

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

Ref.	Data	Name	Attributes
Des.	Element		
M	ST01	143 Transaction Set Identifier Code Code 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 The scheduled quantity number assigned by the scheduled quantity document originator.	M 1 AN 1/80
M	BGN03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year The scheduled quantity issue date.	M 1 DT 8/8
>>	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

	Ref.	Data		Attributes
	Des.	Element	Name	
M	DTM01	374	Date/Time Qualifier	M 1 ID 3/3
			Code specifying type of date or time, or both date and time	
			102 Issue	
>>	DTM05	1250	Date Time Period Format Qualifier	X 1 ID 2/3
			Code indicating the date format, time format, or date and time format	
			DT Date and Time Expressed in Format	
			CCYYMMDDHHMM	
>>	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	
			Statement Date/Time	

Segment: **N1 Party Identification**
Position: 0500
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Notes: For NAESB WGQ, this segment is mandatory.

Data Element Summary

Ref.	Data	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	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 (Header)" table for usage and values.	
	78 Service Requester	
	SJ Service Provider	
>>	66 Identification Code Qualifier	X 1 ID 1/2
	Code specifying the system/method of code structure used for Identification Code (67)	
	Refer to "N1 Segments (Header)" table for usage and values.	
>>	67 Identification Code	X 1 AN 2/17
	Code identifying a party or other code	
	Transportation Service Provider/Transportation Service Provider Proprietary Code, Service Requester/Service Requester Proprietary Code	
	Refer to "N1 Segments (Header)" table for usage and values.	
	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	
			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, Beginning Time, Ending Date, Ending Time	

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.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N901	128 Reference Identification Qualifier Code identifying the Reference Identification CYI Cycle Indicator	M 1 ID 2/3
>>	N902	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Cycle Indicator * There is no 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 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.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
CS01	367	Contract Number		O 1 AN 1/30
		Contract number		
		For NAESB WGQ, this element is conditional.		
		Service Requester Contract		
>>	CS04	128	Reference Identification Qualifier	X 1 ID 2/3
		Code identifying the Reference Identification		
		NMT	Nomination Model Type	
>>	CS05	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		
		Model Type		
		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 Nominator's Tracking ID For NAESB WGQ, when Nominator's Tracking ID is not used, send "N/A". 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 Fuel Quantity For NAESB WGQ, this element is mutually agreed.	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 BTUs/Dekatherm	X ID 2/2

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.	Data	Attributes
Des.	Element Name	
>>	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.	
	CT Compensation Type Codes	
	RED Reduction Reason Code	
	TT Natural Gas Transaction Type	
>>	LQ02 1271 Industry Code	X 1 AN 1/30
	Code indicating a code from a specific industry code list Reduction Reason, Transaction Type, Capacity Type Indicator Refer to "LQ Segments (Sub-detail)" table for usage and values.	

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	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N901	128 Reference Identification Qualifier Code identifying the Reference Identification Refer to "N9 Segments (Sub-detail)" table for usage and values. PKG Package Identifier	M 1 ID 2/3
>>	N902	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Package ID Refer to "N9 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.	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			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	
		DW	Downstream Party	
		US	Upstream Party	
		ZZ	Mutually Defined	
>>	N103	66	Identification Code Qualifier	X 1 ID 1/2
			Code specifying 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 Upstream Identifier Code or Downstream Identifier Code.	
		SV	Service Provider Number	
			For NAESB WGQ, this code value may only be used when sending the Upstream Identifier Proprietary Code or Downstream Identifier Proprietary Code.	
		ZZ	Mutually Defined	
			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').	
>>	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	
			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".	

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

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

<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	
		Refer to "LCD Segments (Sub-detail - N1 loop)" table for usage and values.	
		M2 Receipt Location	
		MQ Delivery Location	
>> LCD05	66	Identification Code Qualifier	X 1 ID 1/2
		Code specifying 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	
		Delivery Location, Receipt Location	
		Refer to "LCD 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: **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	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>ID</u>
M	N901 128 Reference Identification Qualifier Code identifying the Reference Identification Refer to "N9 Segments (Sub-detail - N1 loop)" table for usages and values. DT Downstream Shipper Contract Number UP Upstream Shipper Contract Number	M 1 ID 2/3
>>	N902 127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Upstream Contract Identifier, Downstream Contract Identifier The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards. Refer to "N9 Segments (Sub-detail - N1 loop)" table for usages and values.	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 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.	Data	Attributes
Des.	Element Name	
>>	LQ01 1270 Code List Qualifier Code	O 1 ID 1/3
	Code identifying a specific industry code list Refer to "LQ Segments (Sub-detail - N1 loop)" table for usage and values.	
	R2 Receipt Rank (Priority)	
	R3 Delivery Rank (Priority)	
>>	LQ02 1271 Industry Code	X 1 AN 1/30
	Code indicating a code from a specific industry code list Delivery Rank (Priority), Receipt Rank (Priority) Refer to "LQ Segments (Sub-detail - N1 loop)" table for usage and values.	

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.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	QTY01	673 Quantity Qualifier Code specifying the type of quantity Refer to "QTY Segments (Sub-detail - N1 loop)" table for usage and values. 87 Quantity Received QD Quantity Delivered	M 1 ID 2/2
>>	QTY02	380 Quantity Numeric value of quantity Receipt Point Quantity, Delivery Point Quantity Refer to "QTY Segments (Sub-detail - N1 loop)" table for usage and values.	X 1 R 1/15
>>	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 BTUs/Dekatherm	M ID 2/2

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	