

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		
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		
Must Use	1200	LCD	Place/Location Description	O	1		
	1300	N9	Extended Reference Information	O	>1		
	1400	LQ	Industry Code Identification	O	>1		
Must Use	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.</u> <u>Des.</u>	<u>Data</u> <u>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 nomination number assigned by the nomination 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 nomination issue date.</i>	M 1 DT 8/8
Must Use	BGN07	640	Transaction Type Code Code specifying the type of transaction G1 Nomination	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>Time Stamp</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 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 Transportation Service Provider or Service Requester.</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> <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	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> 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	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> For NNG, the time can be sent but only the date portion is processed. The entire month of April, 2016 would be stated as: 20160401HHMM-20160430HHMM	X 1 AN 1/35

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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Nominator's Tracking ID</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

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	Code List Qualifier Code Code identifying a specific industry code list <i>Refer to "LQ Segments (Sub-detail)" table for usage and values.</i> PRI Processing Rights Indicator QT Quantity Type Indicator 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>Quantity Type Indicator, Transaction Type, Processing Rights Indicator</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 sender's option.

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 <i>Refer to "N9 Segments (Sub-detail)" table for usage and values.</i> PKG Package Identifier	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>Package ID</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

	Ref.	Data	Name	Attributes
	Des.	Element		
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>	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>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 (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 LCD02 element.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
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
		M2	Receipt Location <i>For NAESB WGQ, this code value may only be used in the upstream N1 loop (N101 = 'US').</i>	
		MQ	Delivery Location <i>For NAESB WGQ, this code value may only be used in the downstream N1 loop (N101 = 'DW').</i>	
Must Use	LCD05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X 1 ID 1/2
		SV	Service Provider Number	
Must Use	LCD06	67	Identification Code Code identifying a party or other code <i>Delivery Location, Receipt 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: **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	Reference Identification Qualifier Code qualifying the Reference Identification <i>Refer to "N9 Segments (Sub-detail - N1 loop)" table for usage and values.</i> DT Downstream Shipper Contract Number UP Upstream Shipper Contract Number	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>Downstream Contract Identifier, Upstream Contract Identifier</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: **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 business conditional.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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> R2 Receipt Rank (Priority) R3 Delivery Rank (Priority)	O 1 ID 1/3
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list <i>Delivery Rank (Priority), Receipt Rank (Priority)</i>	X 1 AN 1/30

Segment: **QTY** **Quantity Information**
Position: 1500
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	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> 38 Original Quantity	M 1 ID 2/2
Must Use	QTY02	380	Quantity Numeric value of quantity <i>Quantity</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>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</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