RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Exxon Company USA **Request No.: R96056**

1. RECOMMENDED ACTION:

___Accept as requested
_X_Accept as modified below
___Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

_X_Change to Existing Practice
___Status Quo

2. TYPE OF MAINTENANCE

Per Request:

_X_Initiation
___Modification
___Interpretation
___Withdrawal

___Principle (x.1.z)
___Definition (x.2.z)
___Business Practice Standard (x.3.z)
_X_Document (x.4.z)
_X_Data Element (x.4.z)
_X_Code Value (x.4.z)
_X_X12 Implementation Guide
_X_Business Process Documentation

Per Recommendation:

_X_Initiation
___Modification
___Interpretation
___Withdrawal

___Principle (x.1.z)
___Definition (x.2.z)
_X_Business Practice Standard (x.3.z)
_X_Document (x.4.z)
_X_Data Element (x.4.z)
_X_Code Value (x.4.z)
_X_X12 Implementation Guide
_X_Business Process Documentation

3. RECOMMENDATION

SUMMARY:

- Add a new data set to the NAESB WGQ Flowing Gas book – Producer Imbalance Statement (2.4.z) – including a Technical Implementation of Business Practices, Sample Paper, Data Dictionary, Code Values Dictionary Data Element Cross Reference to ASC X12, Sample ASC X12 Transaction, EDI Data Set, and Transaction Set Tables.
- Modify the Business Process and Practices section of the NAESB WGQ Flowing Gas book.
- Modify the Executive Summary section of the NAESB WGQ Flowing Gas book.
- Add a new standard to the NAESB WGQ Flowing Gas book – [2.3.z1].

STANDARDS LANGUAGE:

Proposed Standard 2.3.z1
If parties mutually agree to exchange producer imbalance statements, they should do so using the NAESB WGQ Standard No. [2.4.z].

DATA DICTIONARY (for new documents and addition, modification or deletion of data elements)

Document Name and No.: **Producer Imbalance Statement 2.4.z**
(see attached)

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Exxon Company USA **Request No.: R96056**

CODE VALUES LOG (for addition, modification or deletion of code values)

Document Name and No.: **Producer Imbalance Statement 2.4.z**
(see attached)

BUSINESS PROCESS DOCUMENTATION (for addition, modification or deletion of business process documentation language)

Standards Book: **Flowing Gas**

EXECUTIVE SUMMARY

Modify the first paragraph as follows:

~~Six~~Seven areas of the natural gas business processes are classified within the Flowing Gas area. The ~~six~~seven areas include:

1. **Pre-determined Allocation**
   The communications concerning an agreement on the factors that should be used to drive the determination of entitlement rights of flowing gas at a location,
2. **Allocation**
   The communications of the entitlement rights of flowing gas at a location,
3. **Shipper Imbalance**
   The communications of entitlement rights of flowing gas on a contract level,
4. **Imbalance Netting & Trading**
   The communications and management of Imbalance Trading,
5. **Measurement Information**
   The communications of the estimated or actual physical flow of gas at a location, ~~and~~
6. **Measured Volume Audit Statement**
   The communication of the estimated or actual physical flow of gas at a location along with gas quality information~~,~~ and
7. **Producer Imbalance Statement**
   The communication of the actual production deliveries versus the entitlement rights of interest owners at a production location.

Add as the last paragraph the following:

The Producer Imbalance Statement data set contains information at a location informing the interest owners of their entitlement, deliveries and the resulting imbalance.**:**

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Exxon Company USA Request No.: R96056

Standards Book: Flowing Gas

BUSINESS PROCESSES AND PRACTICES

Add the following as the last paragraph under Section A: Overview

Producer Imbalance

The Producer Imbalance Statement data set is used to report the entitlement, the production deliveries and the current month / ending imbalance quantities for interest owners at a location. Interest owner(s)'s entitlement percentage is used to determine its proportionate share, known as the entitlement quantity, of the total production deliveries. This entitlement quantity is compared to the actual production deliveries allocated to each interest owner. The difference is the current month imbalance. This information is used by the interest owners and the operator of the location for balancing / settlement purposes.

Standards Book: Flowing Gas

Document Name and No: Producer Imbalance Statement (2.4.z)

TECHNICAL IMPLEMENTATION OF BUSINESS PROCESS
(see attached)

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)
See attached
Data Element Cross Reference to ASC X12
Sample ASC X12 Transaction
EDI Data Set
Transaction Set Tables

4. SUPPORTING DOCUMENTATION

a. Description of Request:

b. Description of Recommendation:

Business Practices Subcommittee
Instruct the Information Requirements Subcommittee to develop a Producer Imbalance Statement starting with on the proposed data dictionary from existing Gas Flow documents and work papers from Market Settlement Task Force, and regarding implementation issues, implementation should be governed by the following: "If parties mutually agree to exchange

producer imbalance statements, they should do so using the GISB Standard No. [standard number reflected by Request No. R96056].

Motion:
The motion was made, seconded and the above language was adopted as a instruction to the Information Requirements Subcommittee.

Sense of the Room: April 9, 1998 16 In Favor 0 Opposed
Segment Check (if applicable):

In Favor:	___End-Users	___LDCs	11 Pipelines	1 Producers	4 Services
Opposed:	___End-Users	___LDCs	___Pipelines	___Producers	___Services

Information Requirements Subcommittee
See minutes for the following Information Requirements Subcommittee meetings:

- July 29, 1997
- June 9, 1998
- July 14, 1998
- January 10, 2000
- June 12, 2001
- October 9, 2001
- November 13, 2001
- December 11, 2001
- February 19, 2002
- April 16, 2002
- May 14, 2002
- May 6, 2003
- June 3, 2003
- July 25, 2003

—**Motion**: May 14, 2002
Adopt the attached Producer Imbalance Statements documents as follows:

- Data Dictionary
- Code Values Dictionary
- Technical Implementation Of Business Process
- Sample Paper Transaction
- Modifications to the Executive Summary section of the Flowing Gas book.
- Modifications to the Business Process and Practices section of the Flowing Gas book.

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Exxon Company USA Request No.: R96056

Vote				Balanced	Balanced	Balanced
	For	Against	Total	For	Against	Total
End Users	0	0	0	0.00	0.00	0
LDCs	0	0	0	0.00	0.00	0
Pipelines	3	0	3	2.00	0.00	2
Producers	1	0	1	1.00	0.00	1
Services	1	0	1	1.00	0.00	1
	5	0	5	4.00	0.00	4

Motion Passes

MOTION: (May 6, 2003)
Incorporate the modifications to the TIBP, Sample Paper, Data Dictionary, Code Values Dictionary and the COPAS / NAESB cross reference documents as reflected on the attached workpapers into the previous IR workpapers from the May 14, 2002 meeting.

