

**Massachusetts  
Gas  
Implementation  
Guideline**

For  
**Electronic Data Interchange**

TRANSACTION SET

**814**

**Drop**

**Request and Response**

Ver/Rel 004010

# 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>
M	010	ST	Transaction Set Header	M	1		
M	020	BGN	Beginning Segment	M	1		
						1	
M	040	N1	LDC	M	1		n1
						1	
M	040	N1	Supplier	M	1		n2

## Detail:

	<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>
						>1	
M	010	LIN	Item Identification	M	1		
M	020	ASI	Action or Status Indicator	M	1		
	030	REF	Reject Reasons	O	>1		
M	030	REF	Supplier Account Number for Customer	M	1		
M	030	REF	LDC Account Number for Customer	M	1		
	030	REF	Old LDC Account Number for Customer	O	1		
	030	REF	REF ID (Meter Number)	O	1		
						>1	
M	080	NM1	Meter/Unmetered Information	M	1		n3
	140	DTM	Effective Date of Service	O	>1		
M	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 N1 loop is used to identify the transaction sender and receiver.
3. 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) 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:**

**Notes:**

Request: Required  
 Response: Required  
 ST\*814\*000000001

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b>	M ID 3/3
			Code uniquely identifying a Transaction Set	
			814 General Request, Response or Confirmation	
M	ST02	329	<b>Transaction Set Control Number</b>	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

**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.

**Comments:**

**Notes:**

Request: Required  
 Response: Required  
 For BGN 01 use the following:  
  
 814E - 814CS - 814CL - 814DC - 814DS - 814H use 13 request  
  
 814SE - 814ER - 814CC - 814DR use 11 response  
 BGN\*13\*199904011956531\*19990401  
 BGN\*11\*199904011956531\*19990402

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 11 Response Signifies that the requested service will be addressed as described in this transaction. 13 Request	M ID 2/2
M	BGN02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier On the request, this is a unique transaction identification number assigned by the originator of this transaction. On the response, the tracking number from the request is echoed back in this BGN02.	M AN 1/30
M	BGN03	373	<b>Date</b> Date expressed as CCYYMMDD The transaction creation date - the date that the data was processed by the sender's application system.	M DT 8/8

**Segment:** N1 LDC  
**Position:** 040  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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.

**Notes:** Request: Required  
 Response: Required  
 N1\*8S\*LDC COMPANY\*1\*007909411\*\*40 (as Receiver)  
 N1\*8S\*LDC COMPANY\*9\*0079094110001\*\*40 (as Receiver)  
 N1\*8S\*LDC COMPANY\*1\*007909411\*\*41 (as Sender)  
 N1\*8S\*LDC COMPANY\*9\*0079094110001\*\*41 (as Sender)

### Data Element Summary

Ref.	Data Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			8S Consumer Service Provider (CSP)	
			LDC	
M	N102	93	Name	M AN 1/60
			Free-form name	
			LDC Company Name	
M	N103	66	Identification Code Qualifier	M 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	
M	N104	67	Identification Code	M AN 9/13
			Code identifying a party or other code	
			This is the LDC's DUN & Bradstreet Number with or without the +4.	
M	N106	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			40 Receiver	
			41 Submitter	

**Segment:** N1 Supplier  
**Position:** 040  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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.

**Notes:** Request: Required  
 Response: Required  
 N1\*SJ\*ESP COMPANY\*9\*0079094220001\*\*41 (as Sender)  
 N1\*SJ\*ESP COMPANY\*1\*007909422\*\*41 (as Sender)  
 N1\*SJ\*ESP COMPANY\*9\*0079094220001\*\*40 (as Receiver)  
 N1\*SJ\*ESP COMPANY\*1\*007909422\*\*40 (as Receiver)

#### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	<b>Entity Identifier Code</b>	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			SJ Service Provider	
			Supplier	
M	N102	93	<b>Name</b>	M AN 1/60
			Free-form name	
			This is the Supplier's name.	
M	N103	66	<b>Identification Code Qualifier</b>	M 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	
M	N104	67	<b>Identification Code</b>	M AN 9/13
			Code identifying a party or other code	
			This is the DUN & Bradstreet Number with or without the +4.	
M	N106	98	<b>Entity Identifier Code</b>	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			40 Receiver	
			41 Submitter	

**Segment:** **LIN** Item Identification

**Position:** 010

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify basic item identification data

**Syntax Notes:**

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- 1 LIN01 is the line item identification
- 2 See the Data Dictionary for a complete list of IDs.
- 3 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.

