

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		
Must Use	0400	DTM	Date/Time Reference	O	>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		
	0200	N9	Extended Reference Information	O	>1		
LOOP ID - CS						1	
Must Use	0500	CS	Contract Summary	O	1		
LOOP ID - SLN						>1	
Must Use	0700	SLN	Subline Item Detail	O	1		
Must Use	0800	LQ	Industry Code Identification	O	>1		
	0900	N9	Extended Reference Information	O	>1		
LOOP ID - N1						>1	
Must Use	1100	N1	Party Identification	O	1		
	1200	LCD	Place/Location Description	O	1		
	1300	N9	Extended Reference Information	O	>1		
	1400	LQ	Industry Code Identification	O	>1		
	1500	QTY	Quantity 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	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 873 Commodity Movement Services	M 1 ID 3/3
M	ST02	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 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	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 <i>The scheduled quantity number assigned by the scheduled quantity document originator.</i>	M 1 AN 1/80
M	BGN03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <i>The scheduled quantity issue date.</i>	M 1 DT 8/8
Must Use	BGN07	640	Transaction Type Code Code specifying the type of transaction Q1 Scheduled Quantity	O 1 ID 2/2

Segment: **DTM** **Date/Time Reference**
Position: 0400
Loop:
Level: Heading
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	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 102 Issue	M 1 ID 3/3
Must Use	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format DT Date and Time Expressed in Format CCYYMMDDHHMM	X 1 ID 2/3
Must Use	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times <i>Statement Date/Time</i>	X 1 AN 1/35

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	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 78 Service Requester SJ Service Provider	M 1 ID 2/3
Must Use	N103	66	Identification Code Qualifier 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 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 Transportation Service Provider or Service Requester.</i> SV Service Provider Number <i>For NAESB WGQ, this code value may only be used when sending the Transportation Service Provider Proprietary Code or Service Requester Proprietary Code.</i>	X 1 ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code <i>Transportation Service Provider/Transportation Service Provider Proprietary Code, Service Requester/Service Requester 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: **DTM** **Date/Time Reference**
Position: 0100
Loop: DTM Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective	M 1 ID 3/3
Must Use	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format 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>	X 1 ID 2/3
Must Use	DTM06	1251	Date Time Period 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

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification CYI Cycle Indicator	M 1 ID 2/3
Must Use	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Cycle Indicator</i> <i>* There is no standardized code value description or abbreviation. The code value description and/or abbreviation will be provided by the TSP.</i> EVE Evening Cycle ID1 Intraday 1 ID2 Intraday 2 ID3 Intraday 3 TD1 Non-Grid A.M. TD2 Final A.M. TIM Timely	X 1 AN 1/80

Segment: **CS** **Contract Summary**
Position: 0500
Loop: CS 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>
Must Use	CS01	367	Contract Number Contract number <i>Service Requester Contract</i>	O	1 AN 1/30
Must Use	CS04	128	Reference Identification Qualifier Code qualifying the Reference Identification NMT Nomination Model Type	X	1 ID 2/3
Must Use	CS05	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Model Type</i>	X	1 AN 1/30

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

N Non-Pathed Model
 P Pathed Model

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 <i>Nominator's Tracking ID</i> <i>For NAESB WGQ, when Nominator's Tracking ID is not used, send "N/A".</i> <i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	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 <i>Fuel Quantity</i> <i>For NAESB WGQ, this element is mutually agreed.</i>	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
	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	X ID 2/2
	SLN06	212	Unit Price Price per unit of product, service, commodity, etc. <i>Bid Transportation Rate</i> <i>For NAESB WGQ, this element is conditional.</i> <i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	X 1 R 1/14

Segment: **LQ** **Industry Code Identification**
Position: 0800
Loop: SLN Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: >1
Notes: *For NAESB WGQ, this segment is mandatory. These data elements, with the exception of Reduction Reason, are not needed when the Nominator's Tracking ID is used. Reduction Reason is mandatory in all cases.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list <i>Refer to "LQ Segments (Sub-detail)" table for usage and values.</i> CT Compensation Type Codes <i>Capacity Type Indicator</i> PRI Processing Rights Indicator RED Reduction Reason Code TT Natural Gas Transaction Type	O 1 ID 1/3
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list <i>Reduction Reason, Transaction Type, Capacity Type Indicator, Processing Rights Indicator</i> <i>Refer to "LQ Segments (Sub-detail)" table for usage and values.</i>	X 1 AN 1/30