Vote				Balanced	Balanced	Balanced
	For	Against	Total	For	Against	Total
End Users	0	0	0	0.00	0.00	0
LDCs	0	0	0	0.00	0.00	0
Pipelines	4	0	4	2.00	0.00	2
Producers	1	0	1	1.00	0.00	1
Services	0	0	0	0.00	0.00	0
	5	0	5	3.00	0.00	3

Motion Passes

MOTION: (June 3, 2003)
Adopt the revised workpaper for R96056.

Vote				Balanced	Balanced	Balanced
	For	Against	Total	For	Against	Total
End Users	0	0	0	0.00	0.00	0
LDCs	0	0	0	0.00	0.00	0
Pipelines	8	0	8	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	8	0	8	2.00	0.00	2

Motion Passes

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Exxon Company USA **Request No.: R96056**

MOTION: (July 25, 2003)
Adopt the revised workpaper for R96056 as reflected in the attached.

Vote				Balanced	Balanced	Balanced
	For	Against	Total	For	Against	Total
End Users	0	0	0	0.00	0.00	0
LDCs	0	0	0	0.00	0.00	0
Pipelines	2	0	2	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	1	0	1	1.00	0.00	1
	3	0	3	3.00	0.00	3

Motion Passes

Technical Subcommittee
See minutes and attachments for the following Technical Subcommittee meetings:

- 05/05/2003
- 06/02/2003
- 07/09/2003
- 08/04/2003
- 03/30/2004
- 05/04/2004
- 06/23/2004 (voting record)

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):
The purpose of the request is to provide a standardized communication of a producer imbalance statement based on the information currently communicated using COPAS Bulletin 24 10/2000. In order to provide a clear understanding of the data element used in NAESB and the corresponding data elements used in the COPAS Bulletin, attached is a data element cross reference table.

TECHNICAL IMPLEMENTATION OF BUSINESS PROCESS

The Producer Imbalance Statement is a report from the operator of a production facility to its working interest owners (producers) that indicates the difference between the current month **entitlement quantity** and the total **production deliveries**. NAESB WGQ Standard 2.4.3 requires all NAESB reports to be reported on a dry basis. The entitlement quantity, the production deliveries and the imbalance quantity are reported by **interest owner percentage**. The interest owner percentage can be any of the following:

- gross working interest;
- royalty interest;
- Proportionate Production Interest (PPI); or,
- net working interest.

The interest owner percentage can be any of the above for a given interest owner. When all interest owners' percentages are added together, the total must equal 100% of the total gross working interest for the **location**.

The entitlement quantity is calculated by multiplying total production delivery quantities times each producer's interest owner percentage for the subject well or lease facilities, which is the location. For purposes of this document, the location is synonymous with 'Facility Name' as it is used in COPAS Bulletin 24, 10/2000 (see the following COPAS / NAESB Cross Reference). The location should reflect the level of detail (well, lease, field, county, state, etc.) necessary to represent the level at which the data is being reported.

The **imbalance period** refers to a month and a year. **The beginning imbalance quantity** equals the previous month's **cumulative ending imbalance quantity**. The **imbalance quantity** is the imbalance for the current month for an **interest owner** for each **transportation service provider**. The **ending imbalance quantity** is calculated by adding the beginning imbalance quantity and the current month imbalance quantity.

The **cumulative beginning imbalance quantity** is calculated by adding the beginning imbalance quantity for a specified interest owner for the current month. The **cumulative imbalance quantity** is calculated by adding the imbalance quantities for a specified interest owner for the current month. The **cumulative ending imbalance quantity** is calculated by adding the cumulative beginning imbalance quantity, the cumulative imbalance quantity and the **cumulative prior period adjustment** for a specified interest owner.

The cumulative prior period adjustment is reported only on the current month report and should be supported by an accompanying revised statement that reflects the adjustment to the applicable prior imbalance period(s). (For example, if the current month being reported is April and prior period adjustments for January and February are included in April's cumulative prior period adjustment, April's report and revised January and February reports are required, but a revised March report is not required.) The default value for cumulative prior period adjustments is zero.

COPAS / NAESB Cross Reference

Sorted by COPAS Data Element Number (COPAS Bulletin 24 – October 2000)

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
HEADER INFORMATION								
1.	For the Month of	The production month that this report represents	R	Imbalance Period	The period during which the imbalance occurred or the cumulative imbalance is reported.			
2.	Operator (preparer) Name	The name of the statement preparer and Operator of the facility covered by this report	R	Preparer Data Preparer ID * Preparer ID Proprietary Code Preparer Name	The name of the business party preparing the report	M	M	
				Location Operator Data Location Operator* Location Operator Name Location Operator Proprietary Code	The party recognized as the operator of record for the location.	M	M	
3.	Facility Name	The name of the facility to which this report applies (When the facility is a well, the API well number should be used in this data element.)	R	Location Data Location* Location Name Location Proprietary Code	Unique identification of a point.	M	M	

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
4.	Facility Indicator	Whether the facility is a well, lease, gathering system, or gas plant	R	NONE	Data extractable from Location Data	N/A	N/A	
5.	Reservoir Name	The name of the reservoir for which this statement applies (Required if the facility is a well)	C	NONE	Data extractable from Location Data	N/A	N/A	
6.	Location	The location of the facility (field, county and state)	R	NONE	Data extractable from Location Data	N/A	N/A	
7.	Date Prepared	The date this report was prepared	R	Statement Date/Time	Date and time the statement was produced.	M	M	
8.	Name of Preparer	The name of the person preparing the report	R	Preparer Contact Name	The name of the contact person for questions regarding the statement information.	M	M	
9.	Phone Number	The phone number of the person preparing the report	R	Preparer Contact Phone Number	The phone number of the contact person for questions regarding the statement information.			
	NONE			Preparer Contact E-mail Address	The e-mail address of the contact person for questions regarding the statement information.	SO	SO	

