

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		
Must Use	0900	PER	Administrative Communications Contact	O	3		

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		
Must Use	0300	LQ	Industry Code Identification	O	>1		
Must Use	0400	LCD	Place/Location Description	O	1		
LOOP ID - SLN						>1	
Must Use	0700	SLN	Subline Item Detail	O	1		
	0900	N9	Extended Reference Information	O	>1		
Must Use	1000	QTY	Quantity Information	O	>1		
LOOP ID - N1						>1	
	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	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.</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 The allocation number assigned by the allocation originator. 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 allocation issue date.	M 1 DT 8/8
>>	BGN07	640	Transaction Type Code Code specifying the type of transaction F5 Allocation	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			
			<u>Des.</u>	<u>Element</u>	<u>Name</u>
M	DTM01	374			Date/Time Qualifier
					Code specifying type of date or time, or both date and time
					Refer to "DTM Segments (Heading)" table for usage and values.
					102 Issue
					582 Report Period
>>	DTM05	1250			Date Time Period Format Qualifier
					Code indicating the date format, time format, or date and time format
					Refer to "DTM Segments (Heading)" table for usage and values.
					CM Date in Format CCYYMM
					DT Date and Time Expressed in Format CCYYMMDDHHMM
>>	DTM06	1251			Date Time Period
					Expression of a date, a time, or range of dates, times or dates and times
					Refer to "DTM Segments (Heading)" table for usage and values.
					Accounting Period, 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 and should occur once for each value 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	M 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			40 Receiver	
			Statement Recipient ID	
			41 Submitter	
			Preparer ID	
>>	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 Statement Recipient ID or the Preparer ID.	
>>	N104	67	Identification Code	X 1 AN 2/17
			Code identifying a party or other code	
			Statement Recipient ID, Preparer ID	
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	

Segment: **PER** **Administrative Communications Contact**
Position: 0900
Loop: N1 Mandatory
Level: Heading
Usage: Optional (Must Use)
Max Use: 3
Notes: For NAESB WGQ, this segment is mandatory and may only be used in the N1 loop for the Preparer ID (N101 = '41').

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named IC Information Contact	M 1 ID 2/2
>>	PER02	93	Name Free-form name Contact Person (Name)	O 1 AN 1/35
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	
>>	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X 1 ID 2/2
>>	PER04	364	Communication Number Complete communications number including country or area code when applicable Contact Person (Phone)	X 1 AN 1/80
			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
Notes: For NAESB WGQ, this segment is mandatory.

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	DTM01	374	Date/Time Qualifier	M 1 ID 3/3
			Code specifying type of date or time, or both date and time	
			405 Production	
>>	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 2011 would be stated as 20110401-20110430.	
>>	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 Flow Date, Beginning Flow Time, Ending Flow Date, Ending Flow Time	

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

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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.			
		AJT Adjustment Type			
		ATT Allocation Transaction Type Code			
		DOF Direction of Flow			
		SMB Statement Basis			
>> LQ02	1271	Industry Code	X	1	AN 1/30
		Code indicating a code from a specific industry code list			
		Allocation Transaction Type Code, Direction of Flow, Statement Basis, Adjustment Type			
		Refer to "LQ Segments (Detail)" table for usage and values.			

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

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</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 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	
			Location 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
Notes: For NAESB WGQ, this segment is mandatory.

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set An identifier assigned by the allocation originator. 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
	SLN06	212	Unit Price Price per unit of product, service, commodity, etc. Bid Transportation Rate For NAESB WGQ, this element is conditional. The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	X 1 R 1/14

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 based upon the usage as defined by the Allocation Transaction Type Matrix.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code identifying the Reference Identification 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 The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	X 1 AN 1/30

Segment: **QTY** **Quantity Information**
Position: 1000
Loop: SLN 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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier	M 1 ID 2/2
			Code specifying the type of quantity	
			Refer to "QTY Segments (Sub-detail)" table for usage and values.	
			H8 Allocated Quantity	
			H9 Scheduled Quantity	
>>	QTY02	380	Quantity	X 1 R 1/15
			Numeric value of quantity	
			Allocated Quantity, Scheduled Quantity, Operational Quantity, Penalty Variance Quantity	
			Refer to "QTY Segments (Sub-detail)" table for usage and values.	
	QTY03	C001	Composite Unit of Measure	O 1
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			BZ Million BTU's	

Segment: **N1 Party Identification**

Position: 1100

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Notes: For NAESB WGQ, this segment is conditional based upon the usage as defined by the Allocation Transaction Type Matrix.

Data Element Summary

	Ref.	Des.	Data Element	Name	Attributes		
M	N101		98	Entity Identifier Code	M	1	ID 2/3
				Code identifying an organizational entity, a physical location, property or an individual			
				78 Service Requester			
				DW Downstream Party			
				US Upstream Party			
>>	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 Service Requester ID, Downstream Identifier Code, or Upstream Identifier Code.			
>>	N104		67	Identification Code	X	1	AN 2/17
				Code identifying a party or other code			
				Service Requester ID, Downstream Identifier Code, Upstream Identifier Codee			
				For NAESB WGQ, the Upstream Identifier Code and Downstream Identifier Code are not used when Allocation Transaction Type is '15R' or '15D' (LQ02 = '15R' or '15D'). In this case, send "N/A".			
				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
Level: Detail
Usage: Optional
Max Use: >1
Notes: For NAESB WGQ, this segment is conditional based upon the usage as defined by the Allocation Transaction Type Matrix.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>M</u>	<u>1</u>	<u>ID 2/3</u>
M	N901	128	Reference Identification Qualifier Code identifying the Reference Identification DT Downstream Shipper Contract Number For NAESB WGQ, this code value may only be used in the upstream N1 loop (N101 = 'DW'). KSR Service Requester Contract Identifier For NAESB WGQ, this code value may only be used in the service requester N1 loop (N101 = '78'). UP Upstream Shipper Contract Number For NAESB WGQ, this code value may only be used in the upstream N1 loop (N101 = 'US').	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 Downstream Contract Identifier, Service Requester Contract, Upstream Contract Identifier The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	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	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