**Notes:**

Request: Required

Response: Required

LIN\*CE199912310800000001\*SH\*GAS\*SH\*CE (Supplier Services)

#### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	LIN01	350	<b>Assigned Identification</b>	M AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
			On the request, this is a unique tracking number. Only one LIN loop per transaction.	
M	LIN02	235	<b>Product/Service ID Qualifier</b>	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			SH Service Requested	
M	LIN03	234	<b>Product/Service ID</b>	M AN 1/48
			Identifying number for a product or service	
			GAS Gas Service	
			Indicates a customer request to obtain gas service.	
M	LIN04	235	<b>Product/Service ID Qualifier</b>	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			SH Service Requested	
M	LIN05	234	<b>Product/Service ID</b>	M AN 2/2
			Identifying number for a product or service	
			CE Supplier Services	
			Indicates a customer request to enroll in the service defined in LIN03 (Gas Delivery)	

**Segment:** **ASI** Action or Status Indicator

**Position:** 020

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Mandatory

**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:**

Request: Required  
Response: Required  
ASI\*7\*024 - (814DS & 814DC- Request)  
ASI\*U\*024 - (814DR - Reject)  
ASI\*WQ\*024 - (814DR - confirmation of drop)

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ASI01	306	<b>Action Code</b> Code indicating type of action 7 Request U Reject WQ Accept	M ID 1/2
M	ASI02	875	<b>Maintenance Type Code</b> Code identifying the specific type of item maintenance 024 Cancellation or Termination	M ID 3/3



**Segment:** **REF** **Reject Reasons**  
**Position:** 030  
**Loop:** LIN Mandatory  
**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:**  
**Notes:**

Request: Not Used  
 Response: Required for Error Response  
 REF\*7G\*DIV (example only)

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	REF01 128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 7G Data Quality Reject Reason	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 008 Account exists but is not active A13 Other - see REF03 A76 Account not found ABN Duplicate request received ACI Action Code (ASI01) Invalid DIV Date Invalid MNM The meter number does not match any meter associated with the account UND Cannot identify ESP UNE Cannot identify LDC	M AN 3/3

**Segment:** **REF** Supplier Account Number for Customer  
**Position:** 030  
**Loop:** LIN Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**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:**

Request: Required if previously sent by supplier  
Response: Required if previously sent by supplier  
REF\*11\*2348400586

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		11 Account Number	
		Supplier assigned account number for end use customer	
M	REF02	127 Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Account Number	

**Segment:** **REF** LDC Account Number for Customer  
**Position:** 030  
**Loop:** LIN Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**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:** Request: Required  
Response: Required  
REF\*12\*2931839200

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account LDC Company assigned account number for end use customer	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Account Number	M AN 1/30

**Segment:** **REF** Old LDC Account Number for Customer  
**Position:** 030  
**Loop:** LIN Mandatory  
**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:**  
**Notes:** This segment is used at the discretion of each LDC. Please check with your LDC to see if they are using this segment or not.  
 REF\*45\*1105687500

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 45 Old Account Number LDC Company previous account number for the end use customer.	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 LDC's previous account number for the customer.	M AN 1/30

**Segment:** **REF** REF ID (Meter Number)  
**Position:** 030  
**Loop:** LIN Mandatory  
**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:**  
**Notes:**

Required when supplier drops customer.  
 Optional where customer drops supplier.  
 REF\*MG\*1234567

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification MG Meter Number	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 Meter Number	M AN 3/4

**Segment:** **NM1** Meter/Unmetered Information  
**Position:** 080  
**Loop:** NM1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**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.  
**Notes:** Request: Required  
 Response: Required  
 NM1\*MQ\*3\*\*\*\*\*93\*1234567

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	NM101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual MQ Metering Location Meter Level Information Change - use when changing existing Meter level Information or Attribute(s) for an existing Meter. Also used when enrolling a customer for the first time.	M ID 2/3
M	NM102	1065	<b>Entity Type Qualifier</b> Code qualifying the type of entity 3 Unknown	M ID 1/1
M	NM108	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 32 Assigned by Property Operator Meter Number 93 Code assigned by the organization originating the transaction set This code used when a Meter Number is NOT provided in NM109 (i.e., when NM109 contains "UNMETERED").	M ID 1/2
M	NM109	67	<b>Identification Code</b> Code identifying a party or other code Meter Number UNMETERED - for Unmetered Services	M AN 2/80

**Segment:** **DTM** Effective Date of Service  
**Position:** 140  
**Loop:** NM1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**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:**

Request: Required  
Response: Required  
DTM\*150\*19990101

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
				150 Service Period Start	
				Date that the service with the Supplier will start.	
M	DTM02	373	Date		M DT 8/8
				Date expressed as CCYYMMDD	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 150  
**Loop:**  
**Level:** Detail  
**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:**

Request: Required  
 Response: Required  
 SE\*28\*00000001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number 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