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
	NONE			Preparer Contact Fax Number	The fax number of the contact person for questions regarding the statement information.	SO	SO	
10.	Balancing Units (MCF / MMBTU)	The measurement of the quantities reported on this statement	R	Unit of Measure	Specifies the unit or basis for measurement for the corresponding measurement value.	M	M	[Code values = Gigacalories, Gigajoules, Kilopascal, MMBTU PSIA, PSIG and Thousand Cubic Feet]
11.	Pressure Base	The pressure base of volumes reported on this report (Required if balancing units are MCF)	C	Reporting Pressure Base	Pressure base used in reporting volume in MCFs.	C	C	Mandatory when Unit of Measure for associated quantity is 'Thousand Cubic Feet'.
12.	Wet/Dry Basis	The BTU test basis used to determine the MMBTUs recorded on this report (Wet refers to tests taken and results stated on a fully saturated with water basis. Required if the balancing units are MMBTU)	C	NONE	NAESB WGQ Standard 2.4.3 requires all NAESB reports to be reported on a dry basis.	N/A	N/A	

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
	NONE			Statement Recipient Data Statement Recipient ID * Statement Recipient Name Statement Recipient Proprietary Code	The intended user of the statement.	M	M	
SUMMARY VOLUME IMBALANCE INFORMATION								
13.	Transporter	The name of the transporter that is transporting or purchasing the gas	R	Transportation Service Provider Data Transportation Service Provider * Transportation Service Provider Name Transportation Service Provider Proprietary Code	A code which uniquely identifies the transportation service provider.	M	M	
14.	Operator/Owner	The name of the taking owner for well and lease reports (The name of either the lease Operator or the taking owner for gathering system or gas plant reports. Owner would also include royalty taking in-kind.)	R	Interest Owner Data Interest Owner * Interest Owner Name Interest Owner Proprietary Code	The entity with ownership interest in the gas.	M	M	At least one of Interest Owner or Interest Owner Proprietary Code is mandatory.

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
15.	W. I. %	The working, royalty, or PPI of the taking owner or Operator previously listed in #14 (This percentage would be net of royalty taken in-kind.)	R	Interest Owner Percentage	Percentage of the gas owned by the Interest Owner dedicated to a specified Transportation Service Provider.	M	M	

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
16.	Current Month Entitlement	The quantity of gas each Operator/taking owner is entitled to take and its working, royalty, or PPI share of actual gas available for delivery. (This quantity is calculated by multiplying total production delivery quantities (#22) times each taking owner's working, royalty, or PPI (#15) for well or lease facilities. If the Operator/Owner (#14) is delivering to more than one transporter (#13), the total entitlement described herein must be split between the applicable transporters based on contract dedication percentages or some other method in order that the total entitlement listed for the taking owner equals its working, royalty, or PPI percent (#15) times the total delivery quantities (#22) for well or lease facilities.	R	Entitlement Quantity	The quantity of gas each interest owner is entitled to take of the Grand Total – All Transportation Service Providers for a given Transportation Service Provider.	M	M	

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
17.	Production Delivery	The quantity of gas delivered to the transporter or used off-lease for the account of each Operator or taking owner based on the facility Operator's or transporter's allocation statement	R	Production Delivery	The quantity of gas delivered to a location for the account of each Interest Owner based on the Location Operator's allocation statement.	M	M	
18.	Est./Act.	An indication of whether the production deliveries reported in item #17 are estimates or actual quantities	R	Statement Basis Data Statement Basis Statement Basis Code Name	Code used to identify statement quantities as estimate, actual or revision. Default value is actual.	C	M	For EBB, at least one of Statement Basis or Statement Basis Code Name is required. [Code Values = Estimated, Actual, Revision]
19.	Current Month Imbalance	The current month imbalance, which is the difference between current month entitlement (#16) and production delivery (#17)	R	Imbalance Quantity	The imbalance quantity for the current period.	M	M	
20.	Cumulative Imbalance	The cumulative imbalance calculated by adding the prior month cumulative imbalance to the current month imbalance (#19)	R	Ending Imbalance Quantity	The imbalance quantity at the end of the period for an interest owner delivered to a Transportation Service Provider.	M	M	

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
21.	Total All Deliveries	The total of all quantities delivered to the transporter or used off-lease from the facility (Required if a manual report)	C	Total Production Deliveries	The total of all production deliveries made to a specified Transportation Service Provider from a given location.	M	M	
22.	Grand Total All Transporters	The total of all quantities delivered to all transporters or used off-lease from the facility (Required if a manual report)	C	Grand Total Production Deliveries	The total of all production deliveries made to all Transportation Service Providers from a given location.	M	M	
OWNER IMBALANCE SUMMARY:		This information is needed to aggregate imbalance status by Operator/taking owner when he utilizes more than one transporter.						
	NONE			Beginning Imbalance Quantity	The imbalance quantity at the beginning of the period for an interest owner delivered to a Transportation Service Provider.	M	M	

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
23.	Prior Cumulative	The quantity of cumulative imbalance from the previous month's report (Required if a manual report)	C	Cumulative Beginning Imbalance Quantity	The sum of the Beginning Imbalance Quantity for an interest owner delivered to all Transportation Service Providers.	M	M	
24.	Current Month	The total of all current month imbalance quantities for each owner/Operator (Not required if there is only one transporter.)	C	Cumulative Imbalance Quantity	The sum of the Imbalance Quantity for the current period for an interest owner delivered to all Transportation Service Providers.	M	M	
25.	Prior Period Adjustments	Adjustments included in the cumulative imbalance quantities in this report (Required when cumulative imbalance from previous report plus current month imbalance does not equal cumulative imbalance on this report. Each prior period adjustment should be supported by an accompanying **revised** statement for the applicable period.)	C	Cumulative Prior Period Adjustment	Adjustment(s) included in the Cumulative Ending Imbalance Quantity in this report.	M	M	Default value is zero.

COPAS Data Elements				NAESB Data Elements				
Data Elem. No.	**Business Name**	**Definition**	**Usage**	**Business Name**	**Definition**	**EBB Usage**	**EDI Usage**	**Condition**
26.	Cumulative	The sum of all cumulative imbalance quantities for each owner/Operator (Not required if there is only one transporter.)	C	Cumulative Ending Imbalance Quantity	The sum of the Cumulative Beginning Imbalance Quantity, the Cumulative Imbalance Quantity and the Cumulative Prior Period Adjustment Quantity for an interest owner delivered to all Transportation Service Providers.	M	M	
NOTES:		Negative indicates that the imbalance is due (owed) to the Operator/producer.						

* Indicates Common Code

COPAS Usages:

C = Conditional

R = Required

NAESB Usages:

BC = Business conditional - the data element is based on current variations in business practice. The business practice will be described herein, with an example. Over time, NAESB WGQ expects that as business practices are standardized, elements will move out of this category. Business Conditional elements which are not supported/required by the receiver will be acknowledged in the response document with a warning message code indicating that the data elements was ignored by the receiver.

