

873 Commodity Movement Services

Functional Group ID=**CU**

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:

	<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	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:

	<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 - DTM	>1
M	0100	DTM	Date/Time Reference	M	1		
	0300	LQ	Industry Code Identification	O	>1		
Must Use	0400	LCD	Place/Location Description	O	1		
						LOOP ID - CS	1
	0500	CS	Contract Summary	O	1		
	0600	N1	Party Identification	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.	Data	Name	Attributes
Des.	Element		
M	ST01	143 Transaction Set Identifier Code	M 1 ID 3/3
		Code uniquely identifying a Transaction Set	
		873 Commodity Movement Services	
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

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

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.	Data	Name	Attributes
Des.	Element		
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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
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	
			DDT Range of Dates and Time, Expressed in CCYYMMDD-CCYYMMDDHHMM	
			This code designates the Gas Day on which the transaction is to be initiated through the instance in time when the transaction is to finish. For example, the entire month of April 2001 would be stated as 20010401-200105010900.	
			DTD Range of Dates and Time, Expressed in CCYYMMDDHHMM-CCYYMMDD	
			This code designates the instance in time when the transaction is to be initiated through the Gas Day on which the transaction is to finish. For example, the entire month of April 2001 would be stated as 200104010900-20010430.	
			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.	
			RDT Range of Date and Time, Expressed in Format CCYYMMDDHHMM-CCYYMMDDHHMM	
			This code designates the instance in time when the transaction is to be initiated through the instance in time when the transaction is to finish. For example, the entire month of April 2001 would be stated as 200104010900-200105010900.	
>>	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, Beginning Time, Ending Date, Ending Time

For NNG, the time can be sent but only the date portion is processed.

The gas day of April 1, 2016 would be stated as:

20160401HHMM-20160401HHMM

Segment: **LQ** Industry Code Identification
Position: 0300
Loop: DTM Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Notes: For NAESB WGQ, this segment is conditional.

Data Element Summary

Ref.	Data	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	
>>	LQ01 1270 Code List Qualifier Code	O 1 ID 1/3
	Code identifying a specific industry code list Refer to "LQ Segments (Detail)" table for usage and values.	
	LCF Location Capacity Flow Indicator	
>>	LQ02 1271 Industry Code	X 1 AN 1/30
	Code indicating a code from a specific industry code list Location Capacity Flow Indicator, Confirmation Role Refer to "LQ Segments (Detail)" table for usage and values.	
	D Delivery	
	R Receipt	

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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>> 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: **CS** Contract Summary
Position: 0500
Loop: CS Optional
Level: Detail
Usage: Optional
Max Use: 1
Notes: For NAESB WGQ, this segment is business conditional.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
>> CS01	367 Contract Number Contract number Confirmation Service Contract	O 1 AN 1/30

Segment: **N1 Party Identification**
Position: 0600
Loop: CS Optional
Level: Detail
Usage: Optional
Max Use: >1
Notes: For NAESB WGQ, this segment is conditional.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	Entity Identifier Code	M 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		CNS	Confirmation Service Identifier Code	
>>	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 Confirmation Service Identifier Code.	
		SV	Service Provider Number	
			For NAESB WGQ, this code value may only be used when sending the Confirmation Service Identifier Proprietary Code.	
>>	N104	67	Identification Code	X 1 AN 2/17
			Code identifying a party or other code	
			Confirmation Service Identifier Code/Confirmation Service Identifier Proprietary Code	
			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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SLN01	350	Assigned Identification 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.	M 1 AN 1/11
M	SLN03	662	Relationship Code Code indicating the relationship between entities I Included	M 1 ID 1/1
>>	SLN04	380	Quantity Numeric value of quantity Quantity	X 1 R 1/15
>>	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X 1
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken BZ Million BTU's	M ID 2/2

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.	Data	Name	Attributes
Des.	Element		
>>	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	
>>	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

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

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

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