873 Commodity Movement Services

<div align="right">

Functional Group ID=CU

</div>

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Commodity Movement Services Transaction Set (873) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to convey request and response information for commodity movement services. This transaction is not to be used for product sales or purchases.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
M	0500	N1	Party Identification	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - DTM			>1	
M	0100	DTM	Date/Time Reference	M	1		
	0200	N9	Extended Reference Information	O	>1		
Must Use	0400	LCD	Place/Location Description	O	1		
			LOOP ID - SLN			>1	
Must Use	0700	SLN	Subline Item Detail	O	1		
Must Use	0800	LQ	Industry Code Identification	O	>1		
			LOOP ID - N1			>1	
Must Use	1100	N1	Party Identification	O	1		
	1300	N9	Extended Reference Information	O	>1		
M	1600	SE	Transaction Set Trailer	M	1		

Segment: **ST** **Transaction Set Header**

Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**1**	**ID 3/3**

Code uniquely identifying a Transaction Set

    873   Commodity Movement Services

	Ref. Des.	Data Element	Name	Attributes		
M	**ST02**	**329**	**Transaction Set Control Number**	**M**	**1**	**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: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	BGN01	353	**Transaction Set Purpose Code**	M	1	ID 2/2
			Code identifying purpose of transaction set			
			00 Original			
M	BGN02	127	**Reference Identification**	M	1	AN 1/22
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Transaction Identifier			
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.			
M	BGN03	373	**Date**	M	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
			The confirmation request issue date.			
>>	BGN07	640	**Transaction Type Code**	O	1	ID 2/2
			Code specifying the type of transaction			
			G2 Request for Confirmation			

Segment: # N1 Party Identification

Position: 0500
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Notes: For NAESB WGQ, this segment should occur once for each value in the N101 element.

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes
M	N101	98	**Entity Identifier Code**	M	1	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

CNP	Confirming Party
CNR	Confirmation Requester

>>	N103	66	**Identification Code Qualifier**	X	1	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

Parties should mutually agree to use the Transportation Service Provider's proprietary entity code when the D-U-N-S® Number is not available.

1	D-U-N-S Number, Dun & Bradstreet

For NAESB WGQ, this code value may only be used when sending the Confirming Party or Confirmation Requester.

SV	Service Provider Number

For NAESB WGQ, this code value may only be used when sending the Confirming Party Proprietary Code or Confirmation Requester Proprietary Code.

>>	N104	67	**Identification Code**	X	1	AN 2/17

Code identifying a party or other code

Confirming Party/Confirming Party Proprietary Code, Confirmation Requester/Confirmation Requester Proprietary Code

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

	Segment:	**DTM** Date/Time Reference
	Position:	0100
	Loop:	DTM Mandatory
	Level:	Detail
	Usage:	Mandatory
	Max Use:	1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	DTM01	374	**Date/Time Qualifier**	M	1	ID 3/3
			Code specifying type of date or time, or both date and time			
			007　　　　　Effective			
>>	DTM05	1250	**Date Time Period Format Qualifier**	X	1	ID 2/3
			Code indicating the date format, time format, or date and time format			
			RD8　　　　　Range of Dates Expressed in Format CCYYMMDD 　　　　　　　　-CCYYMMDD			
			This code designates the range of Gas Days in which 　　　　　the transaction will occur. For example, the entire 　　　　　month of April 2001 would be stated as 20010401 　　　　　-20010430.			
>>	DTM06	1251	**Date Time Period**	X	1	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times			
			Beginning Date, Ending Date			
			The gas day of April 1, 2016 would be stated as: 20160401-20160401			

Segment: **N9** **Extended Reference Information**

Position: 0200
Loop: DTM   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Notes: For NAESB WGQ, this segment is mutually agreed.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M	**N901**	**128**	**Reference Identification Qualifier**	**M**	**1**	**ID 2/3**

Code qualifying the Reference Identification

    CYI   Cycle Indicator

Ref. Des.	Data Element	Name	Attributes		
>>	**N902**	**127**	**Reference Identification**	**X**	**1**	**AN 1/50**

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

Cycle Indicator
* There is not standardized code value description or abbreviation. The code value description and/or abbreviation will be provided by the TSP.