C = Conditional - the presence of data in a field is determined by the presence or lack of data in another field within the transmittal or related data sets.

M = Mandatory - the data element (information) must be supplied in the transaction.

MA = Mutually agreeable - the data element is mutually agreed to between trading partners. It must be presented to GISB for technical implementation. It does not, by its definition, create a NAESB WGQ standard business practice. Usage of this element in no way can be mandated for inclusion by either trading partner in order to achieve a level of service.
SO = Sender's option - this element is optional for the sender to send and, if sent, the receiver should receive and process.

SAMPLE PAPER TRANSACTION

See following:

PRODUCER/PRODUCER GAS IMBALANCE STATEMENT
FOR THE MONTH OF: April 2000
Statement Recipient: Producer B

Preparer Name:	Producer A	Preparer Contact Name:	Jane Doe
Location:	XYZ	Preparer Contact Phone Number:	(713) 555-1212
Location Name:	Platform A	Unit of Measure:	MMBTU
Location Operator Name:	Operator A	Reporting Pressure Base:	14.73 PSIA
Statement Date/Time:	June 15, 2000	All quantities are reported on a dry basis.	

(13) TSP	(14) Interest Owner	(15) Interest Owner %	Beg. Imbal Quantity	(16) Entitlement Quantity	(17) Production Delivery	(18) Statement Basis	(19) Imbalance Quantity	(20) Ending Imbalance Quantity
Pipeline A	Producer A	.4167	72,497	145,845	203,315	Act.	57,470	129,967
	Producer B	.3125	(109,371)	109,375	0	Act.	(109,375)	(218,746)
	Producer C	.1041	36,874	36,435	73,315	Act.	36,880	73,754
	MMS RIK	.1667	0	58,345	73,370	Act.	15,025	15,025
Total Pipeline A		1.0000	0	350,000	350,000 (21)		0	0
Pipeline Z	Producer A	.4167	0	42	80	Act.	38	38
	Producer B	.3125	0	31	0	Act.	(31)	(31)
	Producer C	.1041	(500)	10	20	Act.	10	(490)
	MMS RIK	.1667	500	17	0	Act.	(17)	483
Total Pipeline Z		1.0000	0	100	100 (21)		0	0
Grand Total All TSPs			0	350,100	350,100 (22)		0	0

Interest Owner Imbalance Summary

(14) Interest Owner	(23) Cum Beg. Imbal. Quantity	(24) Cum Imbalance Quantity	(25) Cum Prior Period Adjustment	(26) Cum Ending Imbal. Quantity
Producer A	72,497	57,508	10	130,015
Producer B	(109,371)	(109,406)	(5)	(218,782)
Producer C	36,374	36,890	(10)	73,754
MMS RIK	500	15,008	5	15,013
Grand Total	0	0	0	0

Note: Negative indicates that the imbalance is due (owed) to the Interest Owner.

DATA DICTIONARY

Standard 2.4.z

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Beginning Imbalance Quantity (Beg Imb Qty)	The imbalance quantity at the beginning of the period for an interest owner delivered to a Transportation Service Provider.	M	M	
Cumulative Beginning Imbalance Quantity (Cum Beg Imb Qty)	The sum of the Beginning Imbalance Quantity for an interest owner delivered to all Transportation Service Providers.	M	M	
Cumulative Ending Imbalance Quantity (Cum End Imb Qty)	The sum of the Cumulative Beginning Imbalance Quantity, the Cumulative Imbalance Quantity and the Cumulative Prior Period Adjustment Quantity for an interest owner delivered to all Transportation Service Providers.	M	M	
Cumulative Imbalance Quantity (Cum Imb Qty)	The sum of the Imbalance Quantity for the current period for an interest owner delivered to all Transportation Service Providers.	M	M	
Cumulative Prior Period Adjustment (Cum Prior Per Adj)	Adjustment(s) included in the Cumulative Ending Imbalance Quantity in this report.	M	M	Default value is zero.

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Ending Imbalance Quantity (End Imb Qty)	The imbalance quantity at the end of the period for an interest owner delivered to a Transportation Service Provider.	M	M	
Entitlement Quantity (Ent Qty)	The quantity of gas each interest owner is entitled to take of the Grand Total – All Transportation Service Providers for a given Transportation Service Provider.	M	M	
Grand Total Production Deliveries (Grnd Tot Prod Del)	The total of all production deliveries made to all Transportation Service Providers from a given location.	M	M	
Imbalance Period (Imb Per)	The period during which the imbalance occurred or the cumulative imbalance is reported.	M	M	
Imbalance Quantity (Imb Qty)	The imbalance quantity for the current period.	M	M	
Interest Owner Data	The entity with ownership interest in the gas.			
Interest Owner * [4] (Int Own)		C	C	At least one of Interest Owner or Interest Owner Proprietary Code is mandatory.
Interest Owner Name (Int Own Name)		M	nu	

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Interest Owner Proprietary Code (Int Own Prop)		C	C	At least one of Interest Owner or Interest Owner Proprietary Code is mandatory.
Interest Owner Percentage (Int Own Pct)	Percentage of the gas owned by the Interest Owner dedicated to a specified Transportation Service Provider.	M	M	
Location Data	Unique identification of a point.			
Location* (Loc)		M	M	
Location Name (Loc Name)		M	nu	
Location Proprietary Code (Loc Prop)		C	C	Mandatory when Location is not present. .
Location Operator Data	The party recognized as the operator of record for the location.			
Location Operator * [4] (Loc Oper)		M	M	
Location Operator Name (Loc Oper Name)		M	nu	
Location Operator Proprietary Code (Loc Oper Prop)		C	C	**Mandatory when Location Operator is not present.**
Preparer Contact E-mail Address (Prep E-mail)	The e-mail address of the contact person for questions regarding the statement information.	SO	SO	

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Preparer Contact Fax Number (Prep Fax)	The fax number of the contact person for questions regarding the statement information.	SO	SO	
Preparer Contact Name (Prep Contact)	The name of the contact person for questions regarding the statement information.	M	M	
Preparer Contact Phone Number (Prep Phone)	The phone number of the contact person for questions regarding the statement information.	M	M	
Preparer Data	The name of the business party preparing the report			
Preparer ID * [4] (Prep ID)		M	M	
Preparer ID Proprietary Code (Prep ID Prop)		C	C	**Mandatory when Preparer ID is not present.**
Preparer Name (Prep Name)		M	nu	
Production Delivery (Prod Del)	The quantity of gas delivered to a location for the account of each Interest Owner based on the Location Operator's allocation statement.	M	M	
Reporting Pressure Base (Rpt Press Base)	Pressure base used in reporting volume in MCFs.	C	C	Mandatory when Unit of Measure for associated quantity is 'Thousand Cubic Feet'.

