248	Element Name Allowance or Charge Indicator	<u>Req</u> M	<u>Type</u> ID	Min/Max 1/1
		Description: Code which indicates an allowance or charge for the service specified			
		Code A Allowance C Charge N No Allowance or Charge			
		User Note 1: The amount in SAC05 should be ignored when summing	the invoic	e total.	
SAC03	559	Agency Qualifier Code	X	ID	2/2
0000		Description: Code identifying the agency assigning the code values			_,_
		Code Name EU Electric Utilities			
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10
		Description: Agency maintained code identifying the service, promotion, allowance, or charge User Note 1: 'ADJ000' - Adjustments 'BAS000' - See SAC15 'BAS001' - Service Charges 'BAS002' - Rate Billing 'CRE000' - See SAC15 'CRE011' - Service Guarantee Credit 'DAB000' - See SAC15 'DAB001' - Deposit 'DAB002' - Deposit interest 'DAB003' - Deposit interest 'DAB003' - Deposit reduction 'DIS001' - Distribution Charge 'DMD000' - Demand Charge see SAC15 'DSC000' - See SAC15 'ENC000' - See SAC15 'ENC000' - See SAC15 'ENC001' - On-Peak charge 'ENC003' - Off-Peak charge 'FUE000' - See SAC15 'FUE001' - Fuel Rate 'GEN000' - See SAC15 'GEN001' - Delinquent Payment Charge 'LPC001' - Delinquent Payment Charge 'MSC000' - See SAC15 'MSC022' - Transition 'PRB002' - Previous Account Balance 'SUR000' - See SAC15 'TRN001' - Transmission Charge 'TRN001' - Transmission Charge 'TRN001' - Retail Transmission 'TRN011' - Retail Transmission 'TRN011' - Retail Transmission			

'TRN014' - Retail Transmission

		'TRN015' - I	Retail + OATT Transmission			
SAC05	610	Amount		0	N2	1/15
		Description:	Monetary amount			
SAC09	355	Unit or Basis	s for Measurement Code	X	ID	2/2
		•	Code specifying the units in which a value is being r manner in which a measurement has been taken			
		<u>Code</u>	<u>Name</u>			
		K1	Kilowatt Demand			
			Description: Represents potential power load measured at	predeter	mined inter	vals
		K2	Kilovolt Amperes Reactive Demand			
			Description: Reactive power that must be supplied for speceduipment; billable when kilowatt demand usage meets or expectations.			
		K3	Kilovolt Amperes Reactive Hour			
			Description: Represents actual electricity equivalent to kilo meets or exceeds defined parameters	watt houi	rs; billable v	vhen usage
		K4	Kilovolt Amperes			
			Description: Measure of electrical power			
		KH	Kilowatt Hour			
SAC10	380	Quantity		X	R	1/15
		Description:	Numeric value of quantity			
SAC15	352	Description		X	AN	1/80
		Description: and their con	A free-form description to clarify the related data elements tent			

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.

User Note 1:

N1 Name Pos: 240 Max: 1 Detail - Optional Loop: N1 Elements: 2

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

Element Summary:

Ref	<u>ld</u>	Element Na	<u>nme</u>	Req	<u>Type</u>	Min/Max
N101	98	Entity Ident	tifier Code	M	ID	2/3
		property or a	a: Code identifying an organizational entity, a physical location, an individual 1: Metering Location - Account loop			
		Code	<u>Name</u>			
		8R	Consumer Service Provider (CSP) Customer			
			User Note 1:			
			Rate loop only			
		MQ	Metering Location			
N102	93	Name		X	AN	1/60
		Description	n: Free-form name			

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.

N2 Additional Name Information

Pos: 250 Max: 2
Detail - Optional
Loop: N1 Elements: 2

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

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	Type	Min/Max
N201	93	Name	M	AN	1/60
		Description: Free-form name			
N202	93	Name	0	AN	1/60
		Description: Free-form name			

N3 Address Information

Pos: 260 Max: 2 Detail - Optional

Loop: N1 Elements: 2

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max
N301	166	Address Information	M	AN	1/55
		Description: Address information			
N302	166	Address Information	0	AN	1/55
		Description: Address information			

N4

Geographic Location

Pos: 270 Max: 1 Detail - Optional Loop: N1 Elements: 3

To specify the geographic place of the named party

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max
N401	19	City Name	0	AN	2/30
		Description: Free-form text for city name			
N402	156	State or Province Code	0	ID	2/2
		Description: Code (Standard State/Province) as defined by appropriate government agency			
N403	116	Postal Code	0	ID	3/15
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			

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.

TDS

Total Monetary Value Summary

Pos: 010 Max: 1 Summary - Mandatory Loop: N/A Elements: 1

To specify the total invoice discounts and amounts

Element Summary:

 Ref
 Id
 Element Name
 Req
 Type
 Min/Max

 TDS01
 610
 Amount
 M
 N2
 1/15

Description: Monetary amount **User Note 1:** *Total amount of invoice*

User Note 1:

TDS*662555

CTT Transaction Totals

Pos: 070 Max: 1 Summary - Optional Loop: N/A Elements: 1

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

Element Summary:

 Ref
 Id
 Element Name
 Req
 Type
 Min/Max

 CTT01
 354
 Number of Line Items
 M
 N0
 1/6

Description: Total number of line items in the transaction set

User Note 1: Number of IT1 segments.

Comments:

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

User Note 1:

CTT*3

SE Transaction Set Trailer

Pos: 080 Max: 1 Summary - Mandatory Loop: N/A Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max
SE01	96	Number of Included Segments	M	N0	1/10
		Description: Total number of segments included in a transaction set including ST and SE segments			
SE02	329	Transaction Set Control Number	M	AN	4/9
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Comments:

1. SE is the last segment of each transaction set.