

# 814 General Request, Response or Confirmation

Functional Group ID=**GE**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
						LOOP ID - N1	>1
Rec	040	N1	Name	O	1		n1
	050	N2	Additional Name Information	O	2		
	060	N3	Address Information	O	2		
	070	N4	Geographic Location	O	1		
Rec	080	PER	Administrative Communications Contact	O	>1		

## Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - LIN	>1
Must Use	010	LIN	Item Identification	O	1		
Must Use	020	ASI	Action or Status Indicator	O	1		
	030	REF	Reference Identification	O	>1		
	035	REF	Reference Identification	O	>1		
Rec	040	DTM	Date/Time Reference	O	>1		
	060	AMT	Monetary Amount	O	>1		
	070	PM	Electronic Funds Transfer Information	O	1		
						LOOP ID - NM1	>1
Must Use	080	NM1	Individual or Organizational Name	O	1		n2
	090	N2	Additional Name Information	O	2		
	100	N3	Address Information	O	2		
	110	N4	Geographic Location	O	1		
	120	PER	Administrative Communications Contact	O	>1		
	130	REF	Reference Identification	O	>1		
Must Use	150	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. The N1 loop is used to identify the transaction sender and receiver.
2. The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

**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) 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>Attributes</u>
Must Use	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 814 General Request, Response or Confirmation Transaction Set	M ID 3/3
Must Use	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	M AN 4/9

**Segment:** **BGN** Beginning Segment  
**Position:** 020  
**Loop:**  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a transaction set  
**Syntax Notes:** 1 If BGN05 is present, then BGN04 is required.  
**Semantic Notes:** 1 BGN02 is the transaction set reference number.  
2 BGN03 is the transaction set date.  
3 BGN04 is the transaction set time.  
4 BGN05 is the transaction set time qualifier.  
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.  
6 BGN10 is related to the date in BGN03.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	<b>M ID 2/2</b>
			06 Confirmation Confirms receipt of the Request; action on the requested service is pending.	
			11 Response Signifies that the requested service will be addressed as described in this transaction.	
			13 Request	
			14 Advance Notification	
			CN Completion Notification Signifies that the order is complete and the information contained within is final for the service request purchase order Signifies that the requested service was completed as described in this transaction, not as identified in the original Response.	
Must Use	BGN02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier A unique transaction identification number, assigned by the originator.	<b>M AN 1/30</b>
Must Use	BGN03	373	<b>Date</b> Date (YYMMDD) The transaction creation date.	<b>M DT 6/6</b>
	BGN04	337	<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) The transaction creation time.	<b>X TM 4/8</b>
	BGN05	623	<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 Identifies the time zone applicable to the BGN04 value	<b>O ID 2/2</b>

AD	Alaska Daylight Time
AS	Alaska Standard Time
CD	Central Daylight Time
CS	Central Standard Time
ED	Eastern Daylight Time
ES	Eastern Standard Time
GM	Greenwich Mean Time
HD	Hawaii-Aleutian Daylight Time
HS	Hawaii-Aleutian Standard Time
MD	Mountain Daylight Time
MS	Mountain Standard Time
PD	Pacific Daylight Time
PS	Pacific Standard Time
UT	Universal Time Coordinate

**BGN06 127 Reference Identification O AN 1/30**

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

If used, refers to the BGN02 identification number of the original Request.

**Rec BGN10 624 Century O N0 2/2**

The first two characters in the designation of the year (CCYY)

The transaction creation century.

**Segment:** **N1** Name  
**Position:** 040  
**Loop:** N1 Optional (Recommended)  
**Level:** Heading:  
**Usage:** Optional (Recommended)  
**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) The entity which provides services to the end use customer on behalf of another. In the deregulated, alternate energy supply environment, this is the Utility or other entity providing services on behalf of the Energy Service Provider. SJ Service Provider Identifies name and address information as pertaining to a service provider for which billing is being rendered The entity which which has the primary business relationship with the end use customer and which would otherwise be responsible for the service now being provided by the consumer service provider (Code 8S). In the deregulated, alternate energy supply environment, this is the Energy Service Provider.	M ID 2/3
	N102	93	Name Free-form name	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 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 24 Employer's Identification Number 91 Assigned by Seller or Seller's Agent An identifier assigned by the Consumer Service Provider, N101=8S 92 Assigned by Buyer or Buyer's Agent An identifier assigned by the Service Provider, N101=SJ	X ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code	X AN 2/20