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Statement Basis Data	Code used to identify statement quantities as estimate, actual or revision. Default value is actual.			
Statement Basis (Stmt Basis)		C	M	For EBB, at least one of Statement Basis or Statement Basis Code Name is required.
Statement Basis Code Name (Stmt Basis Name)		C	nu	For EBB, at least one of Statement Basis or Statement Basis Code Name is required.
Statement Date/Time (Stmt D/T)	Date and time the statement was produced.	M	M	
Statement Recipient Data	The intended user of the statement.			
Statement Recipient ID * [4] (Recipient)		M	M	
Statement Recipient ID Proprietary Code (Recipient Prop)		C	C	**Mandatory when Statement Recipient ID is not present.**
Statement Recipient Name (Recipient Name)		M	nu	
Total Production Deliveries (Tot Prod Del)	The total of all production deliveries made to a specified Transportation Service Provider from a given location.	M	M	
Transportation Service Provider Data	A code which uniquely identifies the transportation service provider.			

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Transportation Service Provider * [4] (TSP)		M	M	
Transportation Service Provider Name (TSP Name)		M	nu	
Transportation Service Provider Proprietary Code (TSP Prop)		C	C	Mandatory when Transportation Service Provider is not present.
Unit of Measure (U/Meas)	Specifies the unit or basis for measurement for the corresponding measurement value.	M	M	

RELEVANT FOOTNOTES

* Indicates Common Code

[4] Refer to NAESB Standard No. [S4 – from R97058B]

CODE VALUES DICTIONARY

Statement Basis

Code Value Description	Code Value Definition	Code Value
Actual	Quantity based upon the best available data.	A
Estimate	Quantity based upon the best available data, which is recognized as preliminary.	E
Revision	Change to a quantity based upon a prior period adjustment.	R

Unit of Measure

Code Value Description	Code Value Definition	Code Value
Gigacalories	[no definition necessary]	G8
Gigajoules	[no definition necessary]	GV
Kilopascal	[no definition necessary]	KQ
MMBTU	[no definition necessary]	BZ
PSIA	[no definition necessary]	80
PSIG	[no definition necessary]	64
Thousand Cubic Feet	[no definition necessary]	TZ

DATA ELEMENT CROSS REFERENCE TO ASC X12

Usage Codes: M - Mandatory, C - Conditional, SO – Sender's Option, BC - Business Conditional, MA - Mutually Agreeable, nu - not used

Heading:

Segment	Usage	Segment Name/NAESB Data Element Name
ST	M	Transaction Set Header segment
BIG	M	Beginning Segment for Invoice (Producer Imbalance) segment
REF	M	Statement Basis
DTM	M	Imbalance Period
DTM	M	Statement Date/Time
N1	M	Statement Recipient ID/Statement Recipient ID Proprietary Code
N1	M	Preparer ID/Preparer ID Proprietary Code
PER	M	Preparer Contact Name
	M	Preparer Contact Phone Number
	SO	Preparer Contact Fax Number
	SO	Preparer Contact E-mail Address

Detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Location)
IT1	M	Baseline Item Data segment
MEA	C	Reporting Pressure Base
	C	Unit of Measure
QTY	M	Grand Total Production Deliveries
	M	Unit of Measure
NM1	M	Location Operator/Location Operator Proprietary Code
LCD	M	Location/Location Proprietary Code

Sub-detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Transportation Service Provider)
IT1	M	Baseline Item Data segment
QTY	M	Total Production Deliveries
NM1	M	Transportation Service Provider/ Transportation Service Provider Proprietary Code

Sub-sub-detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Interest Owner Quantities)
IT1	M	Baseline Item Data segment
MEA	M	Interest Owner Percentage
QTY	M	Beginning Imbalance Quantity
QTY	M	Entitlement Quantity
QTY	M	Production Delivery
QTY	M	Imbalance Quantity
QTY	M	Ending Imbalance Quantity
NM1	M	Interest Owner/Interest Owner Proprietary Code

Sub-detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Interest Owner Cumulative Quantities)
IT1	M	Baseline Item Data segment
QTY	M	Cumulative Beginning Imbalance Quantity
QTY	M	Cumulative Imbalance Quantity
QTY	M	Cumulative Prior Period Adjustment
QTY	M	Cumulative Ending Imbalance Quantity
NM1	M	Interest Owner/Interest Owner Proprietary Code

Summary:

Segment	Usage	Segment Name/NAESB Data Element Name
TDS	M	Total Monetary Value Summary segment
SE	M	Transaction Set Trailer

SAMPLE ASC X12 TRANSACTION

ST*811*0001
BIG*20000615*1*****F7
REF*V0*A
DTM*102****DT*200006151507
DTM*582****CM*200004
N1*40**1*123456789
N1*41**1*987654321
PER*IC*Jane Doe*TE*7135551212
HL*34-134**
IT1*1
MEA**PU*14.73*80
QTY*TO*350100*BZ
NM1*OP*3******1*246808642
LCD**LCN***SV*XYZ
HL*19-1*34-1*19
IT1*1
QTY*TT*350000
NM1*SJ*3******SV*Pipeline A
HL*PP-1*19-1*PP
IT1*1
MEA**OX*.4167
QTY*B9*72497
QTY*BP*129967
QTY*BX*57470
QTY*BY*203315
QTY*BZ*145845
NM1*HA*3******SV*Producer A
IT1*2
MEA**OX*.3125
QTY*B9*-109371
QTY*BP*-218746
QTY*BX*-109375
QTY*BY*0
QTY*BZ*109375
NM1*HA*3******SV*Producer B
IT1*3
MEA**OX*.1041
QTY*B9*36874
QTY*BP*73754
QTY*BX*36880
QTY*BY*73315
QTY*BZ*36435
NM1*HA*3******SV*Producer C
IT1*4
MEA**OX*.1667
QTY*B9*0
QTY*BP*15025
QTY*BX*15025
QTY*BY*73370
QTY*BZ*58345
NM1*HA*3******SV*MMS RIK