    EVE   Evening Cycle
    ID1   Intraday 1
    ID2   Intraday 2
    ID3   Intraday 3
    TIM   Timely

Segment: # LCD Place/Location Description

Position: 0400
Loop: DTM   Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: For NAESB WGQ, this segment is mandatory.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> LCD02	98	**Entity Identifier Code**	O	1	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

    LCN   Gas Nomination Location

>> LCD05	66	**Identification Code Qualifier**	X	1	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

    SV   Service Provider Number

>> LCD06	67	**Identification Code**	X	1	**AN 2/17**

Code identifying a party or other code

Location

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Segment: # SLN Subline Item Detail

Position: 0700
Loop: SLN   Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	SLN01	350	**Assigned Identification**	M	1	AN 1/11

Alphanumeric characters assigned for differentiation within a transaction set

Confirmation Tracking Identifier

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

	Ref. Des.	Data Element	Name		Attributes	
M	SLN03	662	**Relationship Code**	M	1	ID 1/1

Code indicating the relationship between entities

    I   Included

	Ref. Des.	Data Element	Name		Attributes	
>>	SLN04	380	**Quantity**	X	1	R 1/15

Numeric value of quantity

Quantity

	Ref. Des.	Data Element	Name		Attributes	
>>	SLN05	C001	**Composite Unit of Measure**	X	1	

To identify a composite unit of measure (See Figures Appendix for examples of use)

	Ref. Des.	Data Element	Name		Attributes	
M	C00101	355	**Unit or Basis for Measurement Code**	M		ID 2/2

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

    BZ   Million BTU's

Segment: **LQ** **Industry Code Identification**
Position: 0800
Loop: SLN   Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: >1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	LQ01	1270	**Code List Qualifier Code**	O	1	ID 1/3

Code identifying a specific industry code list

Refer to "LQ Segments (Sub-detail)" table for usage and values.

CFI   Contractual Flow Indicator

	Ref. Des.	Data Element	Name	Attributes		
>>	LQ02	1271	**Industry Code**	X	1	AN 1/30

Code indicating a code from a specific industry code list

Contractual Flow Indicator

Refer to "LQ Segments (Sub-detail)" table for usage and values.

D   Delivery

R   Receipt

Segment: # N1 Party Identification

Position:	1100
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Notes:	For NAESB WGQ, this segment is mandatory.

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes
M	**N101**	**98**	**Entity Identifier Code**	**M**	**1**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

Refer to "N1 Segments (Sub-detail)" table for usage and values.

78	Service Requester
DW	Downstream Party
US	Upstream Party

	Ref. Des.	Data Element	Name			Attributes
>>	**N103**	**66**	**Identification Code Qualifier**	**X**	**1**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

Refer to "N1 Segments (Sub-detail)" table for usage and values.

1	D-U-N-S Number, Dun & Bradstreet

	Ref. Des.	Data Element	Name			Attributes
>>	**N104**	**67**	**Identification Code**	**X**	**1**	**AN 2/17**

Code identifying a party or other code

Upstream Identifier Code/Upstream Identifier Proprietary Code, Downstream Identifier Code/Downstream Identifier Proprietary Code, Service Requester/Service Requester Proprietary Code

Refer to "N1 Segments (Sub-detail)" table for usage and values.

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

	Ref. Des.	**Data Element**	**Name**		**Attributes**	

Segment: **N9** Extended Reference Information

Position: 1300
Loop: N1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Notes: For NAESB WGQ, this segment is business conditional.

Data Element Summary

	Ref. Des.	**Data Element**	**Name**	**Attributes**		
M	N901	128	**Reference Identification Qualifier**	M	1	ID 2/3

Code qualifying the Reference Identification

Refer to "N9 Segments (Sub-detail - N1 loop)" table for usage and values.

	DT	Downstream Shipper Contract Number
	KSR	Service Requester Contract Identifier
	UP	Upstream Shipper Contract Number

	Ref. Des.	**Data Element**	**Name**	**Attributes**		
>>	N902	127	**Reference Identification**	X	1	AN 1/30

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

Service Requester Contract, Upstream Contract Identifier, Downstream Contract Identifier,

Refer to "N9 Segments (Sub-detail - N1 loop)" table for usage and values.

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

Segment: **SE** **Transaction Set Trailer**

Position: 1600
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	SE01	96	**Number of Included Segments**	M	1	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	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			