**Segment:** **N2** Additional Name Information  
**Position:** 050  
**Loop:** N1 Optional (Recommended)  
**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. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>N201</b>	<b>93</b>	<b>Name</b> Free-form name	<b>M AN 1/60</b>
	<b>N202</b>	<b>93</b>	<b>Name</b> Free-form name	<b>O AN 1/60</b>

**Segment:** N3 Address Information  
**Position:** 060  
**Loop:** N1 Optional (Recommended)  
**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. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>N301</b>	<b>166</b>	<b>Address Information</b> Address information	<b>M AN 1/55</b>
	<b>N302</b>	<b>166</b>	<b>Address Information</b> Address information	<b>O AN 1/55</b>

**Segment:** **N4 Geographic Location**  
**Position:** 070  
**Loop:** N1 Optional (Recommended)  
**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.

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</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>



**Segment:** **PER Administrative Communications Contact**  
**Position:** 080  
**Loop:** N1 Optional (Recommended)  
**Level:** Heading:  
**Usage:** Optional (Recommended)  
**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact SC Schedule Contact Scheduling Coordinator	<b>M ID 2/2</b>
	PER02	93	<b>Name</b> Free-form name	<b>O AN 1/60</b>
	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	<b>X ID 2/2</b>
	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	<b>X ID 2/2</b>
	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	<b>X ID 2/2</b>
	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>

<b>Segment:</b>	<b>LIN</b> Item Identification
<b>Position:</b>	010
<b>Loop:</b>	LIN Optional (Must Use)
<b>Level:</b>	Summary:
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic item identification data
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either LIN04 or LIN05 is present, then the other is required.</li> <li>2 If either LIN06 or LIN07 is present, then the other is required.</li> <li>3 If either LIN08 or LIN09 is present, then the other is required.</li> <li>4 If either LIN10 or LIN11 is present, then the other is required.</li> <li>5 If either LIN12 or LIN13 is present, then the other is required.</li> <li>6 If either LIN14 or LIN15 is present, then the other is required.</li> <li>7 If either LIN16 or LIN17 is present, then the other is required.</li> <li>8 If either LIN18 or LIN19 is present, then the other is required.</li> <li>9 If either LIN20 or LIN21 is present, then the other is required.</li> <li>10 If either LIN22 or LIN23 is present, then the other is required.</li> <li>11 If either LIN24 or LIN25 is present, then the other is required.</li> <li>12 If either LIN26 or LIN27 is present, then the other is required.</li> <li>13 If either LIN28 or LIN29 is present, then the other is required.</li> <li>14 If either LIN30 or LIN31 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 LIN01 is the line item identification
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of IDs.</li> <li>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>
<b>Notes:</b>	<p>A separate LIN loop is used for each customer, e.g., one LIN per customer, one customer per LIN.</p> <p>When responding to a Request, the best practice is to identify the LIN segment (LIN01) with the same identification sent in the Request LIN01.</p> <p>Repeat Elements 235 and 234 as necessary to identify all of the services being requested/rendered.</p>

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LIN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set A unique sequential number for each line item within this transaction set.	<b>O AN 1/20</b>
Must Use	LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested A numeric or alphanumeric code from a list of services available to the customer SV Service Rendered	<b>M ID 2/2</b>
Must Use	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service AW Appliance Warranty Indicates a customer request for warranty repair services. BB Budget Billing Indicates a customer request for a leveled billing arrangement. CE Customer Enrollment EC Electronic Credit Indicates a customer request to receive any credit due	<b>M AN 1/48</b>

	ED	via electronic credit. Electronic Debit
	EI	Indicates a customer request to make payment via electronic debit. Electronic Invoicing
	EL	Indicates a customer request to be billed electronically. Electric Service
	GAS	Indicates a customer request to obtain electric service. Gas Service
	MR	Indicates a customer request to obtain gas service. Meter Reading
	RRC	Indicates a customer request to obtain meter reading services. Retroactive Rate Change
	ST	Indicates a customer request for a new rate to be effective retroactive to a previous billing cycle. Steam Service
	WA	Indicates a customer request to obtain steam service. Water Service
		Indicates a customer request to obtain water service.

<b>LIN04</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
<b>LIN05</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>LIN06</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
<b>LIN07</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		

**Segment:** **ASI** Action or Status Indicator  
**Position:** 020  
**Loop:** LIN Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To indicate the action to be taken with the information provided or the status of the entity described

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

Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment.