HL*19-2*34-1*19
IT1*1
QTY*TT*100
NM1*SJ*3******SV*Pipeline Z
HL*PP-1*19-2*PP
IT1*1
MEA**OX*.4167
QTY*B9*0
QTY*BP*38
QTY*BX*38
QTY*BY*80
QTY*BZ*42
NM1*HA*3******SV*Producer A
IT1*2
MEA**OX*.3125
QTY*B9*0
QTY*BP*-31
QTY*BX*-31
QTY*BY*0
QTY*BZ*31
NM1*HA*3******SV*Producer B
IT1*3
MEA**OX*.1041
QTY*B9*-500
QTY*BP*-490
QTY*BX*10
QTY*BY*20
QTY*BZ*10
NM1*HA*3******SV*Producer C
IT1*4
MEA**OX*.1667
QTY*B9*500
QTY*BP*483
QTY*BX*-17
QTY*BY*0
QTY*BZ*17
NM1*HA*3******SV*MMS RIK
HL*R-1*34-1*R*0
IT1*1
QTY*BS*72497
QTY*BT*57508
QTY*BU*10
QTY*BV*130015
NM1*HA*3******SV*Producer A
IT1*2
QTY*BS*-109371
QTY*BT*-109406
QTY*BU*-5
QTY*BV*-218782
NM1*HA*3******SV*Producer B
IT1*3
QTY*BS*36374
QTY*BT*36890

QTY*BU*-10
QTY*BV*73754
NM1*HA*3******SV*Producer C
IT1*4
QTY*BS*500
QTY*BT*15008
QTY*BU*5
QTY*BV*15013
NM1*HA*3******SV*MMS RIK
TDS*0
SE*115*0001

811 Consolidated Service Invoice/Statement

Functional Group ID=CI

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Must Use	0100	ST	Transaction Set Header	M	1	
Must Use	0200	BIG	Beginning Segment for Invoice	M	1	
Must Use	0500	REF	Reference Information	O	>1	
Must Use	0800	DTM	Date/Time Reference	O	10	
			LOOP ID - N1			>1
Must Use	1000	N1	Party Identification	O	1	
Must Use	1500	PER	Administrative Communications Contact	O	3	

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
			LOOP ID - HL			>1
Must Use	0100	HL	Hierarchical Level (Location level loop)	M	1	
			LOOP ID - IT1			1
Must Use	2100	IT1	Baseline Item Data (Invoice)	O	1	
	2350	MEA	Measurements	O	1	
			LOOP ID - QTY			1
Must Use	2900	QTY	Quantity Information	O	1	
			LOOP ID - NM1			1
Must Use	3400	NM1	Individual or Organizational Name	O	1	
Must Use	3890	LCD	Place/Location Description	O	1	
			LOOP ID - HL			>1
Must Use	7600	HL	Hierarchical Level (Transportation Service Provider level loop)	O	1	
			LOOP ID - IT1			1
Must Use	7700	IT1	Baseline Item Data (Invoice)	O	1	
			LOOP ID - QTY			1
Must Use	7800	QTY	Quantity Information	O	1	
			LOOP ID - NM1			1
Must Use	7900	NM1	Individual or Organizational Name	O	1	
			LOOP ID - HL			>1
Must Use	8000	HL	Hierarchical Level (Interest Owner Quantities level loop)	O	1	
			LOOP ID - IT1			999999
Must Use	8100	IT1	Baseline Item Data (Invoice)	O	1	

Must Use	8200	MEA	Measurements	O	1	
			LOOP ID - QTY			>1
Must Use	8300	QTY	Quantity Information	O	1	
			LOOP ID - NM1			1
Must Use	8400	NM1	Individual or Organizational Name	O	1	
			LOOP ID - HL			>1
Must Use	8500	HL	Hierarchical Level (Interest Owner Cumulative Quantities level loop)	O	1	
			LOOP ID - IT1			1
Must Use	8600	IT1	Baseline Item Data (Invoice)	O	1	
			LOOP ID - QTY			>1
Must Use	8700	QTY	Quantity Information	O	1	
			LOOP ID - NM1			1
Must Use	8800	NM1	Individual or Organizational Name	O	1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Must Use	0100	TDS	Total Monetary Value Summary	M	1	
Must Use	1200	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. Des.	Data Element	Name	Attributes		
Must Use	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**1**	**ID 3/3**
			811 Consolidated Service Invoice/Statement			
Must Use	**ST02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**

Segment: **BIG** **Beginning Segment for Invoice**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**BIG01**	**373**	**Date** *The date the statement was generated.*	**M**	**1**	**DT 8/8**
Must Use	**BIG02**	**76**	**Invoice Number** *The statement number assigned by the statement preparer.*	**M**	**1**	**AN 1/22**
Must Use	**BIG07**	**640**	**Transaction Type Code** F7 Producer Imbalance	**O**	**1**	**ID 2/2**

Segment: **REF** **Reference Information**
Position: 0500
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: >1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**1**	**ID 2/3**
			V0	Version			
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**1**	**AN 1/50**
			Statement Basis				
			A	Actual			
			E	Estimate			
			R	Revision			

Segment: **DTM** **Date/Time Reference**
Position: 0800
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 10
Notes: *For NAESB WGQ, this segment is mandatory and should occur once for each value in the DTM01 element.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**DTM01**	**374**	**Date/Time Qualifier** *Refer to "DTM Segments (Heading)" table for usage and values.*	**M**	**1**	**ID 3/3**
Must Use	**DTM05**	**1250**	**Date Time Period Format Qualifier** *Refer to "DTM Segments (Heading)" table for usage and values.* CM Date in Format CCYYMM DT Date and Time Expressed in Format CCYYMMDDHHMM	**X**	**1**	**ID 2/3**
Must Use	**DTM06**	**1251**	**Date Time Period** *Refer to "DTM Segments (Heading)" table for usage and values.* *Imbalance Period, Statement Date/Time*	**X**	**1**	**AN 1/35**

Segment: **N1** **Party Identification**
Position: 1000
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**		**M 1 ID 2/3**
			40	Receiver *Statement Recipient ID*	
			41	Submitter *Preparer ID*	
Must Use	**N103**	**66**	**Identification Code Qualifier** *Parties should mutually agree to use the Transportation Service Provider's proprietary entity code when the D-U-N-S® Number is not available.*		**X 1 ID 1/2**
			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 Preparer ID.*	
			SV	Service Provider Number *For NAESB WGQ, this code value may only be used when sending the Statement Recipient ID Proprietary Code or Preparer ID Proprietary Code.*	
Must Use	**N104**	**67**	**Identification Code** *Statement Recipient ID/Statement Recipient ID Proprietary Code, Preparer ID/Preparer ID Proprietary Code* *The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.*		**X 1 AN 2/17**