Segment: **N9** Extended Reference Information
Position: 0900
Loop: SLN Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Notes: For NAESB WGQ, this segment is conditional. However, these data elements are not needed when the Nominator's Tracking ID is used.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Refer to "N9 Segments (Sub-detail)" table for usage and values.</i>	M 1 ID 2/3
			PKG Package Identifier	
Must Use	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Package ID</i> <i>Refer to "N9 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 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 and should be sent for at least one of the values in the N101 element.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual DW Downstream Party US Upstream Party	M 1 ID 2/3
Must Use	N103	66	Identification Code Qualifier 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 Upstream Identifier Code or Downstream Identifier Code.</i> SV Service Provider Number <i>For NAESB WGQ, this code value may only be used when sending the Upstream Identifier Proprietary Code or Downstream Identifier Proprietary Code.</i> ZZ Mutually Defined <i>For NAESB WGQ, this code value is used when the Nominator's Tracking ID is sent, or when the Model Type is Pathed Non-Threaded (Threaded Segment) (CS05 = 'T').</i>	X 1 ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code <i>Upstream Identifier Code/Upstream Identifier Proprietary Code, Downstream Identifier Code/Downstream Identifier Proprietary Code</i> <i>For NAESB WGQ, the Upstream Identifier Code and Downstream Identifier Code are not needed when the Nominator's Tracking ID is used, or when the Model Type is Pathed Non-Threaded (Threaded Segment) (CS05 = 'T'). In these cases, send "N/A".</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: **LCD** Place/Location Description
Position: 1200
Loop: N1 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Notes: For NAESB WGQ, this segment is mandatory and should be sent for at least one of the values in the LCD02 element. However, these data elements are not needed when the Nominator's Tracking ID is used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LCD02	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual <i>Refer to "LCD Segments (Sub-detail - N1 loop)" table for usage and values.</i>	O 1 ID 2/3
Must Use	LCD05	66	Identification Code Qualifier 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	Identification Code Code identifying a party or other code <i>Delivery Location, Receipt Location</i> <i>Refer to "LCD 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 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 conditional. However, these data elements are not needed when the Nominator's Tracking ID is used.*

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Refer to "N9 Segments (Sub-detail - N1 loop)" table for usages and values.</i>	M 1 ID 2/3
			DT Downstream Shipper Contract Number <i>For NAESB WGQ, this code value may only be used in the downstream N1 loop (N101 = 'DW').</i>	
			UP Upstream Shipper Contract Number <i>For NAESB WGQ, this code value may only be used in the upstream N1 loop (N101 = 'US').</i>	
Must Use	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Upstream Contract Identifier, Downstream Contract Identifier</i>	X 1 AN 1/30
			<i>The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.</i>	
			<i>Refer to "N9 Segments (Sub-detail - N1 loop)" table for usages and values.</i>	

Segment: **LQ Industry Code Identification**

Position: 1400

Loop: N1 Optional (Must Use)

Level: Detail

Usage: Optional

Max Use: >1

Notes: *For NAESB WGQ, this segment is conditional. However, these data elements, with the exception of Receipt Scheduling Status and Delivery Scheduling Status, are not needed when the Nominator's Tracking ID is used. The usages of Receipt Scheduling Status and Delivery Scheduling Status are not contingent on the presence of the Nominator's Tracking ID.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list <i>Refer to "LQ Segments (Sub-detail - N1 loop)" table for usage and values.</i>	O 1 ID 1/3
			R2 Receipt Rank (Priority)	
			R3 Delivery Rank (Priority)	
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list <i>Delivery Rank (Priority), Receipt Rank (Priority)</i> <i>Refer to "LQ Segments (Sub-detail - N1 loop)" table for usage and values.</i>	X 1 AN 1/30

Segment: **QTY** **Quantity Information**
Position: 1500
Loop: N1 Optional (Must Use)
Level: Detail
Usage: Optional
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	QTY01	673	Quantity Qualifier Code specifying the type of quantity <i>Refer to "QTY Segments (Sub-detail - N1 loop)" table for usage and values.</i> 87 Quantity Received QD Quantity Delivered	M 1 ID 2/2
Must Use	QTY02	380	Quantity Numeric value of quantity <i>Receipt Point Quantity, Delivery Point Quantity</i> <i>Refer to "QTY Segments (Sub-detail - N1 loop)" table for usage and values.</i>	X 1 R 1/15
Must Use	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O 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: **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	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 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 1 AN 4/9