Status Reason Codes are conveyed in the REF segment (position 030) rather than in the ASI03, to allow for multiple rejection reasons.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ASI01	306	<b>Action Code</b> Code indicating type of action	M ID 1/2
			7 Request	
			A4 Pended	
			C Cancelled	
			U Reject	
			Inability to accept for processing due to the lack of required information	
			V Respond	
			A reply or answer	
			WQ Accept	
Must Use	ASI02	875	<b>Maintenance Type Code</b> Code identifying the specific type of item maintenance	M ID 3/3
			001 Change	
			002 Delete	
			021 Addition	
			Use when requesting and confirming a new service.	
			023 Change in Rate Factors	
			024 Cancellation or Termination	
			025 Reinstatement	
			To place in force again, without the usual probationary or service period, a group contract or an individual's group insurance that for some reason has terminated	
			029 Inquiry	
			051 Denial	
			066 Status Request	
			A status request asks for current claim information for the purposes of compliance, audit, or other claim assessment function	
			101 Servicer Change	

**Segment:** **REF** Reference Identification  
**Position:** 030  
**Loop:** LIN Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**  
**Notes:** Status Reason Codes are conveyed in the REF segment (position 030) rather than in the ASI03, to allow for multiple rejection reasons.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		7G Data Quality Reject Reason	
		NU Pending Case	
		TN Transaction Reference Number	
		Used to provide a unique identification number for the Request for this Customer. This use of the REF segment should be the first occurrence if more than one REF is sent.	
REF02	127	Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		The following codes have been identified by the UIG to convey status reason codes. Other codes from data element 641 may be used by agreement of the trading partners when necessary.	
		007 Excessive Obligations - Same Income, Including Habitual Nonpayment of Debts	
			Service terminated because of nonpayment
		008 Abandonment of Property	
			Account exists but is not active
		017 Business Failure	
			Service terminated because the Service Provider went out of business
		020 Moved - Vacated	
			Service terminated because the Customer moved
		023 Servicing Problems	
			Cannot access the meter
		027 Payment Dispute	
		A03 Incorrect Address	
			Invalid meter address
		A13 Other	
			See explanation in REF03
		A75 Invalid Account Format	
		A76 Account Not Found	
		A77 Name Specified Does Not Match Account	
		A78 Item or Service Already Established, Cannot Add	
			Use when a Request ASI02 was 021, Add

A79	Item or Service Not Established, Cannot Modify Use when a Request ASI02 was 001, Change
A80	Item or Service Not Available
A81	Item or Service Not Available on Requested Date
A82	Address Specified Does Not Match Account
A83	Unauthorized or Invalid Action
A91	Exceeds Service Limitations Service is not offered at Customer's location
A95	Past Cutoff Time Offer expired
ABN	Abnormal Duplicate request received
ANL	Agent Not Licensed Service Provider not licensed to provide the requested service
API	Application Incomplete Required information missing. See REF03 for details.
B04	Held for Payment Requested service will not be completed until outstanding payment is made
B14	Missing Documents Reason for termination is required but was not furnished
B30	Currently Enrolled Requested action cannot be taken
B31	Not Currently Enrolled Requested action cannot be taken
B33	Unreported - Information is not available in record Customer name is missing from the Request
B38	Dropped Customer was terminated by the Service Provider for reasons other than nonpayment
C02	Credit Hold Customer is on credit hold
CHA	Changed Agent Customer changed to another Service Provider
D30	Declined Services Requested service has been declined
D50	Delayed Effective date of service has been changed
EB3	Withdrawn Customer rescinded enrollment request
EBA	No Record Found Requested incentive not found or not in effect on the requested date
FRB	Failed to Release Billing Incorrect billing option requested
P01	Processing Delay Request received, processing will be delayed
PAL	Pending Agent License Request accepted pending licensing of Service Provider
THT	Theft Service terminated because of customer's diversion of

			service
	UND		Undetermined
			Cannot identify Service Provider
	W05		Order Discrepancy
			Requested rate not found or not in effect on the requested date
	W09		Substitution
			Special, off-cycle meter reading cannot be performed. Meter will be read on the normal, on-cycle read date
<b>REF03</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	
		Used to further describe the rejection reason code sent in REF02.	