Segment: **PER** **Administrative Communications Contact**
Position: 1500
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 3
Notes: *For NAESB WGQ, this segment is mandatory. It may only be sent with the Preparer ID N1 loop (N101 = '41').*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**PER01**	**366**	**Contact Function Code**	**M**	**1**	**ID 2/2**
			IC Information Contact			
Must Use	**PER02**	**93**	**Name**	**O**	**1**	**AN 1/35**
			Preparer Contact Name			
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.			
Must Use	**PER03**	**365**	**Communication Number Qualifier**	**X**	**1**	**ID 2/2**
			TE Telephone			
Must Use	**PER04**	**364**	**Communication Number**	**X**	**1**	**AN 1/80**
			Preparer Contact Phone Number			
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.			
	PER05	**365**	**Communication Number Qualifier**	**X**	**1**	**ID 2/2**
			FX Facsimile			
	PER06	**364**	**Communication Number**	**X**	**1**	**AN 1/80**
			Preparer Contact Fax Number			
			For NAESB WGQ, this element is sender's option.			
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.			
	PER07	**365**	**Communication Number Qualifier**	**X**	**1**	**ID 2/2**
			EM Electronic Mail			
	PER08	**364**	**Communication Number**	**X**	**1**	**AN 1/80**
			Preparer Contact E-mail Address			
			For NAESB WGQ, this element is sender's option.			
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.			

Segment: **HL** **Hierarchical Level (Location level loop)**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Notes: *Location level loop*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**HL01**	**628**	**Hierarchical ID Number** *sequential line item number*	**M**	**1**	**AN 1/12**
Must Use	**HL03**	**735**	**Hierarchical Level Code** 34 Location Record *Location level loop*	**M**	**1**	**ID 1/2**

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 2100
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**IT101**	**350**	**Assigned Identification**	**O**	**1**	**AN 1/20**

Segment: **MEA** **Measurements**
Position: 2350
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Notes: *For NAESB WGQ, this segment is conditional.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**MEA02**	**738**	**Measurement Qualifier**		**O**	**1**	**ID 1/3**
			PU	Pressure Base			
Must Use	**MEA03**	**739**	**Measurement Value**		**X**	**1**	**R 1/20**
			Reporting Pressure Base				
Must Use	**MEA04**	**C001**	**Composite Unit of Measure**		**X**	**1**	
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**		**ID 2/2**
			Unit of Measure				
			64	Pounds Per Square Inch Gauge			
			80	Pounds Per Square Inch Absolute			
			KQ	Kilopascal			

Segment: **QTY** **Quantity Information**
Position: 2900
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**QTY01**	**673**	**Quantity Qualifier**		**M**	**1**	**ID 2/2**
			TO	Total			
Must Use	**QTY02**	**380**	**Quantity**		**X**	**1**	**R 1/15**
			Grand Total Production Deliveries				
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	**1**	
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**		**ID 2/2**
			Unit of Measure				
			BZ	Million BTU's			
			G8	Gigacalories			
			GV	Gigajoules			
			TZ	Thousand Cubic Feet			

Segment: **NM1** **Individual or Organizational Name**
Position: 3400
Loop: NM1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**NM101**	**98**	**Entity Identifier Code**		**M**	**1**	**ID 2/3**
			OP	Operator of property or unit			
Must Use	**NM102**	**1065**	**Entity Type Qualifier**		**M**	**1**	**ID 1/1**
			3	Unknown			
Must Use	**NM108**	**66**	**Identification Code Qualifier**		**X**	**1**	**ID 1/2**
			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 Location Operator.*			
			SV	Service Provider Number *For NAESB WGQ, this code value may only be used when sending the Location Operator Proprietary Code.*			
Must Use	**NM109**	**67**	**Identification Code** *Location Operator/Location Operator Proprietary Code* *The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.*		**X**	**1**	**AN 2/17**

Segment: **LCD** **Place/Location Description**
Position: 3890
Loop: NM1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**LCD02**	**98**	**Entity Identifier Code**		**O 1 ID 2/3**
			LCN	Gas Nomination Location	
Must Use	**LCD05**	**66**	**Identification Code Qualifier**		**X 1 ID 1/2**
			When a Transportation Service Provider's proprietary location code is employed pursuant to this standard, the parties agree that nominations, confirmations, scheduled quantities, and capacity release documents employing such code should be for one gas day at a time, and used only until there is a verified common code for the point associated with the proprietary location code. This would include daily nominations over a weekend. Within two months following the availability of the location the parties should employ the common code and no longer employ the proprietary code for identifying such location in the datasets related to the identified standards.		
			DR	Gas Industry Standards Board (GISB) Data Reference Number (DRN) *For NAESB WGQ, this code value may only be used when sending the Location.*	
			SV	Service Provider Number *For NAESB WGQ, this code value may only be used when sending the Location Proprietary Code.*	
Must Use	**LCD06**	**67**	**Identification Code**		**X 1 AN 2/17**
			Location/Location Proprietary Code *The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.*		

Segment: **HL** **Hierarchical Level (Transportation Service Provider level loop)**
Position: 7600
Loop: HL Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**HL01**	**628**	**Hierarchical ID Number** *sequential line item number*	**M**	**1**	**AN 1/12**
Must Use	**HL02**	**734**	**Hierarchical Parent ID Number** *This element conains the sequential line item number (HL01) of the Location level loop (HL03 = '34') to which this detail loop is subordinate.*	**O**	**1**	**AN 1/12**
Must Use	**HL03**	**735**	**Hierarchical Level Code** 19 Provider of Service *Transportation Service Provider level loop*	**M**	**1**	**ID 1/2**

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 7700
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**IT101**	**350**	**Assigned Identification**	**O**	**1**	**AN 1/20**

Segment: **QTY** **Quantity Information**
Position: 7800
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**QTY01**	**673**	**Quantity Qualifier** TT Total Production Volume	**M**	**1**	**ID 2/2**
Must Use	**QTY02**	**380**	**Quantity** *Total Production Deliveries*	**X**	**1**	**R 1/15**

