

# 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		
	0470	QTY	Quantity Information	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**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 873 Commodity Movement Services	M 1 ID 3/3
M	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 1 AN 4/9

**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	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original	M 1 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 <i>Transaction Identifier</i>	M 1 AN 1/22
<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>				
M	BGN03	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <i>The confirmation request issue date.</i>	M 1 DT 8/8
Must Use	BGN07	640	<b>Transaction Type Code</b> 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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual CNP Confirming Party CNR Confirmation Requester	M 1 ID 2/3
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) <i>Parties should mutually agree to use the Transportation Service Provider's proprietary entity code when the D-U-N-S® Number is not available.</i> 1 D-U-N-S Number, Dun & Bradstreet <i>For NAESB WGQ, this code value may only be used when sending the Confirming Party or Confirmation Requester.</i> SV Service Provider Number <i>For NAESB WGQ, this code value may only be used when sending the Confirming Party Proprietary Code or Confirmation Requester Proprietary Code.</i>	X 1 ID 1/2
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code <i>Confirming Party/Confirming Party Proprietary Code, Confirmation Requester/Confirmation Requester Proprietary Code</i>  <i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	X 1 AN 2/17

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

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 007 Effective	M 1 ID 3/3
Must Use	DTM05	1250	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format DDT Range of Dates and Time, Expressed in CCYYMMDD-CCYYMMDDHHMM <i>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.</i> DTD Range of Dates and Time, Expressed in CCYYMMDDHHMM-CCYYMMDD <i>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.</i> RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD <i>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.</i> RDT Range of Date and Time, Expressed in Format CCYYMMDDHHMM-CCYYMMDDHHMM <i>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.</i>	X 1 ID 2/3
Must Use	DTM06	1251	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times <i>Beginning Date, Beginning Time, Ending Date, Ending Time</i>	X 1 AN 1/35

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**

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

**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LCD02	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual LCN Gas Nomination Location	O 1 ID 2/3
Must Use	LCD05	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) SV Service Provider Number	X 1 ID 1/2
Must Use	LCD06	67	<b>Identification Code</b> Code identifying a party or other code <i>Location</i>	X 1 AN 2/17

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

**Segment:** **QTY** **Quantity Information**  
**Position:** 0470  
**Loop:** DTM Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Notes:** *For NAESB WGQ, this segment is mutually agreed.*

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity L8 Location Net Capacity	M 1 ID 2/2
Must Use	QTY02	380	<b>Quantity</b> Numeric value of quantity <i>Location Capacity</i>	X 1 R 1/15
Must Use	QTY03	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	O 1
M	C00101	355	<b>Unit or Basis for Measurement Code</b> 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:** **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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CS01	367	Contract Number Contract number <i>Confirmation Service Contract</i>	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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual CNS Confirmation Service Identifier Code	M 1 ID 2/3
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) <i>Parties should mutually agree to use the Transportation Service Provider's proprietary entity code when the D-U-N-S® Number is not available.</i> 1 D-U-N-S Number, Dun & Bradstreet <i>For NAESB WGQ, this code value may only be used when sending the Confirmation Service Identifier Code.</i> SV Service Provider Number <i>For NAESB WGQ, this code value may only be used when sending the Confirmation Service Identifier Proprietary Code.</i>	X 1 ID 1/2
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code <i>Confirmation Service Identifier Code/Confirmation Service Identifier Proprietary Code</i>	X 1 AN 2/17

*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	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set <i>Confirmation Tracking Identifier</i>	M 1 AN 1/11
<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>				
M	SLN03	662	<b>Relationship Code</b> Code indicating the relationship between entities I Included	M 1 ID 1/1
Must Use	SLN04	380	<b>Quantity</b> Numeric value of quantity <i>Quantity</i>	X 1 R 1/15
Must Use	SLN05	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	X 1
M	C00101	355	<b>Unit or Basis for Measurement Code</b> 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**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	LQ01	1270	<b>Code List Qualifier Code</b> Code identifying a specific industry code list <i>Refer to "LQ Segments (Sub-detail)" table for usage and values.</i>	O	1 ID 1/3
			CFI Contractual Flow Indicator		
Must Use	LQ02	1271	<b>Industry Code</b> Code indicating a code from a specific industry code list <i>Contractual Flow Indicator</i>  <i>Refer to "LQ Segments (Sub-detail)" table for usage and values.</i>	X	1 AN 1/30

**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <i>Refer to "N1 Segments (Sub-detail)" table for usage and values.</i> 78 Service Requester DW Downstream Party US Upstream Party	M 1 ID 2/3
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) <i>Refer to "N1 Segments (Sub-detail)" table for usage and values.</i> 1 D-U-N-S Number, Dun & Bradstreet	X 1 ID 1/2
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code <i>Upstream Identifier Code/Upstream Identifier Proprietary Code, Downstream Identifier Code/Downstream Identifier Proprietary Code, Service Requester/Service Requester Proprietary Code</i>  <i>Refer to "N1 Segments (Sub-detail)" table for usage and values.</i>  <i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	X 1 AN 2/17

**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <i>Refer to "N9 Segments (Sub-detail - N1 loop)" table for usage and values.</i>	M 1 ID 2/3
			DT Downstream Shipper Contract Number	
			KSR Service Requester Contract Identifier	
			UP Upstream Shipper Contract Number	
Must Use	N902	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Service Requester Contract, Upstream Contract Identifier, Downstream Contract Identifier,</i>  <i>Refer to "N9 Segments (Sub-detail - N1 loop)" table for usage and values.</i>  <i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	X 1 AN 1/30

**Segment:** **SE** Transaction Set Trailer  
**Position:** 1600  
**Loop:**  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1

**Data Element Summary**

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