**Segment:** **REF** Reference Identification  
**Position:** 035  
**Loop:** LIN Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

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

This segment will be used for account maintenance.

We need to go back and decide what codes we want to use for REF02.

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
Must Use <b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TD Reason for Change	<b>M ID 2/3</b>
<b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier COA Change of Address COP Change of Phone Number	<b>X AN 1/30</b>
<b>REF03</b>	<b>352</b>	<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:** 040  
**Loop:** LIN Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional (Recommended)  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM06 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM06 or DTM07 is present, then the other is required.

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

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	M ID 3/3
		007	Effective Date upon which an addition, change, or deletion is requested to become effective (BGN01=13) or will become effective (BGN01=11).	
		129	Customer Contract Effective The date/time the customer agreed to obtain service from the Service Provider.	
		150	Service Period Start The date/time the customer agreed to obtain service from the Service Provider.	
		151	Service Period End Date that the service with the Service Provider will end.	
		243	Actual Complete The actual complete date for a task or activity Date upon which the requested service was actually completed (BGN01 = CN).	
		245	Estimated Completion The revised plan or estimate of the complete date for a task or activity Date upon which it is estimated that the requested service will be completed (BGN01=11).	
		802	Date of Action Date of the request or acceptance.	
Rec	DTM06	1250	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format	X ID 2/3
		D6	Date Expressed in Format YYMMDD	
		D8	Date Expressed in Format CCYYMMDD	
		DT	Date and Time Expressed in Format CCYYMMDDHHMM	
		RD6	Range of Dates Expressed in Format YYMMDD-YYMMDD	
		RD8	Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD A range of dates expressed in the format CCYYMMDD-CCYYMMDD where CCYY is the numerical expression of the century CC and year YY, MM is the numerical expression of the month within the year, and DD is the numerical expression of the day	

within the year; the first occurrence of CCYYMMDD is the beginning date and the second occurrence is the ending date

RDT

Range of Date and Time, Expressed in Format  
CCYYMMDDHHMM-CCYYMMDDHHMM

A range of dates and times expressed in the format  
CCYYMMDDHHMM-CCYYMMDDHHMM where  
CCYY is the numerical expression of the century CC  
and year YY, MM is the numerical expression of the  
month within the year, DD is the numerical expression  
of the day within the month, HH is the numerical  
expression of hours in the day based on a twenty-four  
hour clock, and MM is the numerical expression of  
minutes within an hour; the first occurrence of  
CCYYMMDDHHMM is the starting time and the  
second is the ending time

<b>Rec</b>	<b>DTM07</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X</b>	<b>AN 1/35</b>
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Expression of a date, a time, or range of dates, times or dates and times

**Segment:** **AMT** Monetary Amount  
**Position:** 060  
**Loop:** LIN Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	<b>Amount Qualifier Code</b> Code to qualify amount	<b>M ID 1/2</b>
			7N Participating Interest	This code is used when less than 100% of the load is supplied by the Energy Service Provider. Element AMT02 identifies the percentage of the service which is supplied.
			DP Exemption	This code is used when a portion of the provided service is exempt from taxation. Element AMT02 identifies the percentage of the service which is tax exempt.
Must Use	AMT02	782	<b>Monetary Amount</b> Monetary amount	<b>M R 1/15</b>
				The whole number "1" represents 100 percent. Decimal numbers less than "1" represent percentages from 1 percent to 99 percent.

**Segment:** **PM** **Electronic Funds Transfer Information**  
**Position:** 070  
**Loop:** LIN Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To supply information on the electronic funds transfer (EFT) method of payment  
**Syntax Notes:**  
**Semantic Notes:**

- 1 PM01 is the transit routing number of the receiving financial institution.
- 2 PM02 is the electronic fund transfer recipient's account number.
- 3 PM03 is the authorization for electronic funds transfer indicator. A "Y" value indicates authorization has been granted to allow electronic funds transfer; an "N" value indicates no authorization has been granted for electronic funds transfer.
- 4 PM04 is the authorization signature for electronic funds transfer on file indicator. A "Y" value indicates that a signature has been obtained and is on file; an "N" value indicates a signature has not been obtained.
- 5 PM05 qualifies the account number indicated in PM02.
- 6 PM06 qualifies the Depository Financial Institution (DFI) Identification Number indicated in PM01.