Segment: **NM1** **Individual or Organizational Name**
Position: 7900
Loop: NM1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**NM101**	**98**	**Entity Identifier Code**		**M**	**1**	**ID 2/3**
			SJ	Service Provider			
Must Use	**NM102**	**1065**	**Entity Type Qualifier**		**M**	**1**	**ID 1/1**
			3	Unknown			
Must Use	**NM108**	**66**	**Identification Code Qualifier**		**X**	**1**	**ID 1/2**
			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 Transportation Service Provider.*			
			SV	Service Provider Number *For NAESB WGQ, this code value may only be used when sending the Transportation Service Provider Proprietary Code.*			
Must Use	**NM109**	**67**	**Identification Code**		**X**	**1**	**AN 2/17**
			Transportation Service Provider/Transportation Service Provider Proprietary Code *The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.*				

Segment: **HL** **Hierarchical Level (Interest Owner Quantities level loop)**
Position: 8000
Loop: HL Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**HL01**	**628**	**Hierarchical ID Number** *sequential line item number*	**M**	**1**	**AN 1/12**
Must Use	**HL02**	**734**	**Hierarchical Parent ID Number** *This element contains the sequential line item number (HL01) of the Transportation Service Provider level loop (HL03 = '19') to which this detail loop is subordinate.*	**O**	**1**	**AN 1/12**
Must Use	**HL03**	**735**	**Hierarchical Level Code** PP Related Parties *Interest Owner Quantities level loop*	**M**	**1**	**ID 1/2**

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 8100
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**IT101**	**350**	**Assigned Identification**	**O**	**1**	**AN 1/20**

Segment: **MEA** **Measurements**
Position: 8200
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**MEA02**	**738**	**Measurement Qualifier**	**O**	**1**	**ID 1/3**
			OX Ownership Share			
Must Use	**MEA03**	**739**	**Measurement Value**	**X**	**1**	**R 1/20**
			Interest Owner Percentage			

Segment: **QTY** **Quantity Information**
Position: 8300
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory and should occur once for each value in the QTY01 element.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**QTY01**	**673**	**Quantity Qualifier**		**M**	**1**	**ID 2/2**
			B9	Period Beginning Imbalance Quantity *Beginning Imbalance Quantity*			
			BP	Period Ending Imbalance Quantity *Ending Imbalance Quantity*			
			BX	Current Period Imbalance Quantity *Imbalance Quantity*			
			BY	Production Delivery Quantity *Production Delivery*			
			BZ	Entitlement Quantity *Entitlement Quantity*			
Must Use	**QTY02**	**380**	**Quantity** *Beginning Imbalance Quantity, Ending Imbalance Quantity, Imbalance Quantity, Production Delivery, Entitlement Quantity*		**X**	**1**	**R 1/15**

Segment: **NM1** **Individual or Organizational Name**
Position: 8400
Loop: NM1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**NM101**	**98**	**Entity Identifier Code**		**M**	**1**	**ID 2/3**
			HA	Owner			
Must Use	**NM102**	**1065**	**Entity Type Qualifier**		**M**	**1**	**ID 1/1**
			3	Unknown			
Must Use	**NM108**	**66**	**Identification Code Qualifier**		**X**	**1**	**ID 1/2**
			Parties should mutually agree to use the Interest Owner'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 Interest Owner.			
			SV	Service Provider Number			
				For NAESB WGQ, this code value may only be used when sending the Interest Owner Proprietary Code.			
Must Use	**NM109**	**67**	**Identification Code**		**X**	**1**	**AN 2/17**
			Interest Owner/Interest Owner Proprietary Code				
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.				

Segment: **HL** **Hierarchical Level (Interest Owner Cumulative Quantities level loop)**
Position: 8500
Loop: HL Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**HL01**	**628**	**Hierarchical ID Number** *sequential line item number*		**M**	**1**	**AN 1/12**
Must Use	**HL02**	**734**	**Hierarchical Parent ID Number** *This element conains the sequential line item number (HL01) of the Location level loop (HL03 = '34') to which this detail loop is subordinate.*		**O**	**1**	**AN 1/12**
Must Use	**HL03**	**735**	**Hierarchical Level Code**		**M**	**1**	**ID 1/2**
			R	Quantity			
			Interest Owner Cumulative Quantities level loop				
Must Use	**HL04**	**736**	**Hierarchical Child Code**		**O**	**1**	**ID 1/1**
			0	No Subordinate HL Segment in This Hierarchical Structure.			

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 8600
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**IT101**	**350**	**Assigned Identification**	**O**	**1**	**AN 1/20**

Segment: **QTY** **Quantity Information**
Position: 8700
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory and should occur once for each value in the QTY01 element.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**QTY01**	**673**	**Quantity Qualifier**		**M 1 ID 2/2**
			BS	Cumulative Beginning Imbalance Quantity *Cumulative Beginning Imbalance Quantity*	
			BT	Cumulative Current Period Imbalance Quantity *Cumulative Imbalance Quantity*	
			BU	Cumulative Prior Period Adjustment *Cumulative Prior Period Adjustment*	
			BV	Cumulative Ending Imbalance Quantity *Cumulative Ending Imbalance Quantity*	
Must Use	**QTY02**	**380**	**Quantity**		**X 1 R 1/15**
			Cumulative Beginning Imbalance Quantity, Cumulative Imbalance Quantity, Cumulative Prior Period Adjustment, Cumulative Ending Imbalance Quantity		

Segment: **NM1** **Individual or Organizational Name**
Position: 8800
Loop: NM1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Notes: *For NAESB WGQ, this segment is mandatory.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	**NM101**	**98**	**Entity Identifier Code**		**M**	**1**	**ID 2/3**
			HA	Owner			
Must Use	**NM102**	**1065**	**Entity Type Qualifier**		**M**	**1**	**ID 1/1**
			3	Unknown			
Must Use	**NM108**	**66**	**Identification Code Qualifier**		**X**	**1**	**ID 1/2**
			Parties should mutually agree to use the Interest Owner'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 Interest Owner.*			
			SV	Service Provider Number *For NAESB WGQ, this code value may only be used when sending the Interest Owner Proprietary Code.*			
Must Use	**NM109**	**67**	**Identification Code**		**X**	**1**	**AN 2/17**
			Interest Owner/Interest Owner Proprietary Code *The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.*				

Segment: **TDS** **Total Monetary Value Summary**
Position: 0100
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**TDS01**	**610**	**Amount** *For NAESB WGQ, send zero.*	**M 1 N2 1/15**

Segment: **SE** **Transaction Set Trailer**
Position: 1200
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**SE01**	**96**	**Number of Included Segments**	**M**	**1**	**N0 1/10**
Must Use	**SE02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**

TRANSACTION SET TABLES

DTM Segments (Heading)

Element Name (DTM06)	Usage	DTM01	DTM05
Imbalance Period	M	582	CM
Statement Date/Time	M	102	DT