

**Massachusetts
Gas
Implementation
Guideline**

For
Electronic Data Interchange

TRANSACTION SET

824

Application Advice

Ver/Rel 004010

824 Application Advice

Functional Group ID=AG

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

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		
						LOOP ID - N1	>1
M	030	N1	LDC	M	1		
						LOOP ID - N1	>1
M	030	N1	Supplier	M	1		
						LOOP ID - N1	>1
M	030	N1	Customer	M	1		
M	070	REF	LDC Account Number for Customer	M	12		
M	070	REF	Supplier Account Number for Customer	M	12		
	070	REF	OLD LDC Account Number for Customer	O	12		

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>
						LOOP ID - OTI	1
M	010	OTI	Original Transaction Identification	M	1		n1
	020	REF	Reference Identification (Meter Number)	O	12		n2
						LOOP ID - TED	>1
M	070	TED	Technical Error Description	M	1		
	080	NTE	Note/Special Instruction	O	100		
M	090	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
2. The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.

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: ST*824*00000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			824 Application Advice	
M	ST02	329	Transaction Set Control Number	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: BGN*11*199907111230001*19990711*****82

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response	M ID 2/2
M	BGN02	127	Reference Identification 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 of this transaction.	M AN 1/30
M	BGN03	373	Date 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
M	BGN08	306	Action Code Code indicating type of action 82 Follow Up Indicates that the receiver of the transaction must investigate and resend if necessary.	M ID 1/2

Segment: N1 LDC
Position: 030
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: N1*8S*LDC COMPANY*1*007909411**40
 N1*8S*LDC COMPANY*9*007909411LDCC**41

Data Element Summary

Ref.	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's 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 2/80
		Code identifying a party or other code	
		LDC D-U-N-S Number or D-U-N-S + 4 Number	
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: 030
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: N1*SJ*SUPPLIER COMPANY*9*007909422ESP1**40
 N1*SJ*SUPPLIER COMPANY*1*0070909422**41

Data Element Summary

Ref.	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	
		SJ Service Provider	
		Supplier	
M	N102	93 Name	M AN 1/60
		Free-form name	
		Supplier 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 2/80
		Code identifying a party or other code	
		Supplier D-U-N-S Number or D-U-N-S + 4 Number	
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** Customer
Position: 030
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: N1*8R

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element	Entity Identifier Code	M ID 2/3
M	N101	98	
		Code identifying an organizational entity, a physical location, property or an individual	
		8R	Consumer Service Provider (CSP) Customer
			Customer

Segment: **REF** LDC Account Number for Customer
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 12
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: REF*12*33445566

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 Account Number for 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** Supplier Account Number for Customer
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 12
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: REF*11*223344

Data Element Summary

	<u>Ref. Des.</u>	<u>Data 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 Account Number for 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** OLD LDC Account Number for Customer
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 12
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*99887766

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			45 Old Account Number	
			OLD LDC Account Number for 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	
			LDC's previous account number for the customer.	

Segment: **OTI Original Transaction Identification**

Position: 010
Loop: OTI Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

Syntax Notes: 1 If OTI09 is present, then OTI08 is required.

- Semantic Notes:**
- 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
 - 2 OTI06 is the group date.
 - 3 OTI07 is the group time.
 - 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
 - 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
 - 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
 - 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
 - 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
 - 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
 - 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

- Comments:**
- 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
 - 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
 - 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Notes: OTI*TR*TN*1999010100001*****867

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	OTI01	110	Application Acknowledgment Code Code indicating the application system edit results of the business data TR Transaction Set Reject	M ID 1/2
M	OTI02	128	Reference Identification Qualifier Code qualifying the Reference Identification TN Transaction Reference Number	M ID 2/3
This data element is populated from the following data elements of the original transaction: 810 - BIG02 820 - REF02 - Tracking Number 867 - BPT02 248 - BHT03				
M	OTI03	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
This data element is populated from the following data elements of the original transaction.				
M	OTI10	143	Transaction Set Identifier Code	M ID 3/3

Code uniquely identifying a Transaction Set

248	Account Assignment/Inquiry and Service/Status
	Write-off
810	Invoice
820	Payment Order/Remittance Advice
867	Product Transfer and Resale Report

Segment: **REF** Reference Identification (Meter Number)
Position: 020
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: 12
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: REF*MG*1234567

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			MG Meter Number	
	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	

Segment: **TED** Technical Error Description
Position: 070
Loop: TED Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Comments: 1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
Notes: Only one error per inbound transaction is permitted
 TED*848*A76

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	TED01	647	Application Error Condition Code Code indicating application error condition 848 Incorrect Data	M ID 1/3
M	TED02	3	Free Form Message Free-form text 008 Account exists but is not active Valid for 810-S EXAMPLE: Adjustment sent after the right off has been made. A13 Other Valid for 248, 810, 820, 867 See NTE for further definition of error. A74 Energy Supplier account invalid or not found Valid for 810-B, 810-S, 867-M, 248, 820 A76 Utility Account Invalid or Not Found Valid for 810-S, 810-B, 867-M, 248, 820 CRI Cross Reference Number Invalid The cross reference number provided on the 810 does not match the cross reference number on an open 867. D76 D-U-N-S Number Invalid or Not Found DIV Invalid or missing date Valid for 248, 810-B, 820, 867-M FRF Bill Type Mismatch An 810 was received by the Billing Party for a customer that is listed as having a different bill option. IAA Invalid Adjustment Amount IAC Invalid Adjustment Code SUM Sum of Details does not equal total Valid for 820	M AN 1/60

Segment: **NTE** Note/Special Instruction
Position: 080
Loop: TED Mandatory
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

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

Notes: Used to further describe the status reason code A13 sent in TED02.

NTE*ADD*PG

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	NTE01	363	Note Reference Code	M ID 3/3
			Code identifying the functional area or purpose for which the note applies	
			ADD Additional Information	
M	NTE02	352	Description	M AN 1/80
			A free-form description to clarify the related data elements and their content	
			Rejection Reason Text to define A13 from TED02.	
			METER Meter Account Mismatch	

Segment: **SE** Transaction Set Trailer
Position: 090
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: ST*28*000001

Data Element Summary

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