**Comments:**

**Notes:** This segment is used when electronic debit or credit service has been identified in LIN03, LIN05 or LIN07.

**Data Element Summary**

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PM01	507 (DFI) Identification Number Depository Financial Institution (DFI) identification number	M AN 3/12
Must Use	PM02	508 Account Number Account number assigned The customer's account in the financial institution identified in PM01, to which debits or credits shall be applied.	M AN 1/35
Must Use	PM03	1073 Yes/No Condition or Response Code Code indicating a Yes or No condition or response Y Yes	M ID 1/1
Must Use	PM04	1073 Yes/No Condition or Response Code Code indicating a Yes or No condition or response N No Indicates that the customer has requested and authorized electronic debits or credits.	M ID 1/1
		Y Yes Indicates that a written authorization has been received by the CSP from the customer and is on file, thereby satisfying Regulation E, but an authorizing signature was not included.	
		Y Yes Indicates that a written authorization, including an authorizing signature, has been received by the CSP from the customer and is on file, thereby satisfying Regulation E.	
	PM05	569 Account Number Qualifier Code indicating the type of account DA Demand Deposit SG Savings	O ID 1/3
	PM06	506 (DFI) ID Number Qualifier Code identifying the type of identification number of Depository Financial Institution (DFI) Qualifies the customer financial institution identified in PM01.	O ID 2/2



**Segment:** **NM1 Individual or Organizational Name**  
**Position:** 080  
**Loop:** NM1 Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional (Must Use)  
**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NM101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	<b>M ID 2/3</b>
		2C	Co-Participant A third party who shares responsibility for payment of the customer's bill.	
		8R	Consumer Service Provider (CSP) Customer Identifies the customer associated with the service account identified in the NM1/REF segment. The N3 and N4 segments in the NM1 loop qualified by 8R specify the service address.	
		BY	Buying Party (Purchaser) Used to identify a centralized management or accounts payable location responsible for the location identified by '8R'.	
		FE	Mail Address	
		PK	Party to Receive Copy A third-party, named by the customer or the customer's representative, who is to receive copies of all notices or correspondence to the customer.	
Must Use	NM102	1065	<b>Entity Type Qualifier</b> Code qualifying the type of entity	<b>M ID 1/1</b>
		1	Person The entity name is segmented into discrete elements and transmitted via NM103, NM104, NM105, NM106 and NM107.	
		2	Non-Person Entity The entity name is not segmented and will be transmitted in NM103 only.	
		3	Unknown The entity name is not segmented and will be transmitted in NM103 only.	
	NM103	1035	<b>Name Last or Organization Name</b> Individual last name or organizational name	<b>O AN 1/35</b>
	NM104	1036	<b>Name First</b> Individual first name	<b>O AN 1/25</b>
	NM105	1037	<b>Name Middle</b> Individual middle name or initial	<b>O AN 1/25</b>
	NM106	1038	<b>Name Prefix</b> Prefix to individual name	<b>O AN 1/10</b>
	NM107	1039	<b>Name Suffix</b>	<b>O AN 1/10</b>

		Suffix to individual name		
<b>NM108</b>	<b>66</b>	<b>Identification Code Qualifier</b>	<b>X</b>	<b>ID 1/2</b>
		Code designating the system/method of code structure used for Identification Code (67)		
	24	Employer's Identification Number		
	34	Social Security Number		
	91	Assigned by Seller or Seller's Agent		
		An identifier assigned by the Consumer Service Provider (N101=8S)		
	92	Assigned by Buyer or Buyer's Agent		
		An identifier assigned by the Service Provider (N101=SJ)		
<b>NM109</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/20</b>
		Code identifying a party or other code		

**Segment:** N2 Additional Name Information  
**Position:** 090  
**Loop:** NM1 Optional (Must Use)  
**Level:** Summary:  
**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. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
Must Use	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60



**Segment:** N3 Address Information  
**Position:** 100  
**Loop:** NM1 Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

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

**Segment:** **N4 Geographic Location**  
**Position:** 110  
**Loop:** NM1 Optional (Must Use)  
**Level:** Summary:  
**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**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3

**Segment:** **PER Administrative Communications Contact**  
**Position:** 120  
**Loop:** NM1 Optional (Must Use)  
**Level:** Summary:  
**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named	<b>M ID 2/2</b>
			AL Alternate Contact Person to be contacted when the main contact is not available	
			IC Information Contact	
	PER02	93	<b>Name</b> Free-form name	<b>O AN 1/60</b>
	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number	<b>X ID 2/2</b>
			EM Electronic Mail	
			FX Facsimile	
			HP Home Phone Number	
			TE Telephone	
			WP Work Phone Number	
	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number	<b>X ID 2/2</b>
			EM Electronic Mail	
			FX Facsimile	
			HP Home Phone Number	
			TE Telephone	
			WP Work Phone Number	
	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number	<b>X ID 2/2</b>
			EM Electronic Mail	
			FX Facsimile	
			HP Home Phone Number	
			TE Telephone	
			WP Work Phone Number	
	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when	<b>X AN 1/80</b>

applicable

**Segment:** **REF** Reference Identification  
**Position:** 130  
**Loop:** NM1 Optional (Must Use)  
**Level:** Summary:  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

**Data Element Summary**

Must Use	Ref.	Data	Name	Attributes
	Des.	Element		M ID 2/3
	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	
		06	System Number A unique number assigned by the manufacturer to identify the initial computer system sold to the customer !!!! We plan to eliminate this code unless someone can define it prior to May 1st	
		0B	State License Number Energy Service Provider License or Registration number	
		11	Account Number Number identifies a telecommunications industry account Non-utility trading partner-assigned account number for the end use customer. In the deregulated, alternative energy supply environment, this is the Energy Service Provider-assigned account number for the end use customer.	
		12	Billing Account Account number under which billing is rendered Utility-assigned account number for end use customer.	
		18	Plan Number The unique identification number assigned for a defined contribution plan Reading estimation method. The estimation rules applied to estimate values for missing data.	
		45	Old Account Number Identifies accounts being changed Previous utility-assigned account number for the end use customer.	
		47	Plate Number !!!! We plan to eliminate this code unless someone can define it prior to May 1st	
		4L	Location-specific Services Reference Number Meter service voltage	
		4W	Study Radio Engineering Study !!!! We plan to eliminate this code unless someone can define it prior to May 1st	
		5B	Supplemental Account Number	

	Energy Service Provider-assigned account number for the utility.
6U	Question Number
	!!!! We plan to eliminate this code unless someone can define it prior to May 1st
7E	Collector Identification
	Meter reading service provider
9V	Payment Category
	Payment Option
BF	Billing Center Identification
	Billing cycle
BLT	Billing Type
	Identifies the party which is to render the bill to the customer.
D8	Loss Report Number
	Sequence number to identify a particular loss and its information. It will be assigned across all lines of business for a particular customer
	Distribution loss designator or identifier
H5	Special Clause
	Renewable Energy Provider. Indicates that renewable energy is provided for this account.
K0	Approval Code
	Customer has acknowledged responsibility for paying competitive transition charges (stranded costs).
KW	Certification
	A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor
	Certification Number
LO	Load Planning Number
	Load profile
LU	Location Number
	Identification number for the point where service is delivered to the customer.
MG	Meter Number
	Meter ID Serial Number
PL	Price List Number
PR	Price Quote Number
	Identifies a unit pricing category under a rate code
RB	Rate code number
	Identifies a rate or tariff
S0	Special Approval
	Indicates that the customer has authorized the release of confidential information.
SPL	Standard Point Location Code (SPLC)
	Point at which the customer is connected to the transmission grid
SR	Sales Responsibility
	Service relationship
ST	Store Number
	An internal reference number meaningful to the customer
SU	Special Processing Code

	Unique code identifying the special handling requirements for the claim
	Life support equipment verification
U0	Consolidator's Receipt Number
	Energy Service Provider transaction number
V9	Subservicer
	Meter owner
YG	Operator Identification
	Meter installer or maintainer
YT	Reporter Identification
	Automatic Meter Reading (AMR) device identification number
ZW	Area
	Number assigned by a regulatory agency which describes a producing oil or gas area
	Congestion zone - a geographic area that requires power that exceeds the line capacity of the transmission system.

**REF02      127      Reference Identification      X      AN 1/30**

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

When REF01 is BLT, valid values for REF02 are LDC (meaning the utility bills the customer), ESP (meaning the ESP bills the customer), and DUAL (meaning each party bills the customers).

When REF01 is H5, valid values for REF02 are Y (meaning renewable energy is provided), N (renewable energy is not provided).

When REF01 is S0,..... Y N

**Segment:** **SE** Transaction Set Trailer  
**Position:** 150  
**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.

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	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	M AN 4/9